Astrodienst Ephemeris Tables

from the year 350 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

JANUARY 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 21 7	6♉22'47	0♌56	22♐55	21♒12	8♓25	13♓47	29°R50	28♉38	1♎ 9	22°R41	18°R44	18♎20	18♊ 3	n.a.	T 1
W 2	6 25 3	7°23'40	13° 8	24°29	21°58	9° 6	13°56	29♋46	28°41	1° 9	22♈41	18♎32	18°17	18°10	n.a.	W 2
T 3	6 29 0	8°24'32	25°29	26° 5	22°43	9°48	14° 5	29°41	28°44	1°10	22°41	18°23	18°14	18°16	n.a.	T 3
F 4	6 32 57	9°25'23	8♍ 0	27°40	23°27	10°30	14°15	29°37	28°48	1°10	22°41	18°16	18°11	18°23	n.a.	F 4
S 5	6 36 53	10°26'13	20°45	29°17	24°10	11°11	14°25	29°33	28°51	1°10	22°40	18°13	18° 7	18°30	n.a.	S 5
S 6	6 40 50	11°27'01	3♎46	0♉54	24°52	11°53	14°35	29°28	28°54	1°10	22°40	18°12	18° 4	18°36	n.a.	S 6
M 7	6 44 46	12°27'49	17° 8	2°33	25°32	12°34	14°45	29°24	28°58	1°R10	22°40	18°12	18° 1	18°43	n.a.	M 7
T 8	6 48 43	13°28'36	0♏52	4°11	26°12	13°16	14°55	29°19	29° 1	1°10	22°40	18°11	17°58	18°50	n.a.	T 8
W 9	6 52 39	14°29'21	15° 2	5°51	26°50	13°58	15° 5	29°15	29° 4	1°10	22°40	18° 9	17°55	18°56	n.a.	W 9
T 10	6 56 36	15°30'05	29°35	7°32	27°27	14°39	15°15	29°10	29° 8	1°10	22°40	18° 5	17°52	19° 3	n.a.	T 10
F 11	7 0 32	16°30'48	14♐29	9°13	28° 2	15°21	15°26	29° 5	29°11	1° 9	22°D40	17°58	17°48	19°10	n.a.	F 11
S 12	7 4 29	17°31'30	29°36	10°55	28°36	16° 2	15°36	29° 1	29°15	1° 9	22°40	17°48	17°45	19°17	n.a.	S 12
S 13	7 8 26	18°32'10	14♉48	12°38	29° 9	16°44	15°47	28°56	29°18	1° 9	22°40	17°37	17°42	19°23	n.a.	S 13
M14	7 12 22	19°32'49	29°53	14°22	29°40	17°25	15°58	28°51	29°21	1° 9	22°40	17°25	17°39	19°30	n.a.	M14
T 15	7 16 19	20°33'26	14♒42	16° 7	0♓ 9	18° 7	16° 9	28°47	29°25	1° 9	22°40	17°14	17°36	19°37	n.a.	T 15
W16	7 20 15	21°34'01	29° 5	17°52	0°37	18°48	16°20	28°42	29°28	1° 8	22°40	17° 5	17°32	19°43	n.a.	W16
T 17	7 24 12	22°34'34	13♓ 0	19°39	1° 3	19°30	16°31	28°37	29°32	1° 8	22°40	16°59	17°29	19°50	n.a.	T 17
F 18	7 28 8	23°35'05	26°24	21°26	1°27	20°11	16°42	28°32	29°35	1° 8	22°41	16°55	17°26	19°57	n.a.	F 18
S 19	7 32 5	24°35'34	9♈21	23°15	1°49	20°52	16°53	28°28	29°39	1° 7	22°41	16°54	17°23	20° 4	n.a.	S 19
S 20	7 36 1	25°36'01	21°55	25° 4	2°10	21°34	17° 5	28°23	29°42	1° 7	22°41	16°54	17°20	20°10	n.a.	S 20
M21	7 39 58	26°36'26	4♉ 9	26°54	2°28	22°15	17°16	28°18	29°45	1° 6	22°41	16°54	17°17	20°17	n.a.	M21
T 22	7 43 55	27°36'49	16°10	28°45	2°45	22°56	17°28	28°13	29°49	1° 6	22°41	16°53	17°13	20°24	n.a.	T 22
W23	7 47 51	28°37'10	28° 3	0♒36	2°59	23°38	17°40	28° 8	29°52	1° 5	22°42	16°49	17°10	20°30	n.a.	W23
T 24	7 51 48	29°37'29	9♊52	2°29	3°11	24°19	17°51	28° 3	29°56	1° 5	22°42	16°43	17° 7	20°37	n.a.	T 24
F 25	7 55 44	0♒37'46	21°42	4°22	3°21	25° 0	18° 3	27°59	29°59	1° 4	22°42	16°34	17° 4	20°44	n.a.	F 25
S 26	7 59 41	1°38'01	3♋36	6°16	3°29	25°41	18°15	27°54	0♒ 3	1° 4	22°42	16°22	17° 1	20°50	n.a.	S 26
S 27	8 3 37	2°38'14	15°36	8°10	3°34	26°22	18°27	27°49	0° 6	1° 3	22°43	16° 9	16°57	20°57	n.a.	S 27
M28	8 7 34	3°38'25	27°44	10° 4	3°37	27° 3	18°39	27°44	0°10	1° 2	22°43	15°56	16°54	21° 4	n.a.	M28
T 29	8 11 30	4°38'34	10♌ 1	11°59	3°R37	27°44	18°51	27°39	0°13	1° 2	22°44	15°43	16°51	21°11	n.a.	T 29
W30	8 15 27	5°38'41	22°27	13°54	3°35	28°26	19° 4	27°35	0°17	1° 1	22°44	15°31	16°48	21°17	n.a.	W30
T 31	8 19 24	6♒38'46	5♍ 2	15♒49	3♓31	29♓ 7	19♓16	27♋30	0♒20	1♎ 0	22♈44	15♎22	16♎45	21♊24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s35	15n25	4s54	24s49	1s17	13s49	0n50	8s59	0s30	7s42	1s21	21n35	1n11	21s18	0s37	1n17	1n54	4s23	14s21	7s26	7s16	18n46			n.a.
W 2	23 32	12 43	4 34	24 59	1 22	13 26	0 59	8 42	0 29	7 38	1 20	21 36	1 11	21 17	0 37	1 17	1 54	4 23	14 21	7 21	7 15	18 46			n.a.
T 3	23 28	9 25	4 0	25 7	1 27	13 2	1 8	8 25	0 28	7 34	1 20	21 37	1 11	21 17	0 37	1 17	1 55	4 23	14 20	7 17	7 14	18 46			n.a.
F 4	23 24	5 39	3 15	25 14	1 32	12 39	1 17	8 8	0 27	7 30	1 20	21 38	1 11	21 16	0 37	1 17	1 55	4 22	14 20	7 15	7 13	18 46			n.a.
S 5	23 19	1 34	2 20	25 20	1 36	12 16	1 26	7 51	0 26	7 26	1 20	21 40	1 11	21 15	0 37	1 17	1 55	4 22	14 20	7 14	7 12	18 46			n.a.
S 6	23 14	2s40	1 16	25 24	1 40	11 54	1 36	7 34	0 25	7 22	1 19	21 41	1 11	21 15	0 37	1 17	1 55	4 22	14 19	7 13	7 10	18 46			n.a.
M 7	23 9	6 54	0 6	25 26	1 44	11 31	1 45	7 17	0 24	7 18	1 19	21 42	1 12	21 14	0 37	1 17	1 55	4 22	14 19	7 13	7 9	18 47			n.a.
T 8	23 3	10 53	1n 7	25 27	1 47	11 8	1 55	7 0	0 23	7 13	1 19	21 43	1 12	21 13	0 37	1 17	1 55	4 21	14 19	7 13	7 8	18 47			n.a.
W 9	22 56	14 22	2 17	25 26	1 50	10 46	2 5	6 43	0 22	7 9	1 19	21 44	1 12	21 12	0 37	1 17	1 55	4 21	14 18	7 12	7 7	18 47			n.a.
T 10	22 49	17 3	3 20	25 24	1 53	10 23	2 15	6 26	0 21	7 5	1 18	21 45	1 12	21 12	0 37	1 17	1 55	4 21	14 18	7 11	7 5	18 47			n.a.
F 11	22 42	18 40	4 11	25 20	1 55	10 1	2 26	6 9	0 20	7 1	1 18	21 46	1 12	21 11	0 37	1 17	1 55	4 21	14 18	7 8	7 4	18 47			n.a.
S 12	22 34	18 59	4 45	25 14	1 57	9 40	2 36	5 52	0 19	6 56	1 18	21 47	1 12	21 10	0 37	1 18	1 55	4 20	14 17	7 4	7 3	18 47			n.a.
S 13	22 26	17 56	5 0	25 6	1 59	9 18	2 47	5 35	0 18	6 52	1 18	21 48	1 12	21 10	0 37	1 18	1 55	4 20	14 17	7 0	7 2	18 47			n.a.
M14	22 17	15 39	4 53	24 57	2 0	8 57	2 58	5 17	0 17	6 47	1 18	21 49	1 12	21 9	0 37	1 18	1 55	4 20	14 17	6 55	7 1	18 47			n.a.
T 15	22 8	12 22	4 27	24 45	2 1	8 36	3 9	5 0	0 16	6 43	1 17	21 51	1 13	21 8	0 37	1 18	1 55	4 19	14 16	6 51	6 59	18 47			n.a.
W16	21 59	8 26	3 44	24 32	2 2	8 16	3 21	4 43	0 15	6 38	1 17	21 52	1 13	21 7	0 37	1 18	1 55	4 19	14 16	6 47	6 58	18 47			n.a.
T 17	21 49	4 10	2 49	24 17	2 2	7 56	3 32	4 26	0 14	6 34	1 17	21 53	1 13	21 7	0 37	1 18	1 56	4 19	14 16	6 45	6 57	18 48			n.a.
F 18	21 39	0n11	1 46	24 0	2 1	7 37	3 44	4 8	0 13	6 29	1 17	21 54	1 13	21 6	0 37	1 19	1 56	4 18	14 15	6 44	6 56	18 48			n.a.
S 19	21 28	4 22	0 40	23 41	2 0	7 18	3 55	3 51	0 12	6 25	1 17	21 55	1 13	21 5	0 37	1 19	1 56	4 18	14 15	6 43	6 54	18 48			n.a.
S 20	21 17	8 14	0s27	23 20	1 59	6 59	4 7	3 34	0 11	6 20	1 16	21 56	1 13	21 4	0 37	1 19	1 56	4 17	14 15	6 43	6 53	18 48			n.a.
M21	21 6	11 39	1 30	22 57	1 57	6 42	4 19	3 16	0 11	6 15	1 16	21 57	1 13	21 4	0 37	1 19	1 56	4 17	14 14	6 43	6 52	18 48			n.a.
T 22	20 54	14 31	2 28	22 32	1 54	6 24	4 31	2 59	0 10	6 11	1 16	21 58	1 13	21 3	0 37	1 20	1 56	4 17	14 14	6 43	6 51	18 48			n.a.
W23	20 41	16 44	3 19	22 5	1 51	6 8	4 43	2 42	0 9	6 6	1 16	21 59	1 13	21 2	0 37	1 20	1 56	4 16	14 14	6 41	6 49	18 48			n.a.
T 24	20 29	18 13	4 2	21 36	1 48	5 52	4 56	2 24	0 8	6 1	1 16	22 0	1 14	21 1	0 37	1 20	1 56	4 16	14 13	6 39	6 48	18 48			n.a.
F 25	20 16	18 55	4 33	21 5	1 44	5 37	5 8	2 7	0 7	5 56	1 15	22 1	1 14	21 1	0 37	1 20	1 56	4 16	14 13	6 35	6 47	18 48			n.a.
S 26	20 3	18 48	4 53	20 32	1 39	5 23	5 20	1 50	0 6	5 51	1 15	22 3	1 14	21 0	0 37	1 21	1 56	4 15	14 13	6 31	6 46	18 48			n.a.
S 27	19 49	17 50	5 1	19 57	1 33	5 10	5 33	1 33	0 5	5 46	1 15	22 4	1 14	20 59	0 37	1 21	1 56	4 15	14 12	6 26	6 45	18 48			n.a.
M28	19 35	16 4	4 55	19 20	1 27	4 57	5 45	1 15	0 5	5 41	1 15	22 5	1 14	20 59	0 37	1 21	1 56	4 14	14 12	6 20	6 43	18 48			n.a.
T 29	19 20	13 33	4 35	18 42	1 20	4 46	5 57	0 58	0 4	5 36	1 15	22 6	1 14	20 58	0 37	1 22	1 56	4 14	14 12	6 15	6 42	18 48			n.a.
W30	19 6	10 24	4 1	18 1	1 13	4 35	6 9	0 41	0 3	5 31	1 15	22 7	1 14	20 57	0 37	1 22	1 56	4 13	14 12	6 11	6 41	18 49			n.a.
T 31	18s50	6n45	3s16	17s20	1s 5	4s26	6n21	0s23	0s 2	5s26	1s14	22n 8	1n14	20s56	0s37	1n22	1n56	4s13	14s11	6s 7	6s40	18n49			n.a.

Julian Day Number = 1593585.5, Delta T = 04h03m38s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°54'17, Lahiri = - 8°47'16 Julian Calendar 1 Jan. 350 BCE == Greg. Calendar 27 Dec. 351 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

FEBRUARY 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 23 20	7♒38'49	17♍48	17♒43	3°R24	29♓48	19♓28	27°R25	0♒23	0°R59	22♈45	15°R16	16♎42	21♊31	n.a.	F 1
S 2	8 27 17	8°38'50	0♎46	19°36	3♓14	0♈29	19°41	27♋20	0°27	0♎59	22°45	15♎13	16°38	21°37	n.a.	S 2
S 3	8 31 13	9°38'50	13°56	21°29	3° 2	1°10	19°53	27°16	0°30	0°58	22°46	15°D12	16°35	21°44	n.a.	S 3
M 4	8 35 10	10°38'48	27°21	23°20	2°47	1°50	20° 6	27°11	0°34	0°57	22°46	15°12	16°32	21°51	n.a.	M 4
T 5	8 39 6	11°38'44	11♏ 3	25° 9	2°30	2°31	20°19	27° 7	0°37	0°56	22°47	15°R13	16°29	21°58	n.a.	T 5
W 6	8 43 3	12°38'38	25° 2	26°57	2°11	3°12	20°31	27° 2	0°41	0°55	22°47	15°12	16°26	22° 4	n.a.	W 6
T 7	8 46 59	13°38'31	9♐19	28°41	1°49	3°53	20°44	26°57	0°44	0°54	22°48	15°10	16°23	22°11	n.a.	T 7
F 8	8 50 56	14°38'22	23°51	0♓22	1°25	4°34	20°57	26°53	0°47	0°53	22°48	15° 5	16°19	22°18	n.a.	F 8
S 9	8 54 53	15°38'11	8♑35	2° 0	0°58	5°15	21°10	26°48	0°51	0°52	22°49	14°57	16°16	22°24	n.a.	S 9
S 10	8 58 49	16°37'59	23°24	3°33	0°30	5°55	21°23	26°44	0°54	0°51	22°50	14°48	16°13	22°31	n.a.	S 10
M11	9 2 46	17°37'44	8♒10	5° 2	0° 0	6°36	21°36	26°40	0°58	0°50	22°50	14°39	16°10	22°38	n.a.	M11
T 12	9 6 42	18°37'27	22°44	6°25	29♒28	7°17	21°49	26°35	1° 1	0°49	22°51	14°30	16° 7	22°45	n.a.	T 12
W13	9 10 39	19°37'08	6♓59	7°43	28°55	7°58	22° 2	26°31	1° 4	0°48	22°52	14°23	16° 3	22°51	n.a.	W13
T 14	9 14 35	20°36'47	20°51	8°54	28°20	8°38	22°16	26°27	1° 7	0°47	22°52	14°19	16° 0	22°58	n.a.	T 14
F 15	9 18 32	21°36'24	4♈17	10° 0	27°44	9°19	22°29	26°23	1°11	0°45	22°53	14°16	15°57	23° 5	n.a.	F 15
S 16	9 22 28	22°35'58	17°18	10°58	27° 8	10° 0	22°42	26°19	1°14	0°44	22°54	14°D16	15°54	23°11	n.a.	S 16
S 17	9 26 25	23°35'29	29°55	11°49	26°30	10°40	22°56	26°15	1°17	0°43	22°55	14°17	15°51	23°18	n.a.	S 17
M18	9 30 21	24°34'59	12♉14	12°32	25°52	11°21	23° 9	26°11	1°21	0°42	22°55	14°18	15°48	23°25	n.a.	M18
T 19	9 34 18	25°34'26	24°19	13° 8	25°14	12° 1	23°22	26° 7	1°24	0°41	22°56	14°R18	15°44	23°32	n.a.	T 19
W20	9 38 15	26°33'51	6♊14	13°36	24°36	12°42	23°36	26° 3	1°27	0°39	22°57	14°18	15°41	23°38	n.a.	W20
T 21	9 42 11	27°33'13	18° 5	13°56	23°59	13°22	23°49	25°59	1°30	0°38	22°58	14°15	15°38	23°45	n.a.	T 21
F 22	9 46 8	28°32'33	29°57	14° 8	23°22	14° 3	24° 3	25°56	1°33	0°37	22°59	14°11	15°35	23°52	n.a.	F 22
S 23	9 50 4	29°31'50	11♋54	14°R12	22°45	14°43	24°17	25°52	1°37	0°35	22°59	14° 5	15°32	23°58	n.a.	S 23
S 24	9 54 1	0♓31'05	23°59	14° 9	22°10	15°23	24°30	25°48	1°40	0°34	23° 0	13°57	15°29	24° 5	n.a.	S 24
M25	9 57 57	1°30'18	6♌15	13°59	21°36	16° 4	24°44	25°45	1°43	0°33	23° 1	13°50	15°25	24°12	n.a.	M25
T 26	10 1 54	2°29'29	18°43	13°41	21° 4	16°44	24°58	25°42	1°46	0°31	23° 2	13°42	15°22	24°19	n.a.	T 26
W27	10 5 50	3°28'37	1♍24	13°17	20°33	17°24	25°12	25°38	1°49	0°30	23° 3	13°35	15°19	24°25	n.a.	W27
T 28	10 9 47	4♓27'43	14♍18	12♓47	20♒ 5	18♈ 5	25♓26	25♋35	1♒52	0♎28	23♈ 4	13♎30	15♎16	24♊32	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s35	2n44	2s20	16s36	0s56	4s17	6n33	0s 6	0s 1	5s21	1s14	22n 9	1n14	20s56	0s37	1n23	1n56	4s12	14s11	6s 5	6s38	18n49		n.a.
S 2	18 19	1s28	1 16	15 52	0 47	4 10	6 44	0n11	0 0	5 16	1 14	22 10	1 14	20 55	0 37	1 23	1 57	4 12	14 11	6 4	6 37	18 49		n.a.
S 3	18 3	5 40	0 7	15 6	0 37	4 4	6 56	0 28	0n 0	5 11	1 14	22 11	1 14	20 54	0 37	1 24	1 57	4 12	14 10	6 4	6 36	18 49		n.a.
M 4	17 47	9 40	1n 4	14 19	0 26	3 59	7 7	0 46	0 1	5 6	1 14	22 12	1 14	20 53	0 38	1 24	1 57	4 11	14 10	6 4	6 35	18 49		n.a.
T 5	17 30	13 13	2 13	13 32	0 15	3 55	7 17	1 3	0 2	5 1	1 14	22 13	1 14	20 53	0 38	1 24	1 57	4 11	14 10	6 4	6 33	18 49		n.a.
W 6	17 13	16 6	3 16	12 44	0 3	3 52	7 27	1 20	0 3	4 55	1 14	22 14	1 15	20 52	0 38	1 25	1 57	4 10	14 9	6 4	6 32	18 49		n.a.
T 7	16 56	18 3	4 7	11 56	0n 9	3 51	7 37	1 37	0 4	4 50	1 13	22 15	1 15	20 51	0 38	1 25	1 57	4 10	14 9	6 3	6 31	18 49		n.a.
F 8	16 39	18 52	4 44	11 8	0 22	3 51	7 46	1 54	0 4	4 45	1 13	22 16	1 15	20 50	0 38	1 26	1 57	4 9	14 9	6 1	6 30	18 49		n.a.
S 9	16 21	18 25	5 3	10 21	0 35	3 52	7 55	2 11	0 5	4 40	1 13	22 16	1 15	20 50	0 38	1 26	1 57	4 9	14 8	5 58	6 28	18 49		n.a.
S 10	16 3	16 44	5 1	9 35	0 48	3 54	8 3	2 28	0 6	4 34	1 13	22 17	1 15	20 49	0 38	1 27	1 57	4 8	14 8	5 54	6 27	18 49		n.a.
M11	15 44	13 57	4 39	8 49	1 2	3 58	8 10	2 45	0 7	4 29	1 13	22 18	1 15	20 48	0 38	1 27	1 57	4 8	14 8	5 51	6 26	18 49		n.a.
T 12	15 26	10 20	4 0	8 6	1 16	4 3	8 16	3 2	0 7	4 24	1 13	22 19	1 15	20 47	0 38	1 28	1 57	4 7	14 8	5 47	6 25	18 49		n.a.
W13	15 7	6 11	3 6	7 24	1 30	4 9	8 22	3 19	0 8	4 18	1 13	22 20	1 15	20 47	0 38	1 28	1 57	4 7	14 7	5 44	6 24	18 49		n.a.
T 14	14 48	1 48	2 2	6 44	1 43	4 17	8 27	3 36	0 9	4 13	1 12	22 21	1 15	20 46	0 38	1 29	1 57	4 6	14 7	5 43	6 22	18 49		n.a.
F 15	14 29	2n32	0 53	6 7	1 57	4 25	8 30	3 53	0 9	4 7	1 12	22 22	1 15	20 45	0 38	1 29	1 57	4 6	14 7	5 42	6 21	18 49		n.a.
S 16	14 9	6 37	0s16	5 33	2 10	4 35	8 33	4 10	0 10	4 2	1 12	22 23	1 15	20 45	0 38	1 30	1 57	4 5	14 6	5 41	6 20	18 49		n.a.
S 17	13 49	10 17	1 23	5 1	2 23	4 45	8 35	4 26	0 11	3 57	1 12	22 23	1 15	20 44	0 38	1 30	1 57	4 5	14 6	5 42	6 19	18 49		n.a.
M18	13 29	13 24	2 25	4 33	2 35	4 57	8 37	4 43	0 12	3 51	1 12	22 24	1 15	20 43	0 38	1 31	1 57	4 4	14 6	5 42	6 17	18 49		n.a.
T 19	13 9	15 52	3 19	4 9	2 46	5 9	8 37	5 0	0 12	3 46	1 12	22 25	1 15	20 42	0 38	1 31	1 57	4 3	14 6	5 43	6 16	18 49		n.a.
W20	12 49	17 37	4 3	3 49	2 57	5 23	8 36	5 16	0 13	3 40	1 12	22 26	1 15	20 42	0 38	1 32	1 57	4 3	14 5	5 42	6 15	18 49		n.a.
T 21	12 28	18 36	4 37	3 32	3 7	5 36	8 34	5 33	0 14	3 34	1 12	22 26	1 15	20 41	0 38	1 32	1 57	4 2	14 5	5 41	6 14	18 49		n.a.
F 22	12 8	18 45	4 59	3 19	3 15	5 51	8 31	5 50	0 14	3 29	1 11	22 27	1 15	20 40	0 38	1 33	1 58	4 2	14 5	5 40	6 12	18 49		n.a.
S 23	11 47	18 5	5 8	3 11	3 23	6 6	8 28	6 6	0 15	3 23	1 11	22 28	1 15	20 40	0 38	1 33	1 58	4 1	14 4	5 37	6 11	18 49		n.a.
S 24	11 26	16 36	5 4	3 7	3 29	6 21	8 23	6 22	0 16	3 18	1 11	22 29	1 15	20 39	0 38	1 34	1 58	4 1	14 4	5 34	6 10	18 49		n.a.
M25	11 4	14 20	4 45	3 6	3 33	6 37	8 18	6 39	0 16	3 12	1 11	22 29	1 15	20 38	0 38	1 35	1 58	4 0	14 4	5 31	6 9	18 49		n.a.
T 26	10 43	11 24	4 13	3 10	3 36	6 53	8 12	6 55	0 17	3 7	1 11	22 30	1 15	20 38	0 38	1 35	1 58	4 0	14 4	5 28	6 7	18 49		n.a.
W27	10 21	7 52	3 28	3 18	3 38	7 9	8 5	7 11	0 18	3 1	1 11	22 30	1 15	20 37	0 38	1 36	1 58	3 59	14 3	5 26	6 6	18 49		n.a.
T 28	10s 0	3n55	2s32	3s30	3n37	7s25	7n57	7n27	0n18	2s55	1s11	22n31	1n15	20s36	0s38	1n36	1n58	3s58	14s 3	5s24	6s 5	18n49		n.a.

Julian Day Number = 1593616.5, Delta T = 04h03m36s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°54'13, Lahiri = - 8°47'12 Julian Calendar 1 Feb. 350 BCE == Greg. Calendar 27 Jan. 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

MARCH 350 BCE (-349) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 13 44	5♓26'47	27♍26	12°R12	19°R38	18♈45	25♓39	25°R32	1♒55	0°R27	23♈ 5	13°R27	15♎13	24♊39	n.a.	F 1
S 2	10 17 40	6°25'49	10♎45	11♓33	19♒13	19°25	25°53	25♋29	1°58	0♎26	23° 6	13°D26	15° 9	24°45	n.a.	S 2
S 3	10 21 37	7°24'49	24°16	10°49	18°51	20° 5	26° 7	25°26	2° 1	0°24	23° 7	13♎26	15° 6	24°52	n.a.	S 3
M 4	10 25 33	8°23'47	7♏57	10° 4	18°30	20°45	26°21	25°23	2° 4	0°23	23° 8	13°28	15° 3	24°59	n.a.	M 4
T 5	10 29 30	9°22'43	21°49	9°16	18°13	21°25	26°35	25°20	2° 7	0°21	23° 9	13°29	15° 0	25° 6	n.a.	T 5
W 6	10 33 26	10°21'37	5♐51	8°28	17°57	22° 5	26°49	25°18	2°10	0°20	23°10	13°R30	14°57	25°12	n.a.	W 6
T 7	10 37 23	11°20'30	20° 1	7°40	17°44	22°46	27° 3	25°15	2°13	0°18	23°11	13°30	14°54	25°19	n.a.	T 7
F 8	10 41 19	12°19'21	4♑18	6°54	17°34	23°26	27°17	25°12	2°16	0°17	23°12	13°28	14°50	25°26	n.a.	F 8
S 9	10 45 16	13°18'10	18°40	6° 9	17°26	24° 6	27°31	25°10	2°18	0°15	23°13	13°25	14°47	25°32	n.a.	S 9
S 10	10 49 12	14°16'57	3♒ 1	5°26	17°21	24°46	27°45	25° 8	2°21	0°13	23°14	13°22	14°44	25°39	n.a.	S 10
M11	10 53 9	15°15'43	17°18	4°48	17°17	25°26	27°59	25° 5	2°24	0°12	23°15	13°17	14°41	25°46	n.a.	M11
T 12	10 57 6	16°14'26	1♓26	4°13	17°D17	26° 5	28°14	25° 3	2°27	0°10	23°16	13°13	14°38	25°53	n.a.	T 12
W13	11 1 2	17°13'07	15°19	3°42	17°19	26°45	28°28	25° 1	2°29	0° 9	23°18	13°10	14°34	25°59	n.a.	W13
T 14	11 4 59	18°11'47	28°55	3°16	17°23	27°25	28°42	24°59	2°32	0° 7	23°19	13° 8	14°31	26° 6	n.a.	T 14
F 15	11 8 55	19°10'24	12♈11	2°55	17°29	28° 5	28°56	24°57	2°35	0° 6	23°20	13°D 8	14°28	26°13	n.a.	F 15
S 16	11 12 52	20° 8'59	25° 7	2°39	17°37	28°45	29°10	24°56	2°37	0° 4	23°21	13° 8	14°25	26°19	n.a.	S 16
S 17	11 16 48	21° 7'32	7♉43	2°28	17°48	29°25	29°25	24°54	2°40	0° 2	23°22	13° 9	14°22	26°26	n.a.	S 17
M18	11 20 45	22° 6'02	20° 3	2°22	18° 1	0♉ 4	29°39	24°52	2°42	0° 1	23°23	13°11	14°19	26°33	n.a.	M18
T 19	11 24 41	23° 4'31	2♊10	2°D21	18°16	0°44	29°53	24°51	2°45	29♍59	23°24	13°12	14°15	26°40	n.a.	T 19
W20	11 28 38	24° 2'57	14° 7	2°26	18°32	1°24	0♈ 7	24°50	2°47	29°58	23°26	13°13	14°12	26°46	n.a.	W20
T 21	11 32 34	25° 1'21	26° 0	2°36	18°51	2° 4	0°22	24°48	2°50	29°56	23°27	13°R14	14° 9	26°53	n.a.	T 21
F 22	11 36 31	25°59'43	7♋54	2°50	19°11	2°43	0°36	24°47	2°52	29°54	23°28	13°13	14° 6	27° 0	n.a.	F 22
S 23	11 40 28	26°58'03	19°52	3° 9	19°34	3°23	0°50	24°46	2°55	29°53	23°29	13°12	14° 3	27° 6	n.a.	S 23
S 24	11 44 24	27°56'20	2♌ 0	3°33	19°58	4° 3	1° 4	24°45	2°57	29°51	23°31	13°10	14° 0	27°13	n.a.	S 24
M25	11 48 21	28°54'35	14°20	4° 1	20°23	4°42	1°19	24°44	2°59	29°49	23°32	13° 8	13°56	27°20	n.a.	M25
T 26	11 52 17	29°52'49	26°56	4°33	20°51	5°22	1°33	24°44	3° 1	29°48	23°33	13° 6	13°53	27°27	n.a.	T 26
W27	11 56 14	0♈51'00	9♍49	5° 9	21°20	6° 1	1°47	24°43	3° 4	29°46	23°34	13° 5	13°50	27°33	n.a.	W27
T 28	12 0 10	1°49'09	23° 1	5°49	21°50	6°41	2° 1	24°43	3° 6	29°44	23°36	13° 3	13°47	27°40	n.a.	T 28
F 29	12 4 7	2°47'16	6♎29	6°33	22°22	7°20	2°16	24°42	3° 8	29°43	23°37	13°D 3	13°44	27°47	n.a.	F 29
S 30	12 8 3	3°45'22	20°14	7°20	22°55	8° 0	2°30	24°42	3°10	29°41	23°38	13° 3	13°40	27°53	n.a.	S 30
S 31	12 12 0	4♈43'26	4♏11	8♓11	23♒29	8♉39	2♈44	24♋42	3♒12	29♍40	23♈39	13♎ 3	13♎37	28♊ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s38	0s17	1s26	3s45	3n35	7s42	7n49	7n44	0n19	2s50	1s11	22n32	1n15	20s36	0s38	1n37	1n58	3s58	14s 3	5s22	6s 4	18n49		n.a.
S 2	9 16	4 32	0 15	4 4	3 31	7 58	7 40	8 0	0 20	2 44	1 11	22 32	1 15	20 35	0 38	1 38	1 58	3 57	14 3	5 22	6 2	18 49		n.a.
S 3	8 54	8 37	0n59	4 26	3 26	8 13	7 30	8 16	0 20	2 38	1 11	22 33	1 15	20 34	0 38	1 38	1 58	3 57	14 2	5 22	6 1	18 49		n.a.
M 4	8 31	12 17	2 10	4 50	3 19	8 29	7 21	8 31	0 21	2 33	1 10	22 33	1 15	20 34	0 38	1 39	1 58	3 56	14 2	5 23	6 0	18 48		n.a.
T 5	8 9	15 19	3 14	5 16	3 10	8 44	7 10	8 47	0 22	2 27	1 10	22 34	1 15	20 33	0 38	1 39	1 58	3 56	14 2	5 23	5 59	18 48		n.a.
W 6	7 47	17 29	4 8	5 43	3 0	8 59	7 0	9 3	0 22	2 21	1 10	22 34	1 15	20 32	0 38	1 40	1 58	3 55	14 2	5 24	5 58	18 48		n.a.
T 7	7 24	18 35	4 47	6 12	2 48	9 13	6 49	9 19	0 23	2 15	1 10	22 35	1 15	20 32	0 38	1 41	1 58	3 54	14 2	5 23	5 56	18 48		n.a.
F 8	7 1	18 32	5 8	6 41	2 35	9 27	6 37	9 34	0 23	2 10	1 10	22 35	1 15	20 31	0 38	1 41	1 58	3 54	14 1	5 23	5 55	18 48		n.a.
S 9	6 38	17 17	5 11	7 11	2 22	9 41	6 26	9 50	0 24	2 4	1 10	22 36	1 15	20 30	0 38	1 42	1 58	3 53	14 1	5 22	5 54	18 48		n.a.
S 10	6 16	14 57	4 54	7 40	2 7	9 53	6 14	10 5	0 25	1 58	1 10	22 36	1 15	20 30	0 38	1 43	1 58	3 53	14 1	5 20	5 53	18 48		n.a.
M11	5 53	11 43	4 19	8 8	1 52	10 5	6 2	10 20	0 25	1 53	1 10	22 37	1 15	20 29	0 38	1 43	1 58	3 52	14 1	5 19	5 51	18 48		n.a.
T 12	5 30	7 51	3 29	8 35	1 36	10 17	5 50	10 36	0 26	1 47	1 10	22 37	1 15	20 29	0 38	1 44	1 58	3 51	14 0	5 17	5 50	18 48		n.a.
W13	5 7	3 36	2 27	9 1	1 21	10 28	5 38	10 51	0 26	1 41	1 10	22 37	1 15	20 28	0 38	1 45	1 58	3 51	14 0	5 16	5 49	18 48		n.a.
T 14	4 43	0n45	1 17	9 26	1 5	10 38	5 26	11 6	0 27	1 35	1 10	22 38	1 15	20 27	0 38	1 45	1 58	3 50	14 0	5 15	5 48	18 48		n.a.
F 15	4 20	4 57	0 5	9 48	0 49	10 48	5 14	11 21	0 27	1 29	1 10	22 38	1 15	20 27	0 38	1 46	1 58	3 50	14 0	5 15	5 46	18 48		n.a.
S 16	3 57	8 49	1s 6	10 9	0 33	10 57	5 2	11 36	0 28	1 24	1 10	22 38	1 15	20 26	0 38	1 47	1 58	3 49	14 0	5 15	5 45	18 48		n.a.
S 17	3 34	12 11	2 11	10 27	0 17	11 5	4 50	11 51	0 29	1 18	1 10	22 38	1 15	20 26	0 38	1 47	1 58	3 49	14 0	5 15	5 44	18 47		n.a.
M18	3 10	14 56	3 10	10 43	0 2	11 12	4 38	12 5	0 29	1 12	1 9	22 39	1 15	20 25	0 38	1 48	1 58	3 48	13 59	5 16	5 43	18 47		n.a.
T 19	2 47	16 58	3 58	10 57	0s12	11 19	4 27	12 20	0 30	1 6	1 9	22 39	1 15	20 25	0 38	1 49	1 58	3 47	13 59	5 17	5 41	18 47		n.a.
W20	2 24	18 13	4 36	11 9	0 27	11 25	4 15	12 35	0 30	1 1	1 9	22 39	1 15	20 24	0 38	1 49	1 58	3 47	13 59	5 17	5 40	18 47		n.a.
T 21	2 0	18 39	5 2	11 18	0 40	11 30	4 3	12 49	0 31	0 55	1 9	22 39	1 15	20 23	0 38	1 50	1 58	3 46	13 59	5 17	5 39	18 47		n.a.
F 22	1 37	18 16	5 14	11 25	0 53	11 35	3 52	13 3	0 31	0 49	1 9	22 40	1 15	20 23	0 38	1 51	1 58	3 46	13 59	5 17	5 38	18 47		n.a.
S 23	1 13	17 4	5 13	11 29	1 5	11 39	3 40	13 18	0 32	0 43	1 9	22 40	1 15	20 22	0 38	1 51	1 58	3 45	13 59	5 16	5 36	18 47		n.a.
S 24	0 50	15 6	4 59	11 32	1 17	11 42	3 29	13 32	0 32	0 37	1 9	22 40	1 15	20 22	0 38	1 52	1 58	3 44	13 58	5 16	5 35	18 47		n.a.
M25	0 26	12 25	4 30	11 31	1 28	11 44	3 18	13 46	0 33	0 32	1 9	22 40	1 15	20 21	0 39	1 53	1 58	3 44	13 58	5 15	5 34	18 47		n.a.
T 26	0 3	9 7	3 48	11 29	1 38	11 46	3 7	14 0	0 33	0 26	1 9	22 40	1 15	20 21	0 39	1 53	1 58	3 43	13 58	5 14	5 33	18 47		n.a.
W27	0n21	5 18	2 54	11 25	1 48	11 47	2 57	14 14	0 34	0 20	1 9	22 40	1 15	20 20	0 39	1 54	1 58	3 43	13 58	5 14	5 31	18 46		n.a.
T 28	0 44	1 9	1 49	11 18	1 57	11 47	2 46	14 27	0 34	0 14	1 9	22 40	1 15	20 20	0 39	1 55	1 58	3 42	13 58	5 13	5 30	18 46		n.a.
F 29	1 7	3s10	0 36	11 9	2 5	11 47	2 36	14 41	0 35	0 9	1 9	22 40	1 15	20 19	0 39	1 55	1 58	3 41	13 58	5 13	5 29	18 46		n.a.
S 30	1 31	7 23	0n40	10 58	2 13	11 45	2 26	14 54	0 35	0 3	1 9	22 40	1 14	20 19	0 39	1 56	1 58	3 41	13 58	5 13	5 28	18 46		n.a.
S 31	1n54	11s17	1n54	10s45	2s19	11s44	2n16	15n 8	0n36	0n 3	1s 9	22n40	1n14	20s19	0s39	1n56	1n58	3s40	13s57	5s13	5s26	18n46		n.a.

Julian Day Number = 1593644.5, Delta T = 04h03m35s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°54'09, Lahiri = - 8°47'08 Julian Calendar 1 March 350 BCE == Greg. Calendar 24 Feb. 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

APRIL 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 15 57	5♈41'28	18♏19	9♓ 5	24♒ 5	9♉18	2♈58	24°D42	3♒14	29°R38	23♈41	13♎ 4	13♎34	28♊ 7	n.a.	M 1
T 2	12 19 53	6°39'29	2♐32	10° 2	24°42	9°58	3°13	24♋42	3°16	29♏36	23°42	13° 5	13°31	28°14	n.a.	T 2
W 3	12 23 50	7°37'28	16°49	11° 2	25°20	10°37	3°27	24°42	3°18	29°35	23°43	13° 5	13°28	28°20	n.a.	W 3
T 4	12 27 46	8°35'26	1♑ 5	12° 5	25°59	11°16	3°41	24°42	3°20	29°33	23°45	13° 5	13°25	28°27	n.a.	T 4
F 5	12 31 43	9°33'22	15°19	13°11	26°40	11°56	3°55	24°42	3°22	29°31	23°46	13°R 5	13°21	28°34	n.a.	F 5
S 6	12 35 39	10°31'18	29°26	14°19	27°21	12°35	4°10	24°43	3°24	29°30	23°47	13° 5	13°18	28°40	n.a.	S 6
S 7	12 39 36	11°29'11	13♒27	15°30	28° 4	13°14	4°24	24°43	3°25	29°28	23°49	13° 5	13°15	28°47	n.a.	S 7
M 8	12 43 32	12°27'04	27°18	16°44	28°47	13°54	4°38	24°44	3°27	29°27	23°50	13° 5	13°12	28°54	n.a.	M 8
T 9	12 47 29	13°24'55	10♓57	18° 0	29°31	14°33	4°52	24°45	3°29	29°25	23°51	13°D 5	13° 9	29° 1	n.a.	T 9
W10	12 51 26	14°22'44	24°24	19°19	0♈17	15°12	5° 6	24°45	3°30	29°24	23°53	13° 5	13° 5	29° 7	n.a.	W10
T 11	12 55 22	15°20'32	7♈36	20°40	1° 3	15°51	5°21	24°46	3°32	29°22	23°54	13°R 5	13° 2	29°14	n.a.	T 11
F 12	12 59 19	16°18'19	20°34	22° 3	1°50	16°30	5°35	24°47	3°34	29°20	23°55	13° 5	12°59	29°21	n.a.	F 12
S 13	13 3 15	17°16'04	3♉16	23°29	2°37	17° 9	5°49	24°49	3°35	29°19	23°57	13° 5	12°56	29°28	n.a.	S 13
S 14	13 7 12	18°13'47	15°45	24°56	3°26	17°49	6° 3	24°50	3°37	29°17	23°58	13° 4	12°53	29°34	n.a.	S 14
M15	13 11 8	19°11'29	28° 0	26°26	4°15	18°28	6°17	24°51	3°38	29°16	23°59	13° 4	12°50	29°41	n.a.	M15
T 16	13 15 5	20° 9'10	10♊ 5	27°59	5° 5	19° 7	6°31	24°53	3°39	29°14	24° 1	13° 3	12°46	29°48	n.a.	T 16
W17	13 19 1	21° 6'49	22° 3	29°33	5°55	19°46	6°45	24°54	3°41	29°13	24° 2	13° 2	12°43	29°54	n.a.	W17
T 18	13 22 58	22° 4'26	3♋56	1♈10	6°46	20°25	6°59	24°56	3°42	29°11	24° 3	13° 1	12°40	0♋ 1	n.a.	T 18
F 19	13 26 54	23° 2'01	15°49	2°49	7°38	21° 4	7°13	24°58	3°43	29°10	24° 5	13° 1	12°37	0° 8	n.a.	F 19
S 20	13 30 51	23°59'35	27°47	4°30	8°30	21°43	7°27	25° 0	3°44	29° 8	24° 6	13°D 1	12°34	0°15	n.a.	S 20
S 21	13 34 48	24°57'08	9♌54	6°13	9°23	22°22	7°41	25° 2	3°46	29° 7	24° 8	13° 1	12°31	0°21	n.a.	S 21
M22	13 38 44	25°54'39	22°15	7°58	10°17	23° 1	7°55	25° 4	3°47	29° 6	24° 9	13° 2	12°27	0°28	n.a.	M22
T 23	13 42 41	26°52'08	4♍53	9°46	11°11	23°40	8° 9	25° 6	3°48	29° 4	24°10	13° 3	12°24	0°35	n.a.	T 23
W24	13 46 37	27°49'36	17°51	11°35	12° 5	24°18	8°22	25° 8	3°49	29° 3	24°12	13° 4	12°21	0°41	n.a.	W24
T 25	13 50 34	28°47'03	1♎13	13°27	13° 0	24°57	8°36	25°11	3°50	29° 1	24°13	13° 5	12°18	0°48	n.a.	T 25
F 26	13 54 30	29°44'28	14°57	15°21	13°56	25°36	8°50	25°13	3°51	29° 0	24°14	13°R 5	12°15	0°55	n.a.	F 26
S 27	13 58 27	0♉41'52	29° 3	17°17	14°52	26°15	9° 4	25°16	3°51	28°59	24°16	13° 5	12°11	1° 2	n.a.	S 27
S 28	14 2 23	1°39'15	13♏26	19°15	15°48	26°54	9°17	25°18	3°52	28°57	24°17	13° 3	12° 8	1° 8	n.a.	S 28
M29	14 6 20	2°36'37	28° 1	21°15	16°45	27°33	9°31	25°21	3°53	28°56	24°18	13° 1	12° 5	1°15	n.a.	M29
T 30	14 10 17	3♉33'58	12♐41	23♈17	17♓43	28♉11	9♈45	25♋24	3♒54	28♏55	24♈20	12♎59	12♎ 2	1♋22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n17	14s34	3n 3	10s30	2s25	11s41	2n 6	15n21	0n36	0n 9	1s 9	22n40	1n14	20s18	0s39	1n57	1n58	3s40	13s57	5s13	5s25	18n46		n.a.
T 2	2 40	16 59	4 1	10 13	2 31	11 38	1 56	15 34	0 37	0 14	1 9	22 40	1 14	20 18	0 39	1 58	1 58	3 39	13 57	5 14	5 24	18 46		n.a.
W 3	3 4	18 21	4 44	9 55	2 35	11 34	1 47	15 47	0 37	0 20	1 9	22 40	1 14	20 17	0 39	1 58	1 58	3 39	13 57	5 14	5 23	18 45		n.a.
T 4	3 27	18 34	5 10	9 34	2 39	11 29	1 38	16 0	0 38	0 26	1 9	22 40	1 14	20 17	0 39	1 59	1 58	3 38	13 57	5 14	5 21	18 45		n.a.
F 5	3 50	17 36	5 17	9 11	2 43	11 24	1 28	16 13	0 38	0 32	1 9	22 40	1 14	20 16	0 39	2 0	1 58	3 37	13 57	5 14	5 20	18 45		n.a.
S 6	4 13	15 34	5 4	8 47	2 46	11 18	1 20	16 25	0 39	0 37	1 9	22 40	1 14	20 16	0 39	2 0	1 58	3 37	13 57	5 14	5 19	18 45		n.a.
S 7	4 36	12 37	4 34	8 21	2 48	11 11	1 11	16 38	0 39	0 43	1 9	22 40	1 14	20 16	0 39	2 1	1 58	3 36	13 57	5 14	5 18	18 45		n.a.
M 8	4 59	9 0	3 48	7 53	2 49	11 4	1 3	16 50	0 40	0 49	1 9	22 40	1 14	20 15	0 39	2 2	1 58	3 36	13 57	5 14	5 16	18 45		n.a.
T 9	5 21	4 57	2 49	7 24	2 50	10 56	0 54	17 2	0 40	0 54	1 9	22 39	1 14	20 15	0 39	2 2	1 58	3 35	13 56	5 14	5 15	18 44		n.a.
W10	5 44	0 42	1 42	6 53	2 50	10 48	0 46	17 15	0 41	1 0	1 9	22 39	1 14	20 15	0 39	2 3	1 58	3 35	13 56	5 14	5 14	18 44		n.a.
T 11	6 7	3n31	0 30	6 20	2 49	10 39	0 38	17 27	0 41	1 6	1 9	22 39	1 14	20 14	0 39	2 3	1 58	3 34	13 56	5 14	5 13	18 44		n.a.
F 12	6 29	7 29	0s41	5 46	2 48	10 29	0 31	17 38	0 42	1 12	1 9	22 39	1 14	20 14	0 39	2 4	1 58	3 34	13 56	5 14	5 11	18 44		n.a.
S 13	6 52	11 3	1 50	5 10	2 47	10 19	0 23	17 50	0 42	1 17	1 9	22 38	1 14	20 14	0 39	2 5	1 58	3 33	13 56	5 14	5 10	18 44		n.a.
S 14	7 14	14 1	2 51	4 33	2 44	10 8	0 16	18 2	0 42	1 23	1 9	22 38	1 14	20 13	0 39	2 5	1 58	3 32	13 56	5 13	5 9	18 44		n.a.
M15	7 36	16 19	3 44	3 54	2 41	9 56	0 9	18 13	0 43	1 28	1 9	22 38	1 14	20 13	0 39	2 6	1 58	3 32	13 56	5 13	5 8	18 43		n.a.
T 16	7 58	17 51	4 26	3 13	2 38	9 45	0 2	18 25	0 43	1 34	1 9	22 38	1 14	20 13	0 39	2 7	1 58	3 31	13 56	5 13	5 6	18 43		n.a.
W17	8 20	18 34	4 56	2 32	2 34	9 32	0s 5	18 36	0 44	1 40	1 9	22 37	1 14	20 12	0 39	2 7	1 58	3 31	13 56	5 12	5 5	18 43		n.a.
T 18	8 42	18 28	5 13	1 49	2 29	9 19	0 12	18 47	0 44	1 45	1 9	22 37	1 14	20 12	0 39	2 8	1 58	3 30	13 56	5 12	5 4	18 43		n.a.
F 19	9 4	17 33	5 16	1 4	2 24	9 6	0 18	18 58	0 45	1 51	1 9	22 36	1 14	20 12	0 39	2 8	1 58	3 30	13 56	5 12	5 3	18 43		n.a.
S 20	9 25	15 52	5 6	0 18	2 18	8 52	0 25	19 8	0 45	1 56	1 9	22 36	1 14	20 12	0 39	2 9	1 58	3 29	13 56	5 12	5 1	18 42		n.a.
S 21	9 47	13 27	4 42	0n29	2 12	8 37	0 31	19 19	0 45	2 2	1 9	22 36	1 13	20 11	0 39	2 9	1 58	3 29	13 56	5 12	5 0	18 42		n.a.
M22	10 8	10 24	4 5	1 17	2 5	8 22	0 37	19 29	0 46	2 7	1 9	22 35	1 13	20 11	0 39	2 10	1 58	3 28	13 56	5 12	4 59	18 42		n.a.
T 23	10 29	6 48	3 16	2 6	1 58	8 7	0 42	19 40	0 46	2 13	1 9	22 35	1 13	20 11	0 40	2 10	1 58	3 28	13 56	5 13	4 58	18 42		n.a.
W24	10 50	2 47	2 15	2 57	1 50	7 51	0 48	19 50	0 47	2 18	1 9	22 34	1 13	20 11	0 40	2 11	1 58	3 27	13 56	5 13	4 56	18 42		n.a.
T 25	11 11	1s29	1 5	3 48	1 42	7 34	0 53	20 0	0 47	2 24	1 9	22 34	1 13	20 11	0 40	2 12	1 58	3 27	13 56	5 14	4 55	18 41		n.a.
F 26	11 31	5 48	0n10	4 41	1 34	7 18	0 58	20 10	0 47	2 29	1 9	22 33	1 13	20 10	0 40	2 12	1 58	3 26	13 56	5 14	4 54	18 41		n.a.
S 27	11 51	9 55	1 27	5 34	1 25	7 0	1 3	20 20	0 48	2 35	1 9	22 33	1 13	20 10	0 40	2 13	1 58	3 26	13 56	5 14	4 53	18 41		n.a.
S 28	12 12	13 32	2 40	6 28	1 15	6 43	1 8	20 29	0 48	2 40	1 9	22 32	1 13	20 10	0 40	2 13	1 58	3 25	13 56	5 13	4 51	18 41		n.a.
M29	12 32	16 20	3 43	7 23	1 5	6 25	1 13	20 38	0 49	2 46	1 9	22 32	1 13	20 10	0 40	2 14	1 58	3 25	13 56	5 12	4 50	18 41		n.a.
T 30	12n52	18s 6	4n32	8n18	0s55	6s 6	1s18	20n48	0n49	2n51	1s 9	22n31	1n13	20s10	0s40	2n14	1n58	3s24	13s56	5s11	4s49	18n40		n.a.

Julian Day Number = 1593675.5, Delta T = 04h03m34s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°54'05, Lahiri = - 8°47'04 Julian Calendar 1 Apr. 350 BCE == Greg. Calendar 27 March 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

MAY 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 14 13	4♉31'18	27♐21	25♈21	18♓40	28♉50	9♈58	25♋27	3♒54	28°R53	24♈21	12°R56	11♎59	1♋28	n.a.	W 1
T 2	14 18 10	5°28'38	11♑53	27°27	19°39	29°29	10°12	25°30	3°55	28♍52	24°22	12♎54	11°56	1°35	n.a.	T 2
F 3	14 22 6	6°25'57	26°14	29°34	20°37	0♊ 8	10°25	25°33	3°56	28°51	24°24	12°53	11°52	1°42	n.a.	F 3
S 4	14 26 3	7°23'16	10♒19	1♉42	21°36	0°46	10°39	25°36	3°56	28°50	24°25	12°D52	11°49	1°49	n.a.	S 4
S 5	14 29 59	8°20'33	24° 9	3°51	22°35	1°25	10°52	25°39	3°57	28°49	24°26	12°53	11°46	1°55	n.a.	S 5
M 6	14 33 56	9°17'51	7♓42	6° 2	23°35	2° 4	11° 6	25°43	3°57	28°47	24°28	12°54	11°43	2° 2	n.a.	M 6
T 7	14 37 52	10°15'07	21° 0	8°13	24°35	2°42	11°19	25°46	3°57	28°46	24°29	12°56	11°40	2° 9	n.a.	T 7
W 8	14 41 49	11°12'23	4♈ 3	10°25	25°35	3°21	11°32	25°50	3°58	28°45	24°30	12°57	11°37	2°16	n.a.	W 8
T 9	14 45 46	12° 9'39	16°53	12°37	26°36	4° 0	11°45	25°54	3°58	28°44	24°32	12°R57	11°33	2°22	n.a.	T 9
F 10	14 49 42	13° 6'53	29°30	14°48	27°37	4°38	11°58	25°57	3°58	28°43	24°33	12°56	11°30	2°29	n.a.	F 10
S 11	14 53 39	14° 4'08	11♉57	17° 0	28°38	5°17	12°12	26° 1	3°58	28°42	24°34	12°53	11°27	2°36	n.a.	S 11
S 12	14 57 35	15° 1'21	24°14	19°10	29°39	5°55	12°25	26° 5	3°59	28°41	24°36	12°49	11°24	2°42	n.a.	S 12
M13	15 1 32	15°58'34	6♊21	21°20	0♈41	6°34	12°38	26° 9	3°59	28°40	24°37	12°44	11°21	2°49	n.a.	M13
T 14	15 5 28	16°55'47	18°22	23°29	1°43	7°13	12°51	26°13	3°R59	28°39	24°38	12°38	11°17	2°56	n.a.	T 14
W15	15 9 25	17°52'58	0♋17	25°36	2°45	7°51	13° 4	26°17	3°59	28°38	24°39	12°32	11°14	3° 3	n.a.	W15
T 16	15 13 21	18°50'09	12° 9	27°42	3°48	8°30	13°16	26°22	3°59	28°37	24°41	12°26	11°11	3° 9	n.a.	T 16
F 17	15 17 18	19°47'19	24° 1	29°46	4°51	9° 8	13°29	26°26	3°59	28°36	24°42	12°22	11° 8	3°16	n.a.	F 17
S 18	15 21 15	20°44'29	5♌57	1♊49	5°54	9°47	13°42	26°30	3°58	28°35	24°43	12°19	11° 5	3°23	n.a.	S 18
S 19	15 25 11	21°41'38	18° 2	3°49	6°57	10°25	13°54	26°35	3°58	28°35	24°44	12°D18	11° 2	3°29	n.a.	S 19
M20	15 29 8	22°38'46	0♍20	5°48	8° 0	11° 4	14° 7	26°39	3°58	28°34	24°46	12°18	10°58	3°36	n.a.	M20
T 21	15 33 4	23°35'53	12°55	7°44	9° 4	11°42	14°20	26°44	3°58	28°33	24°47	12°19	10°55	3°43	n.a.	T 21
W22	15 37 1	24°33'00	25°53	9°39	10° 8	12°21	14°32	26°49	3°57	28°32	24°48	12°21	10°52	3°50	n.a.	W22
T 23	15 40 57	25°30'06	9♎15	11°31	11°12	12°59	14°44	26°53	3°57	28°32	24°49	12°R22	10°49	3°56	n.a.	T 23
F 24	15 44 54	26°27'12	23° 5	13°21	12°16	13°37	14°57	26°58	3°56	28°31	24°50	12°21	10°46	4° 3	n.a.	F 24
S 25	15 48 50	27°24'18	7♏21	15° 9	13°21	14°16	15° 9	27° 3	3°56	28°30	24°52	12°19	10°42	4°10	n.a.	S 25
S 26	15 52 47	28°21'23	22° 1	16°54	14°26	14°54	15°21	27° 8	3°55	28°29	24°53	12°15	10°39	4°17	n.a.	S 26
M27	15 56 44	29°18'28	6♐58	18°38	15°30	15°33	15°33	27°13	3°55	28°29	24°54	12° 9	10°36	4°23	n.a.	M27
T 28	16 0 40	0♊15'33	22° 2	20°19	16°35	16°11	15°45	27°18	3°54	28°28	24°55	12° 2	10°33	4°30	n.a.	T 28
W29	16 4 37	1°12'38	7♑ 5	21°58	17°41	16°49	15°57	27°24	3°54	28°28	24°56	11°55	10°30	4°37	n.a.	W29
T 30	16 8 33	2° 9'43	21°58	23°35	18°46	17°28	16° 9	27°29	3°53	28°27	24°57	11°49	10°27	4°43	n.a.	T 30
F 31	16 12 30	3♊ 6'49	6♒33	25♊ 9	19♈52	18♊ 6	16♈21	27♋34	3♒52	28♍27	24♈58	11♎44	10♎23	4♋50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	13n11	18s40	5n 3	9n14	0s45	5s47	1s22	20n57	0n49	2n56	1s 9	22n31	1n13	20s10	0s40	2n15	1n58	3s24	13s56	5s10	4s48	18n40			n.a.
T 2	13 31	17 59	5 14	10 9	0 35	5 28	1 26	21 6	0 50	3 2	1 9	22 30	1 13	20 9	0 40	2 15	1 58	3 23	13 56	5 9	4 46	18 40			n.a.
F 3	13 50	16 9	5 6	11 5	0 24	5 9	1 30	21 14	0 50	3 7	1 9	22 29	1 13	20 9	0 40	2 15	1 58	3 23	13 56	5 9	4 45	18 40			n.a.
S 4	14 9	13 23	4 39	12 0	0 13	4 49	1 34	21 23	0 50	3 12	1 9	22 29	1 13	20 9	0 40	2 16	1 58	3 23	13 56	5 9	4 44	18 39			n.a.
S 5	14 28	9 55	3 57	12 55	0 3	4 28	1 38	21 32	0 51	3 18	1 9	22 28	1 13	20 9	0 40	2 16	1 58	3 22	13 56	5 9	4 43	18 39			n.a.
M 6	14 46	5 59	3 2	13 49	0n 8	4 8	1 42	21 40	0 51	3 23	1 9	22 27	1 13	20 9	0 40	2 17	1 57	3 22	13 56	5 9	4 41	18 39			n.a.
T 7	15 4	1 49	1 58	14 43	0 19	3 47	1 45	21 48	0 51	3 28	1 9	22 27	1 13	20 9	0 40	2 17	1 57	3 21	13 56	5 10	4 40	18 39			n.a.
W 8	15 23	2n22	0 49	15 35	0 29	3 26	1 48	21 56	0 52	3 33	1 9	22 26	1 13	20 9	0 40	2 18	1 57	3 21	13 56	5 10	4 39	18 38			n.a.
T 9	15 40	6 23	0s21	16 26	0 39	3 4	1 52	22 4	0 52	3 38	1 9	22 25	1 13	20 9	0 40	2 18	1 57	3 20	13 56	5 11	4 37	18 38			n.a.
F 10	15 58	10 3	1 29	17 15	0 49	2 42	1 55	22 11	0 52	3 44	1 10	22 24	1 13	20 9	0 40	2 18	1 57	3 20	13 56	5 10	4 36	18 38			n.a.
S 11	16 15	13 12	2 32	18 2	0 58	2 20	1 57	22 19	0 53	3 49	1 10	22 24	1 13	20 9	0 40	2 19	1 57	3 20	13 56	5 9	4 35	18 38			n.a.
S 12	16 33	15 44	3 26	18 48	1 7	1 58	2 0	22 26	0 53	3 54	1 10	22 23	1 13	20 9	0 40	2 19	1 57	3 19	13 56	5 7	4 34	18 37			n.a.
M13	16 49	17 31	4 11	19 31	1 15	1 36	2 3	22 33	0 53	3 59	1 10	22 22	1 13	20 9	0 40	2 19	1 57	3 19	13 56	5 5	4 32	18 37			n.a.
T 14	17 6	18 31	4 43	20 12	1 23	1 13	2 5	22 40	0 54	4 4	1 10	22 21	1 13	20 9	0 40	2 20	1 57	3 18	13 56	5 3	4 31	18 37			n.a.
W15	17 22	18 40	5 4	20 51	1 30	0 50	2 7	22 47	0 54	4 9	1 10	22 20	1 12	20 9	0 40	2 20	1 57	3 18	13 57	5 1	4 30	18 36			n.a.
T 16	17 38	18 1	5 11	21 27	1 36	0 27	2 10	22 53	0 54	4 14	1 10	22 20	1 12	20 9	0 40	2 20	1 57	3 18	13 57	4 58	4 29	18 36			n.a.
F 17	17 54	16 35	5 4	22 0	1 42	0 4	2 12	23 0	0 55	4 19	1 10	22 19	1 12	20 9	0 40	2 21	1 57	3 17	13 57	4 57	4 27	18 36			n.a.
S 18	18 10	14 25	4 45	22 31	1 47	0n20	2 14	23 6	0 55	4 24	1 10	22 18	1 12	20 9	0 40	2 21	1 57	3 17	13 57	4 56	4 26	18 36			n.a.
S 19	18 25	11 37	4 13	23 0	1 51	0 44	2 15	23 12	0 55	4 29	1 10	22 17	1 12	20 9	0 40	2 21	1 57	3 17	13 57	4 55	4 25	18 35			n.a.
M20	18 40	8 15	3 28	23 26	1 55	1 7	2 17	23 18	0 56	4 33	1 10	22 16	1 12	20 9	0 41	2 22	1 57	3 16	13 57	4 55	4 24	18 35			n.a.
T 21	18 54	4 26	2 33	23 49	1 58	1 31	2 18	23 23	0 56	4 38	1 10	22 15	1 12	20 10	0 41	2 22	1 57	3 16	13 57	4 56	4 22	18 35			n.a.
W22	19 8	0 19	1 28	24 9	2 0	1 55	2 20	23 29	0 56	4 43	1 10	22 14	1 12	20 10	0 41	2 22	1 57	3 16	13 57	4 56	4 21	18 34			n.a.
T 23	19 22	3s58	0 17	24 27	2 2	2 20	2 21	23 34	0 56	4 48	1 10	22 13	1 12	20 10	0 41	2 22	1 57	3 15	13 57	4 57	4 20	18 34			n.a.
F 24	19 36	8 11	0n58	24 43	2 3	2 44	2 22	23 39	0 57	4 53	1 11	22 12	1 12	20 10	0 41	2 23	1 57	3 15	13 57	4 56	4 19	18 34			n.a.
S 25	19 49	12 5	2 11	24 56	2 3	3 8	2 23	23 44	0 57	4 57	1 11	22 11	1 12	20 10	0 41	2 23	1 57	3 15	13 58	4 56	4 17	18 34			n.a.
S 26	20 2	15 19	3 17	25 7	2 3	3 33	2 24	23 49	0 57	5 2	1 11	22 10	1 12	20 10	0 41	2 23	1 57	3 14	13 58	4 54	4 16	18 33			n.a.
M27	20 15	17 36	4 12	25 15	2 1	3 57	2 25	23 54	0 58	5 7	1 11	22 9	1 12	20 10	0 41	2 23	1 57	3 14	13 58	4 52	4 15	18 33			n.a.
T 28	20 27	18 41	4 49	25 22	2 0	4 22	2 25	23 58	0 58	5 11	1 11	22 8	1 12	20 11	0 41	2 24	1 56	3 14	13 58	4 49	4 14	18 33			n.a.
W29	20 39	18 27	5 6	25 26	1 57	4 47	2 26	24 2	0 58	5 16	1 11	22 7	1 12	20 11	0 41	2 24	1 56	3 14	13 58	4 46	4 12	18 32			n.a.
T 30	20 51	16 57	5 2	25 29	1 54	5 11	2 26	24 6	0 58	5 20	1 11	22 6	1 12	20 11	0 41	2 24	1 56	3 13	13 58	4 44	4 11	18 32			n.a.
F 31	21n 2	14s22	4n39	25n29	1n50	5n36	2s26	24n10	0n59	5n25	1s11	22n 5	1n12	20s11	0s41	2n24	1n56	3s13	13s58	4s42	4s10	18n32			n.a.

Julian Day Number = 1593705.5, Delta T = 04h03m33s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°54'01, Lahiri = - 8°47'00 Julian Calendar 1 May 350 BCE == Greg. Calendar 26 Apr. 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

JUNE 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 16 26	4♊ 3'54	20♒45	26♊42	20♈58	18♊44	16♈33	27♋40	3°R51	28°R26	25♈ 0	11°R42	10♎20	4♋57	n.a.	S 1
S 2	16 20 23	5° 1'00	4♓34	28°12	22° 4	19°23	16°44	27°45	3♒50	28♍26	25° 1	11°D41	10°17	5° 4	n.a.	S 2
M 3	16 24 20	5°58'06	18° 0	29°39	23°10	20° 1	16°56	27°51	3°50	28°25	25° 2	11♎41	10°14	5°10	n.a.	M 3
T 4	16 28 16	6°55'13	1♈ 6	1♋ 5	24°16	20°39	17° 7	27°56	3°49	28°25	25° 3	11°42	10°11	5°17	n.a.	T 4
W 5	16 32 13	7°52'20	13°54	2°28	25°22	21°18	17°19	28° 2	3°48	28°25	25° 4	11°R43	10° 8	5°24	n.a.	W 5
T 6	16 36 9	8°49'27	26°27	3°49	26°29	21°56	17°30	28° 8	3°47	28°24	25° 5	11°41	10° 4	5°31	n.a.	T 6
F 7	16 40 6	9°46'35	8♉49	5° 7	27°36	22°34	17°41	28°14	3°45	28°24	25° 6	11°38	10° 1	5°37	n.a.	F 7
S 8	16 44 2	10°43'44	21° 2	6°23	28°42	23°13	17°52	28°19	3°44	28°24	25° 7	11°32	9°58	5°44	n.a.	S 8
S 9	16 47 59	11°40'52	3♊ 7	7°36	29°49	23°51	18° 3	28°25	3°43	28°24	25° 8	11°24	9°55	5°51	n.a.	S 9
M10	16 51 55	12°38'01	15° 7	8°46	0♉57	24°29	18°14	28°31	3°42	28°23	25° 9	11°14	9°52	5°57	n.a.	M10
T 11	16 55 52	13°35'11	27° 2	9°55	2° 4	25° 7	18°25	28°37	3°41	28°23	25°10	11° 2	9°48	6° 4	n.a.	T 11
W12	16 59 49	14°32'20	8♋55	11° 0	3°11	25°46	18°36	28°43	3°39	28°23	25°11	10°51	9°45	6°11	n.a.	W12
T 13	17 3 45	15°29'30	20°46	12° 2	4°19	26°24	18°47	28°50	3°38	28°23	25°12	10°40	9°42	6°18	n.a.	T 13
F 14	17 7 42	16°26'41	2♌38	13° 2	5°26	27° 2	18°57	28°56	3°37	28°23	25°13	10°31	9°39	6°24	n.a.	F 14
S 15	17 11 38	17°23'51	14°35	13°58	6°34	27°40	19° 8	29° 2	3°35	28°D23	25°14	10°24	9°36	6°31	n.a.	S 15
S 16	17 15 35	18°21'02	26°38	14°51	7°42	28°19	19°18	29° 8	3°34	28°23	25°14	10°19	9°33	6°38	n.a.	S 16
M17	17 19 31	19°18'13	8♍54	15°42	8°50	28°57	19°28	29°15	3°32	28°23	25°15	10°17	9°29	6°45	n.a.	M17
T 18	17 23 28	20°15'25	21°26	16°28	9°58	29°35	19°38	29°21	3°31	28°23	25°16	10°D17	9°26	6°51	n.a.	T 18
W19	17 27 24	21°12'36	4♎18	17°11	11° 6	0♋13	19°48	29°27	3°29	28°23	25°17	10°R17	9°23	6°58	n.a.	W19
T 20	17 31 21	22° 9'48	17°36	17°50	12°15	0°51	19°58	29°34	3°28	28°23	25°18	10°17	9°20	7° 5	n.a.	T 20
F 21	17 35 18	23° 7'01	1♏22	18°26	13°23	1°30	20° 8	29°40	3°26	28°24	25°19	10°15	9°17	7°11	n.a.	F 21
S 22	17 39 14	24° 4'14	15°38	18°57	14°32	2° 8	20°18	29°47	3°25	28°24	25°19	10°11	9°14	7°18	n.a.	S 22
S 23	17 43 11	25° 1'28	0♐20	19°25	15°41	2°46	20°27	29°54	3°23	28°24	25°20	10° 5	9°10	7°25	n.a.	S 23
M24	17 47 7	25°58'42	15°25	19°48	16°49	3°24	20°37	0♑ 0	3°21	28°24	25°21	9°57	9° 7	7°32	n.a.	M24
T 25	17 51 4	26°55'57	0♑42	20° 6	17°58	4° 2	20°46	0° 7	3°19	28°25	25°22	9°47	9° 4	7°38	n.a.	T 25
W26	17 55 0	27°53'13	16° 0	20°20	19° 7	4°41	20°55	0°14	3°18	28°25	25°22	9°36	9° 1	7°45	n.a.	W26
T 27	17 58 57	28°50'30	1♒ 9	20°28	20°16	5°19	21° 4	0°21	3°16	28°25	25°23	9°27	8°58	7°52	n.a.	T 27
F 28	18 2 54	29°47'48	15°58	20°R32	21°26	5°57	21°13	0°27	3°14	28°26	25°24	9°19	8°54	7°58	n.a.	F 28
S 29	18 6 50	0♋45'07	0♓22	20°31	22°35	6°35	21°22	0°34	3°12	28°26	25°25	9°14	8°51	8° 5	n.a.	S 29
S 30	18 10 47	1♋42'27	14♓18	20♋25	23♉44	7♋13	21♈31	0♌41	3♒10	28♍27	25♈25	9♎12	8♎48	8♋12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n13	10s59	3n59	25n28	1n46	6n 1	2s27	24n14	0n59	5n29	1s11	22n 4	1n12	20s11	0s41	2n24	1n56	3s13	13s59	4s41	4s 9	18n31		n.a.
S 2	21 24	7 4	3 6	25 25	1 41	6 26	2 27	24 17	0 59	5 34	1 11	22 3	1 12	20 12	0 41	2 24	1 56	3 13	13 59	4 40	4 7	18 31		n.a.
M 3	21 34	2 54	2 4	25 20	1 36	6 51	2 27	24 21	0 59	5 38	1 11	22 1	1 12	20 12	0 41	2 24	1 56	3 12	13 59	4 41	4 6	18 31		n.a.
T 4	21 44	1n18	0 57	25 14	1 30	7 15	2 26	24 24	1 0	5 42	1 12	22 0	1 12	20 12	0 41	2 24	1 56	3 12	13 59	4 41	4 5	18 30		n.a.
W 5	21 54	5 22	0s12	25 6	1 23	7 40	2 26	24 27	1 0	5 47	1 12	21 59	1 12	20 12	0 41	2 25	1 56	3 12	13 59	4 41	4 3	18 30		n.a.
T 6	22 3	9 7	1 18	24 57	1 16	8 5	2 26	24 29	1 0	5 51	1 12	21 58	1 12	20 13	0 41	2 25	1 56	3 12	13 59	4 41	4 2	18 30		n.a.
F 7	22 11	12 25	2 20	24 46	1 8	8 29	2 25	24 32	1 0	5 55	1 12	21 57	1 12	20 13	0 41	2 25	1 56	3 11	13 59	4 39	4 1	18 29		n.a.
S 8	22 20	15 7	3 14	24 35	1 0	8 54	2 25	24 34	1 1	5 59	1 12	21 55	1 12	20 13	0 41	2 25	1 56	3 11	14 0	4 37	4 0	18 29		n.a.
S 9	22 28	17 8	3 59	24 22	0 52	9 18	2 24	24 36	1 1	6 3	1 12	21 54	1 12	20 14	0 41	2 25	1 56	3 11	14 0	4 34	3 58	18 29		n.a.
M10	22 35	18 23	4 32	24 9	0 42	9 42	2 23	24 38	1 1	6 8	1 12	21 53	1 12	20 14	0 41	2 25	1 56	3 11	14 0	4 30	3 57	18 28		n.a.
T 11	22 43	18 48	4 54	23 54	0 33	10 7	2 22	24 40	1 1	6 12	1 12	21 52	1 12	20 14	0 41	2 25	1 56	3 11	14 0	4 25	3 56	18 28		n.a.
W12	22 50	18 24	5 3	23 39	0 23	10 31	2 22	24 42	1 2	6 16	1 12	21 50	1 12	20 15	0 41	2 25	1 56	3 11	14 0	4 21	3 55	18 28		n.a.
T 13	22 56	17 12	4 58	23 23	0 12	10 55	2 20	24 43	1 2	6 20	1 13	21 49	1 12	20 15	0 41	2 25	1 56	3 10	14 1	4 16	3 53	18 27		n.a.
F 14	23 2	15 15	4 41	23 7	0 1	11 19	2 19	24 44	1 2	6 24	1 13	21 48	1 12	20 15	0 41	2 25	1 55	3 10	14 1	4 13	3 52	18 27		n.a.
S 15	23 8	12 39	4 11	22 50	0s10	11 42	2 18	24 45	1 2	6 27	1 13	21 47	1 12	20 16	0 41	2 25	1 55	3 10	14 1	4 10	3 51	18 26		n.a.
S 16	23 13	9 30	3 30	22 32	0 22	12 6	2 17	24 46	1 3	6 31	1 13	21 45	1 12	20 16	0 41	2 25	1 55	3 10	14 1	4 8	3 50	18 26		n.a.
M17	23 18	5 53	2 39	22 15	0 34	12 29	2 15	24 47	1 3	6 35	1 13	21 44	1 12	20 16	0 41	2 25	1 55	3 10	14 1	4 7	3 48	18 26		n.a.
T 18	23 22	1 56	1 38	21 57	0 46	12 52	2 14	24 47	1 3	6 39	1 13	21 43	1 12	20 17	0 42	2 24	1 55	3 10	14 2	4 7	3 47	18 25		n.a.
W19	23 26	2s13	0 32	21 39	0 59	13 15	2 12	24 47	1 3	6 42	1 13	21 41	1 12	20 17	0 42	2 24	1 55	3 10	14 2	4 7	3 46	18 25		n.a.
T 20	23 30	6 24	0n39	21 21	1 12	13 38	2 11	24 47	1 3	6 46	1 14	21 40	1 12	20 18	0 42	2 24	1 55	3 10	14 2	4 7	3 45	18 25		n.a.
F 21	23 33	10 23	1 49	21 3	1 25	14 0	2 9	24 47	1 4	6 50	1 14	21 38	1 12	20 18	0 42	2 24	1 55	3 9	14 2	4 7	3 43	18 24		n.a.
S 22	23 36	13 55	2 56	20 45	1 38	14 22	2 7	24 47	1 4	6 53	1 14	21 37	1 12	20 18	0 42	2 24	1 55	3 9	14 2	4 5	3 42	18 24		n.a.
S 23	23 38	16 41	3 52	20 28	1 52	14 44	2 5	24 46	1 4	6 57	1 14	21 36	1 12	20 19	0 42	2 24	1 55	3 9	14 3	4 3	3 41	18 23		n.a.
M24	23 40	18 23	4 34	20 11	2 6	15 6	2 3	24 46	1 4	7 0	1 14	21 34	1 12	20 19	0 42	2 24	1 55	3 9	14 3	3 59	3 39	18 23		n.a.
T 25	23 42	18 47	4 57	19 55	2 19	15 27	2 1	24 45	1 4	7 4	1 14	21 33	1 12	20 20	0 42	2 23	1 55	3 9	14 3	3 55	3 38	18 23		n.a.
W26	23 43	17 49	4 59	19 39	2 33	15 48	1 59	24 44	1 5	7 7	1 14	21 31	1 12	20 20	0 42	2 23	1 55	3 9	14 3	3 51	3 37	18 22		n.a.
T 27	23 44	15 36	4 40	19 24	2 47	16 9	1 57	24 42	1 5	7 10	1 15	21 30	1 12	20 21	0 42	2 23	1 55	3 9	14 4	3 47	3 36	18 22		n.a.
F 28	23 44	12 24	4 2	19 11	3 0	16 29	1 55	24 41	1 5	7 14	1 15	21 28	1 12	20 21	0 42	2 23	1 55	3 9	14 4	3 44	3 34	18 21		n.a.
S 29	23 44	8 31	3 10	18 58	3 13	16 50	1 53	24 39	1 5	7 17	1 15	21 27	1 12	20 22	0 42	2 23	1 55	3 9	14 4	3 42	3 33	18 21		n.a.
S 30	23n43	4s18	2n 8	18n46	3s26	17n 9	1s51	24n37	1n 5	7n20	1s15	21n25	1n12	20s22	0s42	2n22	1n55	3s 9	14s 4	3s41	3s32	18n21		n.a.

Julian Day Number = 1593736.5, Delta T = 04h03m32s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'56, Lahiri = - 8°46'56 Julian Calendar 1 June 350 BCE == Greg. Calendar 27 May 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

JULY 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 14 43	2♋39'48	27♓46	20°R13	24♉54	7♋52	21♈40	0♌48	3°R 8	28♍27	25♈26	9°R11	8♎45	8♋19	n.a.	M 1
T 2	18 18 40	3°37'11	10♈50	19♋57	26° 4	8°30	21°48	0°55	3♒ 6	28°28	25°26	9♎11	8°42	8°25	n.a.	T 2
W 3	18 22 36	4°34'35	23°32	19°35	27°13	9° 8	21°56	1° 2	3° 4	28°28	25°27	9°11	8°39	8°32	n.a.	W 3
T 4	18 26 33	5°32'00	5♉57	19° 8	28°23	9°46	22° 5	1° 9	3° 2	28°29	25°28	9° 9	8°35	8°39	n.a.	T 4
F 5	18 30 29	6°29'27	18° 9	18°37	29°33	10°24	22°13	1°16	3° 0	28°29	25°28	9° 4	8°32	8°46	n.a.	F 5
S 6	18 34 26	7°26'55	0♊13	18° 2	0♊43	11° 3	22°21	1°23	2°58	28°30	25°29	8°57	8°29	8°52	n.a.	S 6
S 7	18 38 23	8°24'25	12°11	17°22	1°53	11°41	22°28	1°30	2°56	28°31	25°29	8°47	8°26	8°59	n.a.	S 7
M 8	18 42 19	9°21'56	24° 5	16°39	3° 3	12°19	22°36	1°37	2°54	28°31	25°30	8°35	8°23	9° 6	n.a.	M 8
T 9	18 46 16	10°19'28	5♋57	15°54	4°14	12°57	22°44	1°45	2°52	28°32	25°30	8°21	8°20	9°12	n.a.	T 9
W10	18 50 12	11°17'02	17°49	15° 6	5°24	13°35	22°51	1°52	2°50	28°33	25°31	8° 7	8°16	9°19	n.a.	W10
T 11	18 54 9	12°14'36	29°42	14°18	6°35	14°14	22°58	1°59	2°47	28°34	25°31	7°53	8°13	9°26	n.a.	T 11
F 12	18 58 5	13°12'12	11♌38	13°29	7°45	14°52	23° 5	2° 6	2°45	28°35	25°31	7°42	8°10	9°33	n.a.	F 12
S 13	19 2 2	14° 9'49	23°38	12°41	8°56	15°30	23°12	2°14	2°43	28°35	25°32	7°33	8° 7	9°39	n.a.	S 13
S 14	19 5 58	15° 7'27	5♍45	11°54	10° 6	16° 8	23°19	2°21	2°41	28°36	25°32	7°27	8° 4	9°46	n.a.	S 14
M15	19 9 55	16° 5'07	18° 3	11°10	11°17	16°46	23°26	2°28	2°38	28°37	25°33	7°24	8° 0	9°53	n.a.	M15
T 16	19 13 52	17° 2'47	0♎35	10°29	12°28	17°25	23°32	2°36	2°36	28°38	25°33	7°23	7°57	10° 0	n.a.	T 16
W17	19 17 48	18° 0'29	13°25	9°53	13°39	18° 3	23°38	2°43	2°34	28°39	25°33	7°23	7°54	10° 6	n.a.	W17
T 18	19 21 45	18°58'12	26°38	9°22	14°50	18°41	23°45	2°50	2°32	28°40	25°34	7°22	7°51	10°13	n.a.	T 18
F 19	19 25 41	19°55'56	10♏17	8°56	16° 1	19°19	23°51	2°58	2°29	28°41	25°34	7°21	7°48	10°20	n.a.	F 19
S 20	19 29 38	20°53'42	24°23	8°37	17°12	19°57	23°56	3° 5	2°27	28°42	25°34	7°18	7°45	10°26	n.a.	S 20
S 21	19 33 34	21°51'29	8♐56	8°25	18°24	20°36	24° 2	3°13	2°25	28°43	25°34	7°12	7°41	10°33	n.a.	S 21
M22	19 37 31	22°49'17	23°53	8°D20	19°35	21°14	24° 8	3°20	2°22	28°45	25°35	7° 4	7°38	10°40	n.a.	M22
T 23	19 41 27	23°47'06	9♑ 6	8°23	20°47	21°52	24°13	3°27	2°20	28°46	25°35	6°54	7°35	10°47	n.a.	T 23
W24	19 45 24	24°44'57	24°24	8°33	21°58	22°30	24°18	3°35	2°18	28°47	25°35	6°44	7°32	10°53	n.a.	W24
T 25	19 49 21	25°42'50	9♒37	8°51	23°10	23° 8	24°23	3°42	2°15	28°48	25°35	6°34	7°29	11° 0	n.a.	T 25
F 26	19 53 17	26°40'44	24°34	9°18	24°21	23°47	24°28	3°50	2°13	28°49	25°35	6°27	7°26	11° 7	n.a.	F 26
S 27	19 57 14	27°38'41	9♓ 6	9°52	25°33	24°25	24°33	3°57	2°10	28°51	25°35	6°22	7°22	11°14	n.a.	S 27
S 28	20 1 10	28°36'39	23°10	10°34	26°45	25° 3	24°37	4° 5	2° 8	28°52	25°35	6°19	7°19	11°20	n.a.	S 28
M29	20 5 7	29°34'39	6♈45	11°23	27°57	25°41	24°41	4°12	2° 6	28°53	25°35	6°D19	7°16	11°27	n.a.	M29
T 30	20 9 3	0♌32'41	19°53	12°20	29° 9	26°20	24°46	4°20	2° 3	28°55	25°36	6°19	7°13	11°34	n.a.	T 30
W31	20 13 0	1♌30'45	2♉36	13♋23	0♋21	26♋58	24♈49	4♌27	2♒ 1	28♍56	25♈36	6°R19	7♎10	11♋40	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n42	0n 1	1n 0	18n36	3s38	17n29	1s48	24n35	1n 5	7n23	1s15	21n24	1n12	20s23	0s42	2n22	1n54	3s 9	14s 5	3s41	3s31	18n20			n.a.
T 2	23 41	4 12	0s 9	18 27	3 50	17 48	1 46	24 33	1 6	7 26	1 15	21 22	1 12	20 23	0 42	2 22	1 54	3 9	14 5	3 41	3 29	18 20			n.a.
W 3	23 39	8 5	1 15	18 19	4 0	18 6	1 43	24 31	1 6	7 29	1 15	21 21	1 12	20 23	0 42	2 22	1 54	3 9	14 5	3 41	3 28	18 19			n.a.
T 4	23 37	11 32	2 16	18 13	4 10	18 24	1 41	24 28	1 6	7 32	1 16	21 19	1 12	20 24	0 42	2 21	1 54	3 9	14 5	3 40	3 27	18 19			n.a.
F 5	23 34	14 24	3 10	18 9	4 19	18 42	1 38	24 25	1 6	7 35	1 16	21 18	1 12	20 24	0 42	2 21	1 54	3 9	14 5	3 38	3 26	18 18			n.a.
S 6	23 31	16 37	3 55	18 6	4 27	19 0	1 36	24 22	1 6	7 38	1 16	21 16	1 12	20 25	0 42	2 21	1 54	3 9	14 6	3 35	3 24	18 18			n.a.
S 7	23 28	18 6	4 28	18 5	4 33	19 17	1 33	24 19	1 6	7 41	1 16	21 15	1 12	20 25	0 42	2 20	1 54	3 9	14 6	3 31	3 23	18 18			n.a.
M 8	23 24	18 46	4 50	18 6	4 37	19 33	1 30	24 16	1 7	7 43	1 16	21 13	1 12	20 26	0 42	2 20	1 54	3 9	14 6	3 26	3 22	18 17			n.a.
T 9	23 20	18 37	4 59	18 8	4 40	19 49	1 28	24 12	1 7	7 46	1 16	21 11	1 12	20 27	0 42	2 20	1 54	3 9	14 6	3 21	3 20	18 17			n.a.
W10	23 15	17 39	4 55	18 12	4 42	20 5	1 25	24 8	1 7	7 49	1 17	21 10	1 12	20 27	0 42	2 19	1 54	3 9	14 7	3 15	3 19	18 16			n.a.
T 11	23 10	15 56	4 39	18 18	4 41	20 20	1 22	24 5	1 7	7 51	1 17	21 8	1 12	20 28	0 42	2 19	1 54	3 10	14 7	3 10	3 18	18 16			n.a.
F 12	23 4	13 31	4 9	18 25	4 39	20 34	1 19	24 0	1 7	7 54	1 17	21 7	1 12	20 28	0 42	2 19	1 54	3 10	14 7	3 5	3 17	18 15			n.a.
S 13	22 58	10 31	3 29	18 34	4 35	20 48	1 16	23 56	1 7	7 56	1 17	21 5	1 12	20 29	0 42	2 18	1 54	3 10	14 8	3 2	3 15	18 15			n.a.
S 14	22 52	7 3	2 39	18 44	4 29	21 2	1 14	23 52	1 7	7 58	1 17	21 3	1 12	20 29	0 42	2 18	1 54	3 10	14 8	3 0	3 14	18 14			n.a.
M15	22 45	3 15	1 40	18 56	4 21	21 15	1 11	23 47	1 8	8 1	1 17	21 2	1 12	20 30	0 42	2 17	1 54	3 10	14 8	2 58	3 13	18 14			n.a.
T 16	22 38	0s47	0 36	19 8	4 11	21 27	1 8	23 42	1 8	8 3	1 18	21 0	1 13	20 30	0 42	2 17	1 54	3 10	14 8	2 58	3 12	18 14			n.a.
W17	22 30	4 52	0n32	19 22	4 0	21 39	1 5	23 37	1 8	8 5	1 18	20 58	1 13	20 31	0 42	2 16	1 54	3 10	14 9	2 58	3 10	18 13			n.a.
T 18	22 22	8 50	1 40	19 37	3 48	21 50	1 2	23 32	1 8	8 7	1 18	20 57	1 13	20 31	0 42	2 16	1 53	3 10	14 9	2 58	3 9	18 13			n.a.
F 19	22 14	12 29	2 45	19 52	3 34	22 1	0 59	23 27	1 8	8 9	1 18	20 55	1 13	20 32	0 42	2 16	1 53	3 11	14 9	2 57	3 8	18 12			n.a.
S 20	22 5	15 31	3 42	20 8	3 20	22 11	0 56	23 21	1 8	8 11	1 18	20 53	1 13	20 32	0 42	2 15	1 53	3 11	14 9	2 56	3 7	18 12			n.a.
S 21	21 56	17 41	4 26	20 24	3 4	22 21	0 53	23 16	1 8	8 13	1 19	20 52	1 13	20 33	0 42	2 15	1 53	3 11	14 10	2 53	3 5	18 11			n.a.
M22	21 47	18 42	4 54	20 41	2 48	22 30	0 50	23 10	1 9	8 15	1 19	20 50	1 13	20 34	0 42	2 14	1 53	3 11	14 10	2 50	3 4	18 11			n.a.
T 23	21 37	18 24	5 1	20 57	2 31	22 38	0 47	23 4	1 9	8 17	1 19	20 48	1 13	20 34	0 42	2 14	1 53	3 11	14 10	2 46	3 3	18 10			n.a.
W24	21 26	16 47	4 48	21 14	2 14	22 46	0 44	22 58	1 9	8 19	1 19	20 46	1 13	20 35	0 42	2 13	1 53	3 11	14 10	2 42	3 1	18 10			n.a.
T 25	21 16	13 59	4 14	21 30	1 57	22 53	0 40	22 51	1 9	8 20	1 19	20 45	1 13	20 35	0 42	2 12	1 53	3 12	14 11	2 38	3 0	18 9			n.a.
F 26	21 5	10 19	3 22	21 45	1 39	22 59	0 37	22 45	1 9	8 22	1 20	20 43	1 13	20 36	0 42	2 12	1 53	3 12	14 11	2 35	2 59	18 9			n.a.
S 27	20 53	6 6	2 19	22 0	1 22	23 5	0 34	22 38	1 9	8 23	1 20	20 41	1 13	20 36	0 42	2 11	1 53	3 12	14 11	2 33	2 58	18 8			n.a.
S 28	20 42	1 41	1 9	22 13	1 5	23 10	0 31	22 31	1 9	8 25	1 20	20 39	1 13	20 37	0 42	2 11	1 53	3 12	14 11	2 32	2 56	18 8			n.a.
M29	20 29	2n41	0s 2	22 26	0 49	23 15	0 28	22 24	1 9	8 26	1 20	20 38	1 13	20 37	0 42	2 10	1 53	3 12	14 12	2 32	2 55	18 7			n.a.
T 30	20 17	6 46	1 12	22 36	0 33	23 19	0 25	22 17	1 9	8 28	1 20	20 36	1 13	20 38	0 42	2 10	1 53	3 13	14 12	2 32	2 54	18 7			n.a.
W31	20n 4	10n25	2s15	22n46	0s18	23n22	0s22	22n 9	1n 9	8n29	1s20	20n34	1n13	20s39	0s42	2n 9	1n53	3s13	14s12	2s32	2s53	18n 6			n.a.

Julian Day Number = 1593766.5, Delta T = 04h03m31s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'52, Lahiri = - 8°46'52 Julian Calendar 1 July 350 BCE == Greg. Calendar 26 June 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

AUGUST 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 16 56	2♌28'51	15♉ 1	14♋33	1♋33	27♋36	24♈53	4♌35	1°R58	28♍57	25°R36	6°R18	7♎ 6	11♋47	n.a.	T 1
F 2	20 20 53	3°26'59	27°11	15°50	2°45	28°15	24°57	4°43	1♒56	28°59	25♈36	6♎16	7° 3	11°54	n.a.	F 2
S 3	20 24 49	4°25'10	9♊11	17°12	3°58	28°53	25° 0	4°50	1°54	29° 0	25°36	6°10	7° 0	12° 1	n.a.	S 3
S 4	20 28 46	5°23'22	21° 5	18°39	5°10	29°31	25° 3	4°58	1°51	29° 2	25°35	6° 3	6°57	12° 7	n.a.	S 4
M 5	20 32 43	6°21'37	2♋57	20°11	6°23	0♌ 9	25° 7	5° 5	1°49	29° 3	25°35	5°53	6°54	12°14	n.a.	M 5
T 6	20 36 39	7°19'53	14°49	21°48	7°35	0°48	25° 9	5°13	1°46	29° 5	25°35	5°42	6°51	12°21	n.a.	T 6
W 7	20 40 36	8°18'12	26°43	23°28	8°48	1°26	25°12	5°20	1°44	29° 6	25°35	5°31	6°47	12°27	n.a.	W 7
T 8	20 44 32	9°16'33	8♌41	25°11	10° 0	2° 4	25°14	5°28	1°42	29° 8	25°35	5°21	6°44	12°34	n.a.	T 8
F 9	20 48 29	10°14'55	20°44	26°57	11°13	2°43	25°17	5°35	1°39	29°10	25°35	5°12	6°41	12°41	n.a.	F 9
S 10	20 52 25	11°13'19	2♍53	28°45	12°26	3°21	25°19	5°43	1°37	29°11	25°35	5° 5	6°38	12°48	n.a.	S 10
S 11	20 56 22	12°11'45	15°11	0♌35	13°39	3°59	25°21	5°50	1°35	29°13	25°34	5° 0	6°35	12°54	n.a.	S 11
M12	21 0 18	13°10'13	27°39	2°26	14°52	4°38	25°22	5°58	1°32	29°14	25°34	4°58	6°31	13° 1	n.a.	M12
T 13	21 4 15	14° 8'43	10♎19	4°19	16° 5	5°16	25°24	6° 5	1°30	29°16	25°34	4°D58	6°28	13° 8	n.a.	T 13
W14	21 8 12	15° 7'14	23°15	6°12	17°18	5°55	25°25	6°13	1°28	29°18	25°34	4°59	6°25	13°15	n.a.	W14
T 15	21 12 8	16° 5'48	6♏28	8° 5	18°31	6°33	25°26	6°20	1°25	29°20	25°33	5° 0	6°22	13°21	n.a.	T 15
F 16	21 16 5	17° 4'23	20° 2	9°58	19°44	7°11	25°27	6°28	1°23	29°21	25°33	5°R 0	6°19	13°28	n.a.	F 16
S 17	21 20 1	18° 3'00	3♐59	11°52	20°57	7°50	25°28	6°35	1°21	29°23	25°33	4°59	6°16	13°35	n.a.	S 17
S 18	21 23 58	19° 1'38	18°18	13°45	22°10	8°28	25°28	6°43	1°18	29°25	25°32	4°56	6°12	13°41	n.a.	S 18
M19	21 27 54	20° 0'19	2♑57	15°38	23°24	9° 7	25°29	6°50	1°16	29°27	25°32	4°51	6° 9	13°48	n.a.	M19
T 20	21 31 51	20°59'01	17°51	17°30	24°37	9°45	25°R29	6°57	1°14	29°29	25°32	4°45	6° 6	13°55	n.a.	T 20
W21	21 35 47	21°57'45	2♒53	19°21	25°51	10°24	25°29	7° 5	1°12	29°30	25°31	4°39	6° 3	14° 2	n.a.	W21
T 22	21 39 44	22°56'31	17°54	21°12	27° 4	11° 2	25°28	7°12	1°10	29°32	25°31	4°33	6° 0	14° 8	n.a.	T 22
F 23	21 43 41	23°55'19	2♓43	23° 2	28°18	11°40	25°28	7°19	1° 8	29°34	25°30	4°28	5°57	14°15	n.a.	F 23
S 24	21 47 37	24°54'09	17°13	24°51	29°31	12°19	25°27	7°27	1° 5	29°36	25°30	4°25	5°53	14°22	n.a.	S 24
S 25	21 51 34	25°53'02	1♈19	26°40	0♌45	12°57	25°26	7°34	1° 3	29°38	25°29	4°D24	5°50	14°28	n.a.	S 25
M26	21 55 30	26°51'56	14°59	28°27	1°59	13°36	25°25	7°41	1° 1	29°40	25°29	4°24	5°47	14°35	n.a.	M26
T 27	21 59 27	27°50'54	28°12	0♍14	3°13	14°14	25°24	7°48	0°59	29°42	25°28	4°25	5°44	14°42	n.a.	T 27
W28	22 3 23	28°49'53	11♉ 1	2° 0	4°26	14°53	25°22	7°56	0°57	29°44	25°28	4°27	5°41	14°49	n.a.	W28
T 29	22 7 20	29°48'55	23°29	3°44	5°40	15°31	25°21	8° 3	0°55	29°46	25°27	4°28	5°37	14°55	n.a.	T 29
F 30	22 11 16	0♍47'59	5♊41	5°28	6°54	16°10	25°19	8°10	0°53	29°48	25°27	4°R28	5°34	15° 2	n.a.	F 30
S 31	22 15 13	1♍47'06	17♊42	7♍11	8♌ 8	16♌49	25♈17	8♌17	0♒51	29♍50	25♈26	4♎27	5♎31	15♋ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n51	13n30	3s11	22n53	0s 3	23n25	0s19	22n 2	1n10	8n30	1s21	20n32	1n13	20s39	0s42	2n 8	1n53	3s13	14s13	2s32	2s51	18n 6		n.a.
F 2	19 37	15 56	3 57	22 58	0n11	23 26	0 16	21 54	1 10	8 31	1 21	20 31	1 13	20 40	0 42	2 8	1 53	3 13	14 13	2 31	2 50	18 5		n.a.
S 3	19 24	17 38	4 31	23 1	0 24	23 28	0 13	21 46	1 10	8 32	1 21	20 29	1 14	20 40	0 42	2 7	1 53	3 14	14 13	2 29	2 49	18 5		n.a.
S 4	19 9	18 33	4 54	23 1	0 36	23 28	0 10	21 38	1 10	8 33	1 21	20 27	1 14	20 41	0 42	2 7	1 53	3 14	14 13	2 26	2 47	18 4		n.a.
M 5	18 55	18 39	5 3	22 59	0 47	23 28	0 7	21 30	1 10	8 34	1 21	20 25	1 14	20 41	0 42	2 6	1 53	3 14	14 14	2 22	2 46	18 4		n.a.
T 6	18 40	17 56	5 0	22 54	0 58	23 27	0 4	21 22	1 10	8 35	1 22	20 23	1 14	20 42	0 42	2 5	1 53	3 14	14 14	2 18	2 45	18 3		n.a.
W 7	18 25	16 26	4 44	22 46	1 7	23 25	0 1	21 13	1 10	8 36	1 22	20 22	1 14	20 42	0 42	2 5	1 52	3 15	14 14	2 13	2 44	18 3		n.a.
T 8	18 9	14 13	4 15	22 36	1 15	23 23	0n 2	21 5	1 10	8 37	1 22	20 20	1 14	20 43	0 42	2 4	1 52	3 15	14 14	2 9	2 42	18 2		n.a.
F 9	17 53	11 23	3 34	22 23	1 23	23 20	0 5	20 56	1 10	8 37	1 22	20 18	1 14	20 43	0 42	2 3	1 52	3 15	14 15	2 5	2 41	18 2		n.a.
S 10	17 37	8 2	2 43	22 7	1 29	23 16	0 8	20 47	1 10	8 38	1 22	20 16	1 14	20 44	0 42	2 2	1 52	3 16	14 15	2 3	2 40	18 1		n.a.
S 11	17 21	4 18	1 44	21 49	1 34	23 12	0 11	20 38	1 10	8 38	1 23	20 14	1 14	20 44	0 42	2 2	1 52	3 16	14 15	2 1	2 39	18 1		n.a.
M12	17 4	0 21	0 39	21 28	1 39	23 7	0 13	20 29	1 10	8 39	1 23	20 13	1 14	20 45	0 42	2 1	1 52	3 16	14 15	2 0	2 37	18 0		n.a.
T 13	16 47	3s42	0n29	21 5	1 43	23 1	0 16	20 19	1 10	8 39	1 23	20 11	1 14	20 46	0 42	2 0	1 52	3 17	14 16	2 0	2 36	17 59		n.a.
W14	16 30	7 38	1 37	20 39	1 45	22 55	0 19	20 10	1 10	8 40	1 23	20 9	1 14	20 46	0 42	2 0	1 52	3 17	14 16	2 0	2 35	17 59		n.a.
T 15	16 12	11 18	2 42	20 12	1 47	22 48	0 22	20 0	1 11	8 40	1 23	20 7	1 15	20 47	0 42	1 59	1 52	3 17	14 16	2 1	2 33	17 58		n.a.
F 16	15 55	14 27	3 39	19 43	1 49	22 40	0 24	19 50	1 11	8 40	1 24	20 5	1 15	20 47	0 42	1 58	1 52	3 18	14 16	2 1	2 32	17 58		n.a.
S 17	15 37	16 52	4 25	19 11	1 49	22 32	0 27	19 40	1 11	8 40	1 24	20 4	1 15	20 48	0 42	1 57	1 52	3 18	14 17	2 0	2 31	17 57		n.a.
S 18	15 18	18 18	4 56	18 39	1 49	22 22	0 30	19 30	1 11	8 40	1 24	20 2	1 15	20 48	0 42	1 57	1 52	3 18	14 17	1 59	2 30	17 57		n.a.
M19	15 0	18 34	5 8	18 4	1 48	22 13	0 32	19 20	1 11	8 40	1 24	20 0	1 15	20 49	0 42	1 56	1 52	3 19	14 17	1 57	2 28	17 56		n.a.
T 20	14 41	17 34	5 1	17 29	1 47	22 2	0 35	19 10	1 11	8 40	1 24	19 58	1 15	20 49	0 42	1 55	1 52	3 19	14 17	1 55	2 27	17 56		n.a.
W21	14 22	15 20	4 32	16 52	1 45	21 51	0 37	18 59	1 11	8 40	1 25	19 56	1 15	20 50	0 42	1 54	1 52	3 19	14 18	1 52	2 26	17 55		n.a.
T 22	14 2	12 5	3 45	16 14	1 43	21 39	0 40	18 49	1 11	8 39	1 25	19 55	1 15	20 50	0 42	1 54	1 52	3 20	14 18	1 50	2 25	17 55		n.a.
F 23	13 43	8 6	2 43	15 35	1 40	21 27	0 42	18 38	1 11	8 39	1 25	19 53	1 15	20 50	0 42	1 53	1 52	3 20	14 18	1 48	2 23	17 54		n.a.
S 24	13 23	3 42	1 32	14 55	1 37	21 14	0 45	18 27	1 11	8 39	1 25	19 51	1 15	20 51	0 42	1 52	1 52	3 21	14 18	1 46	2 22	17 53		n.a.
S 25	13 3	0n47	0 17	14 14	1 33	21 0	0 47	18 16	1 11	8 38	1 25	19 49	1 16	20 51	0 42	1 51	1 52	3 21	14 19	1 46	2 21	17 53		n.a.
M26	12 43	5 6	0s57	13 33	1 29	20 46	0 49	18 5	1 11	8 37	1 25	19 48	1 16	20 52	0 42	1 50	1 52	3 21	14 19	1 46	2 19	17 52		n.a.
T 27	12 22	9 0	2 6	12 51	1 25	20 31	0 51	17 53	1 11	8 37	1 26	19 46	1 16	20 52	0 42	1 50	1 52	3 22	14 19	1 47	2 18	17 52		n.a.
W28	12 1	12 22	3 6	12 8	1 20	20 15	0 54	17 42	1 11	8 36	1 26	19 44	1 16	20 53	0 42	1 49	1 52	3 22	14 19	1 47	2 17	17 51		n.a.
T 29	11 41	15 4	3 56	11 25	1 15	19 59	0 56	17 30	1 11	8 35	1 26	19 42	1 16	20 53	0 42	1 48	1 52	3 23	14 20	1 48	2 16	17 50		n.a.
F 30	11 19	17 1	4 34	10 42	1 10	19 42	0 58	17 19	1 11	8 34	1 26	19 40	1 16	20 54	0 42	1 47	1 52	3 23	14 20	1 48	2 14	17 50		n.a.
S 31	10n58	18n12	4s59	9n58	1n 4	19n25	1n 0	17n 7	1n11	8n34	1s26	19n39	1n16	20s54	0s42	1n46	1n52	3s23	14s20	1s47	2s13	17n49		n.a.

Julian Day Number = 1593797.5, Delta T = 04h03m30s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'48, Lahiri = - 8°46'48 Julian Calendar 1 Aug. 350 BCE == Greg. Calendar 27 July 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

SEPTEMBER 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 19 9	2♍46'15	29♊36	8♍54	9♌23	17♌27	25°R14	8♌24	0°R49	29♍52	25°R26	4°R24	5♎28	15♋16	n.a.	S 1
M 2	22 23 6	3°45'27	11♋27	10°35	10°37	18° 6	25♈12	8°31	0♒47	29°54	25♈25	4♎20	5°25	15°22	n.a.	M 2
T 3	22 27 3	4°44'41	23°20	12°15	11°51	18°44	25° 9	8°38	0°45	29°56	25°24	4°15	5°22	15°29	n.a.	T 3
W 4	22 30 59	5°43'57	5♌18	13°55	13° 5	19°23	25° 6	8°45	0°44	29°58	25°24	4°10	5°18	15°36	n.a.	W 4
T 5	22 34 56	6°43'16	17°22	15°34	14°19	20° 2	25° 3	8°52	0°42	0♎ 0	25°23	4° 5	5°15	15°42	n.a.	T 5
F 6	22 38 52	7°42'37	29°35	17°12	15°34	20°40	25° 0	8°59	0°40	0° 2	25°22	4° 1	5°12	15°49	n.a.	F 6
S 7	22 42 49	8°41'59	11♍58	18°49	16°48	21°19	24°56	9° 6	0°38	0° 4	25°21	3°58	5° 9	15°56	n.a.	S 7
S 8	22 46 45	9°41'25	24°33	20°25	18° 3	21°58	24°53	9°13	0°37	0° 7	25°21	3°56	5° 6	16° 3	n.a.	S 8
M 9	22 50 42	10°40'52	7♎18	22° 1	19°17	22°36	24°49	9°20	0°35	0° 9	25°20	3°D56	5° 3	16° 9	n.a.	M 9
T 10	22 54 38	11°40'21	20°17	23°36	20°32	23°15	24°45	9°27	0°33	0°11	25°19	3°57	4°59	16°16	n.a.	T 10
W11	22 58 35	12°39'52	3♏28	25°10	21°46	23°54	24°41	9°33	0°32	0°13	25°18	3°58	4°56	16°23	n.a.	W11
T 12	23 2 31	13°39'25	16°53	26°44	23° 1	24°32	24°36	9°40	0°30	0°15	25°18	4° 0	4°53	16°29	n.a.	T 12
F 13	23 6 28	14°39'00	0♐33	28°17	24°15	25°11	24°32	9°47	0°29	0°17	25°17	4° 1	4°50	16°36	n.a.	F 13
S 14	23 10 25	15°38'37	14°27	29°49	25°30	25°50	24°27	9°53	0°27	0°20	25°16	4°R 1	4°47	16°43	n.a.	S 14
S 15	23 14 21	16°38'16	28°36	1♑20	26°45	26°29	24°22	10° 0	0°26	0°22	25°15	4° 1	4°43	16°50	n.a.	S 15
M16	23 18 18	17°37'56	12♑57	2°51	27°59	27° 7	24°17	10° 6	0°24	0°24	25°14	4° 0	4°40	16°56	n.a.	M16
T 17	23 22 14	18°37'38	27°27	4°21	29°14	27°46	24°12	10°13	0°23	0°26	25°13	3°58	4°37	17° 3	n.a.	T 17
W18	23 26 11	19°37'22	12♒ 2	5°50	0♍29	28°25	24° 6	10°19	0°22	0°28	25°13	3°56	4°34	17°10	n.a.	W18
T 19	23 30 7	20°37'08	26°37	7°19	1°44	29° 4	24° 1	10°26	0°20	0°31	25°12	3°55	4°31	17°17	n.a.	T 19
F 20	23 34 4	21°36'56	11♓ 4	8°47	2°59	29°43	23°55	10°32	0°19	0°33	25°11	3°53	4°28	17°23	n.a.	F 20
S 21	23 38 0	22°36'46	25°18	10°15	4°14	0♍22	23°49	10°38	0°18	0°35	25°10	3°53	4°24	17°30	n.a.	S 21
S 22	23 41 57	23°36'38	9♈14	11°41	5°29	1° 0	23°43	10°44	0°17	0°37	25° 9	3°D52	4°21	17°37	n.a.	S 22
M23	23 45 54	24°36'32	22°50	13° 7	6°44	1°39	23°37	10°51	0°16	0°39	25° 8	3°53	4°18	17°43	n.a.	M23
T 24	23 49 50	25°36'28	6♉ 3	14°32	7°59	2°18	23°30	10°57	0°15	0°42	25° 7	3°54	4°15	17°50	n.a.	T 24
W25	23 53 47	26°36'27	18°54	15°57	9°14	2°57	23°24	11° 3	0°14	0°44	25° 6	3°54	4°12	17°57	n.a.	W25
T 26	23 57 43	27°36'28	1♊25	17°20	10°29	3°36	23°17	11° 9	0°13	0°46	25° 5	3°55	4° 8	18° 4	n.a.	T 26
F 27	0 1 40	28°36'31	13°41	18°43	11°44	4°15	23°11	11°15	0°12	0°48	25° 4	3°56	4° 5	18°10	n.a.	F 27
S 28	0 5 36	29°36'36	25°44	20° 5	12°59	4°54	23° 4	11°20	0°11	0°51	25° 3	3°R56	4° 2	18°17	n.a.	S 28
S 29	0 9 33	0♎36'44	7♋39	21°25	14°14	5°33	22°57	11°26	0°10	0°53	25° 2	3°56	3°59	18°24	n.a.	S 29
M30	0 13 29	1♎36'53	19♋31	22♎45	15♍29	6♍12	22♈50	11♌32	0♒ 9	0♎55	25♈ 1	3♎56	3♎56	18♋30	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n37	18n33	5s11	9n14	0n58	19n 7	1n 2	16n55	1n11	8n33	1s27	19n37	1n16	20s54	0s42	1n45	1n52	3s24	14s20	1s46	2s12	17n49		n.a.
M 2	10 15	18 5	5 10	8 30	0 53	18 49	1 4	16 43	1 11	8 31	1 27	19 35	1 17	20 55	0 42	1 45	1 52	3 24	14 20	1 45	2 11	17 48		n.a.
T 3	9 53	16 50	4 55	7 46	0 47	18 30	1 5	16 31	1 11	8 30	1 27	19 33	1 17	20 55	0 42	1 44	1 52	3 25	14 21	1 43	2 9	17 47		n.a.
W 4	9 31	14 51	4 28	7 1	0 40	18 10	1 7	16 19	1 11	8 29	1 27	19 32	1 17	20 56	0 42	1 43	1 52	3 25	14 21	1 40	2 8	17 47		n.a.
T 5	9 9	12 12	3 48	6 17	0 34	17 50	1 9	16 6	1 11	8 28	1 27	19 30	1 17	20 56	0 42	1 42	1 52	3 25	14 21	1 39	2 7	17 46		n.a.
F 6	8 47	8 59	2 57	5 32	0 28	17 29	1 10	15 54	1 11	8 26	1 27	19 28	1 17	20 56	0 42	1 41	1 51	3 26	14 21	1 37	2 5	17 46		n.a.
S 7	8 24	5 21	1 58	4 48	0 21	17 8	1 12	15 41	1 11	8 25	1 27	19 26	1 17	20 57	0 42	1 40	1 51	3 26	14 21	1 36	2 4	17 45		n.a.
S 8	8 2	1 24	0 51	4 3	0 14	16 47	1 14	15 29	1 11	8 24	1 28	19 25	1 17	20 57	0 42	1 39	1 51	3 27	14 22	1 35	2 3	17 44		n.a.
M 9	7 39	2s39	0n19	3 19	0 8	16 24	1 15	15 16	1 11	8 22	1 28	19 23	1 17	20 57	0 42	1 38	1 51	3 27	14 22	1 35	2 2	17 44		n.a.
T 10	7 16	6 39	1 29	2 35	0 1	16 2	1 16	15 3	1 11	8 20	1 28	19 21	1 18	20 58	0 42	1 38	1 51	3 28	14 22	1 35	2 0	17 43		n.a.
W11	6 53	10 23	2 36	1 51	0s 6	15 39	1 18	14 50	1 11	8 19	1 28	19 20	1 18	20 58	0 42	1 37	1 51	3 28	14 22	1 36	1 59	17 43		n.a.
T 12	6 30	13 39	3 35	1 7	0 13	15 15	1 19	14 37	1 11	8 17	1 28	19 18	1 18	20 58	0 42	1 36	1 51	3 29	14 22	1 36	1 58	17 42		n.a.
F 13	6 7	16 13	4 24	0 23	0 20	14 51	1 20	14 24	1 11	8 15	1 28	19 16	1 18	20 59	0 42	1 35	1 51	3 29	14 22	1 37	1 57	17 41		n.a.
S 14	5 44	17 53	4 58	0s20	0 27	14 27	1 21	14 10	1 11	8 13	1 28	19 15	1 18	20 59	0 42	1 34	1 51	3 29	14 23	1 37	1 55	17 41		n.a.
S 15	5 20	18 29	5 14	1 3	0 34	14 2	1 22	13 57	1 11	8 11	1 29	19 13	1 18	20 59	0 42	1 33	1 51	3 30	14 23	1 37	1 54	17 40		n.a.
M16	4 57	17 55	5 12	1 46	0 41	13 37	1 23	13 44	1 11	8 9	1 29	19 11	1 18	21 0	0 42	1 32	1 51	3 30	14 23	1 36	1 53	17 39		n.a.
T 17	4 33	16 11	4 50	2 29	0 48	13 12	1 24	13 30	1 11	8 7	1 29	19 10	1 19	21 0	0 42	1 31	1 51	3 31	14 23	1 36	1 51	17 39		n.a.
W18	4 9	13 25	4 9	3 11	0 55	12 46	1 25	13 16	1 11	8 5	1 29	19 8	1 19	21 0	0 42	1 30	1 51	3 31	14 23	1 35	1 50	17 38		n.a.
T 19	3 46	9 48	3 12	3 53	1 2	12 19	1 26	13 3	1 11	8 3	1 29	19 6	1 19	21 0	0 42	1 30	1 51	3 32	14 23	1 34	1 49	17 38		n.a.
F 20	3 22	5 37	2 3	4 34	1 8	11 53	1 27	12 49	1 11	8 1	1 29	19 5	1 19	21 1	0 42	1 29	1 51	3 32	14 24	1 34	1 48	17 37		n.a.
S 21	2 58	1 10	0 47	5 15	1 15	11 26	1 27	12 35	1 11	7 59	1 29	19 3	1 19	21 1	0 42	1 28	1 51	3 33	14 24	1 34	1 46	17 36		n.a.
S 22	2 34	3n15	0s30	5 56	1 22	10 59	1 28	12 21	1 10	7 56	1 29	19 2	1 19	21 1	0 42	1 27	1 51	3 33	14 24	1 34	1 45	17 36		n.a.
M23	2 10	7 23	1 43	6 36	1 28	10 31	1 28	12 7	1 10	7 54	1 29	19 0	1 20	21 1	0 42	1 26	1 51	3 33	14 24	1 34	1 44	17 35		n.a.
T 24	1 46	11 3	2 49	7 15	1 35	10 3	1 29	11 53	1 10	7 51	1 29	18 59	1 20	21 2	0 42	1 25	1 51	3 34	14 24	1 34	1 42	17 34		n.a.
W25	1 22	14 3	3 45	7 54	1 41	9 35	1 29	11 38	1 10	7 49	1 29	18 57	1 20	21 2	0 42	1 24	1 51	3 34	14 24	1 34	1 41	17 34		n.a.
T 26	0 58	16 20	4 28	8 32	1 47	9 6	1 29	11 24	1 10	7 46	1 30	18 56	1 20	21 2	0 42	1 23	1 51	3 35	14 24	1 35	1 40	17 33		n.a.
F 27	0 34	17 48	4 58	9 9	1 53	8 38	1 30	11 10	1 10	7 44	1 30	18 54	1 20	21 2	0 42	1 22	1 51	3 35	14 24	1 35	1 39	17 32		n.a.
S 28	0 9	18 26	5 14	9 46	1 59	8 9	1 30	10 55	1 10	7 41	1 30	18 53	1 20	21 2	0 41	1 21	1 51	3 36	14 25	1 35	1 37	17 32		n.a.
S 29	0s15	18 15	5 17	10 22	2 4	7 39	1 30	10 40	1 10	7 39	1 30	18 51	1 21	21 2	0 41	1 21	1 51	3 36	14 25	1 35	1 36	17 31		n.a.
M30	0s39	17n15	5s 6	10s57	2s10	7n10	1n30	10n26	1n10	7n36	1s30	18n50	1n21	21s 3	0s41	1n20	1n51	3s37	14s25	1s35	1s35	17n30		n.a.

Julian Day Number = 1593828.5, Delta T = 04h03m29s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'44, Lahiri = - 8°46'43 Julian Calendar 1 Sept. 350 BCE == Greg. Calendar 27 Aug. 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

OCTOBER 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 17 26	2♎37'05	1♌25	24♎ 4	16♍45	6♍51	22°R43	11♌38	0°R 8	0♎57	25°R 0	3°R55	3♎53	18♋37	n.a.	T 1
W 2	0 21 23	3°37'19	13°25	25°21	18° 0	7°30	22♈35	11°43	0♒ 8	1° 0	24♈59	3°D55	3°49	18°44	n.a.	W 2
T 3	0 25 19	4°37'35	25°34	26°37	19°15	8° 9	22°28	11°49	0° 7	1° 2	24°58	3♎55	3°46	18°51	n.a.	T 3
F 4	0 29 16	5°37'54	7♍55	27°51	20°30	8°48	22°20	11°54	0° 6	1° 4	24°57	3°56	3°43	18°57	n.a.	F 4
S 5	0 33 12	6°38'14	20°32	29° 4	21°46	9°27	22°13	12° 0	0° 6	1° 6	24°56	3°56	3°40	19° 4	n.a.	S 5
S 6	0 37 9	7°38'36	3♎24	0♏14	23° 1	10° 6	22° 5	12° 5	0° 5	1° 9	24°55	3°R56	3°37	19°11	n.a.	S 6
M 7	0 41 5	8°39'00	16°32	1°23	24°16	10°45	21°57	12°10	0° 5	1°11	24°54	3°56	3°34	19°17	n.a.	M 7
T 8	0 45 2	9°39'25	29°55	2°30	25°32	11°24	21°49	12°15	0° 5	1°13	24°53	3°55	3°30	19°24	n.a.	T 8
W 9	0 48 58	10°39'53	13♏32	3°33	26°47	12° 3	21°42	12°20	0° 4	1°15	24°51	3°55	3°27	19°31	n.a.	W 9
T 10	0 52 55	11°40'22	27°21	4°34	28° 3	12°43	21°34	12°26	0° 4	1°18	24°50	3°54	3°24	19°38	n.a.	T 10
F 11	0 56 51	12°40'52	11♐19	5°32	29°18	13°22	21°26	12°30	0° 4	1°20	24°49	3°53	3°21	19°44	n.a.	F 11
S 12	1 0 48	13°41'24	25°24	6°25	0♎34	14° 1	21°18	12°35	0° 4	1°22	24°48	3°52	3°18	19°51	n.a.	S 12
S 13	1 4 45	14°41'58	9♑33	7°15	1°49	14°40	21° 9	12°40	0° 3	1°24	24°47	3°D51	3°14	19°58	n.a.	S 13
M14	1 8 41	15°42'33	23°45	8° 0	3° 4	15°19	21° 1	12°45	0° 3	1°26	24°46	3°51	3°11	20° 4	n.a.	M14
T 15	1 12 38	16°43'09	7♒56	8°40	4°20	15°58	20°53	12°49	0°D 3	1°29	24°45	3°52	3° 8	20°11	n.a.	T 15
W16	1 16 34	17°43'46	22° 6	9°13	5°35	16°38	20°45	12°54	0° 3	1°31	24°44	3°53	3° 5	20°18	n.a.	W16
T 17	1 20 31	18°44'24	6♓11	9°40	6°51	17°17	20°37	12°58	0° 3	1°33	24°43	3°54	3° 2	20°25	n.a.	T 17
F 18	1 24 27	19°45'04	20° 9	10° 0	8° 6	17°56	20°29	13° 3	0° 3	1°35	24°41	3°55	2°59	20°31	n.a.	F 18
S 19	1 28 24	20°45'46	3♈56	10°12	9°22	18°35	20°21	13° 7	0° 4	1°37	24°40	3°R56	2°55	20°38	n.a.	S 19
S 20	1 32 20	21°46'28	17°31	10°R15	10°37	19°15	20°12	13°11	0° 4	1°39	24°39	3°55	2°52	20°45	n.a.	S 20
M21	1 36 17	22°47'12	0♉51	10° 8	11°53	19°54	20° 4	13°16	0° 4	1°42	24°38	3°54	2°49	20°52	n.a.	M21
T 22	1 40 14	23°47'58	13°55	9°52	13° 8	20°33	19°56	13°20	0° 4	1°44	24°37	3°51	2°46	20°58	n.a.	T 22
W23	1 44 10	24°48'45	26°42	9°24	14°24	21°13	19°48	13°24	0° 5	1°46	24°36	3°48	2°43	21° 5	n.a.	W23
T 24	1 48 7	25°49'34	9♊12	8°46	15°40	21°52	19°40	13°27	0° 5	1°48	24°35	3°44	2°39	21°12	n.a.	T 24
F 25	1 52 3	26°50'24	21°28	7°58	16°55	22°31	19°32	13°31	0° 6	1°50	24°33	3°41	2°36	21°18	n.a.	F 25
S 26	1 56 0	27°51'16	3♋32	6°59	18°11	23°11	19°24	13°35	0° 6	1°52	24°32	3°38	2°33	21°25	n.a.	S 26
S 27	1 59 56	28°52'09	15°28	5°52	19°26	23°50	19°16	13°38	0° 7	1°54	24°31	3°36	2°30	21°32	n.a.	S 27
M28	2 3 53	29°53'04	27°19	4°37	20°42	24°30	19° 8	13°42	0° 7	1°56	24°30	3°D35	2°27	21°39	n.a.	M28
T 29	2 7 49	0♏54'01	9♌12	3°17	21°57	25° 9	19° 0	13°45	0° 8	1°58	24°29	3°35	2°24	21°45	n.a.	T 29
W30	2 11 46	1°54'58	21°11	1°55	23°13	25°49	18°52	13°49	0° 9	2° 0	24°28	3°36	2°20	21°52	n.a.	W30
T 31	2 15 43	2♏55'58	3♍20	0♏33	24♎29	26♍28	18♈44	13♌52	0♒10	2♎ 2	24♈27	3♎38	2♎17	21♋59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1s 3	15n31	4s42	11s32	2s15	6n40	1n30	10n11	1n10	7n33	1s30	18n48	1n21	21s 3	0s41	1n19	1n51	3s37	14s25	1s35	1s34	17n30			n.a.
W 2	1 27	13 5	4 5	12 5	2 20	6 10	1 30	9 56	1 10	7 30	1 30	18 47	1 21	21 3	0 41	1 18	1 51	3 38	14 25	1 35	1 32	17 29			n.a.
T 3	1 52	10 4	3 17	12 37	2 24	5 40	1 29	9 41	1 10	7 28	1 30	18 45	1 21	21 3	0 41	1 17	1 51	3 38	14 25	1 35	1 31	17 28			n.a.
F 4	2 16	6 33	2 19	13 9	2 28	5 10	1 29	9 27	1 10	7 25	1 30	18 44	1 21	21 3	0 41	1 16	1 51	3 38	14 25	1 35	1 30	17 28			n.a.
S 5	2 40	2 40	1 14	13 39	2 32	4 40	1 29	9 12	1 9	7 22	1 30	18 43	1 22	21 3	0 41	1 15	1 51	3 39	14 25	1 35	1 28	17 27			n.a.
S 6	3 4	1s25	0 3	14 7	2 36	4 9	1 29	8 57	1 9	7 19	1 30	18 41	1 22	21 3	0 41	1 14	1 51	3 39	14 25	1 35	1 27	17 26			n.a.
M 7	3 28	5 31	1n 9	14 35	2 39	3 39	1 28	8 41	1 9	7 16	1 30	18 40	1 22	21 3	0 41	1 13	1 51	3 40	14 25	1 35	1 26	17 25			n.a.
T 8	3 52	9 25	2 19	15 0	2 41	3 8	1 28	8 26	1 9	7 13	1 30	18 39	1 22	21 3	0 41	1 13	1 51	3 40	14 25	1 35	1 25	17 25			n.a.
W 9	4 16	12 53	3 22	15 25	2 43	2 37	1 27	8 11	1 9	7 10	1 30	18 38	1 22	21 3	0 41	1 12	1 51	3 41	14 25	1 34	1 23	17 24			n.a.
T 10	4 40	15 41	4 15	15 47	2 45	2 6	1 26	7 56	1 9	7 7	1 30	18 36	1 23	21 3	0 41	1 11	1 51	3 41	14 25	1 34	1 22	17 23			n.a.
F 11	5 4	17 35	4 53	16 7	2 46	1 35	1 26	7 40	1 9	7 4	1 30	18 35	1 23	21 3	0 41	1 10	1 51	3 42	14 25	1 34	1 21	17 23			n.a.
S 12	5 28	18 26	5 13	16 26	2 46	1 4	1 25	7 25	1 9	7 1	1 30	18 34	1 23	21 3	0 41	1 9	1 51	3 42	14 25	1 33	1 20	17 22			n.a.
S 13	5 52	18 9	5 15	16 42	2 45	0 33	1 24	7 10	1 9	6 58	1 30	18 33	1 23	21 3	0 41	1 8	1 51	3 42	14 26	1 33	1 18	17 21			n.a.
M14	6 15	16 44	4 58	16 55	2 43	0 2	1 23	6 54	1 8	6 55	1 29	18 31	1 23	21 3	0 41	1 7	1 51	3 43	14 26	1 33	1 17	17 21			n.a.
T 15	6 39	14 17	4 23	17 6	2 41	0s29	1 22	6 39	1 8	6 52	1 29	18 30	1 24	21 3	0 41	1 6	1 51	3 43	14 26	1 33	1 16	17 20			n.a.
W16	7 2	10 59	3 31	17 13	2 37	1 1	1 21	6 23	1 8	6 49	1 29	18 29	1 24	21 3	0 41	1 6	1 52	3 44	14 26	1 34	1 14	17 19			n.a.
T 17	7 26	7 4	2 28	17 18	2 32	1 32	1 20	6 8	1 8	6 46	1 29	18 28	1 24	21 3	0 41	1 5	1 52	3 44	14 26	1 34	1 13	17 18			n.a.
F 18	7 49	2 48	1 15	17 18	2 26	2 3	1 19	5 52	1 8	6 43	1 29	18 27	1 24	21 3	0 41	1 4	1 52	3 44	14 26	1 35	1 12	17 18			n.a.
S 19	8 12	1n35	0s 0	17 15	2 19	2 34	1 18	5 36	1 8	6 40	1 29	18 26	1 24	21 3	0 41	1 3	1 52	3 45	14 26	1 35	1 11	17 17			n.a.
S 20	8 35	5 49	1 14	17 8	2 10	3 5	1 16	5 20	1 8	6 37	1 29	18 25	1 25	21 3	0 41	1 2	1 52	3 45	14 26	1 35	1 9	17 16			n.a.
M21	8 58	9 41	2 23	16 56	2 0	3 36	1 15	5 5	1 7	6 34	1 29	18 24	1 25	21 3	0 41	1 1	1 52	3 46	14 26	1 34	1 8	17 15			n.a.
T 22	9 21	12 59	3 23	16 39	1 48	4 7	1 14	4 49	1 7	6 31	1 29	18 23	1 25	21 3	0 41	1 0	1 52	3 46	14 26	1 33	1 7	17 15			n.a.
W23	9 43	15 35	4 11	16 17	1 34	4 38	1 12	4 33	1 7	6 28	1 29	18 22	1 25	21 3	0 41	1 0	1 52	3 46	14 25	1 32	1 5	17 14			n.a.
T 24	10 6	17 23	4 46	15 50	1 19	5 9	1 11	4 17	1 7	6 25	1 28	18 21	1 26	21 3	0 41	0 59	1 52	3 47	14 25	1 30	1 4	17 13			n.a.
F 25	10 28	18 21	5 7	15 18	1 2	5 40	1 9	4 1	1 7	6 22	1 28	18 20	1 26	21 3	0 41	0 58	1 52	3 47	14 25	1 29	1 3	17 12			n.a.
S 26	10 50	18 27	5 14	14 42	0 43	6 10	1 8	3 45	1 7	6 19	1 28	18 19	1 26	21 2	0 41	0 57	1 52	3 47	14 25	1 28	1 2	17 12			n.a.
S 27	11 12	17 44	5 8	14 1	0 24	6 41	1 6	3 29	1 6	6 16	1 28	18 19	1 26	21 2	0 41	0 56	1 52	3 48	14 25	1 27	1 0	17 11			n.a.
M28	11 34	16 15	4 48	13 16	0 4	7 11	1 4	3 13	1 6	6 14	1 28	18 18	1 26	21 2	0 41	0 56	1 52	3 48	14 25	1 26	0 59	17 10			n.a.
T 29	11 56	14 4	4 16	12 30	0n17	7 41	1 3	2 57	1 6	6 11	1 28	18 17	1 27	21 2	0 41	0 55	1 52	3 48	14 25	1 27	0 58	17 9			n.a.
W30	12 17	11 16	3 32	11 42	0 38	8 11	1 1	2 41	1 6	6 8	1 28	18 16	1 27	21 2	0 41	0 54	1 52	3 49	14 25	1 27	0 57	17 9			n.a.
T 31	12s38	7n57	2s39	10s54	0n58	8s41	0n59	2n25	1n 6	6n 5	1s27	18n15	1n27	21s 2	0s40	0n53	1n52	3s49	14s25	1s28	0s55	17n 8			n.a.

Julian Day Number = 1593858.5, Delta T = 04h03m28s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'40, Lahiri = - 8°46'39 Julian Calendar 1 Oct. 350 BCE == Greg. Calendar 26 Sept. 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

NOVEMBER 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 19 39	3♏56'58	15♍45	29°R14	25♎44	27♍ 8	18°R37	13♌55	0♒10	2♎ 4	24°R26	3♎40	2♎14	22♋ 5	n.a.	F 1
S 2	2 23 36	4°58'00	28°28	28♎ 0	27° 0	27°47	18♈29	13°58	0°11	2° 6	24♈24	3°R41	2°11	22°12	n.a.	S 2
S 3	2 27 32	5°59'03	11♎33	26°55	28°16	28°27	18°22	14° 1	0°12	2° 8	24°23	3°41	2° 8	22°19	n.a.	S 3
M 4	2 31 29	7° 0'07	25° 0	25°58	29°31	29° 6	18°14	14° 4	0°13	2°10	24°22	3°39	2° 5	22°26	n.a.	M 4
T 5	2 35 25	8° 1'12	8♏47	25°13	0♏47	29°46	18° 7	14° 6	0°14	2°12	24°21	3°36	2° 1	22°32	n.a.	T 5
W 6	2 39 22	9° 2'18	22°53	24°39	2° 2	0♎25	18° 0	14° 9	0°15	2°14	24°20	3°31	1°58	22°39	n.a.	W 6
T 7	2 43 18	10° 3'25	7♐12	24°16	3°18	1° 5	17°53	14°12	0°17	2°16	24°19	3°25	1°55	22°46	n.a.	T 7
F 8	2 47 15	11° 4'33	21°38	24° 4	4°34	1°45	17°46	14°14	0°18	2°18	24°18	3°19	1°52	22°52	n.a.	F 8
S 9	2 51 12	12° 5'42	6♑ 6	24°D 3	5°49	2°24	17°39	14°16	0°19	2°19	24°17	3°13	1°49	22°59	n.a.	S 9
S 10	2 55 8	13° 6'51	20°30	24°12	7° 5	3° 4	17°32	14°18	0°20	2°21	24°16	3°10	1°45	23° 6	n.a.	S 10
M11	2 59 5	14° 8'00	4♒47	24°30	8°21	3°43	17°26	14°21	0°22	2°23	24°15	3° 7	1°42	23°13	n.a.	M11
T 12	3 3 1	15° 9'10	18°53	24°57	9°36	4°23	17°19	14°23	0°23	2°25	24°14	3°D 7	1°39	23°19	n.a.	T 12
W13	3 6 58	16°10'20	2♓48	25°31	10°52	5° 3	17°13	14°24	0°24	2°27	24°13	3° 8	1°36	23°26	n.a.	W13
T 14	3 10 54	17°11'31	16°31	26°12	12° 7	5°42	17° 7	14°26	0°26	2°28	24°12	3° 9	1°33	23°33	n.a.	T 14
F 15	3 14 51	18°12'42	0♈ 2	26°58	13°23	6°22	17° 1	14°28	0°27	2°30	24°10	3°R10	1°30	23°39	n.a.	F 15
S 16	3 18 47	19°13'53	13°23	27°50	14°38	7° 2	16°55	14°29	0°29	2°32	24° 9	3°10	1°26	23°46	n.a.	S 16
S 17	3 22 44	20°15'04	26°32	28°47	15°54	7°42	16°50	14°31	0°31	2°33	24° 8	3° 7	1°23	23°53	n.a.	S 17
M18	3 26 41	21°16'16	9♉31	29°48	17°10	8°21	16°44	14°32	0°32	2°35	24° 7	3° 2	1°20	24° 0	n.a.	M18
T 19	3 30 37	22°17'28	22°17	0♏52	18°25	9° 1	16°39	14°33	0°34	2°37	24° 6	2°55	1°17	24° 6	n.a.	T 19
W20	3 34 34	23°18'41	4♊52	2° 0	19°41	9°41	16°34	14°35	0°36	2°38	24° 5	2°46	1°14	24°13	n.a.	W20
T 21	3 38 30	24°19'54	17°15	3°10	20°56	10°21	16°29	14°36	0°38	2°40	24° 5	2°36	1°11	24°20	n.a.	T 21
F 22	3 42 27	25°21'08	29°26	4°23	22°12	11° 0	16°24	14°37	0°39	2°41	24° 4	2°25	1° 7	24°26	n.a.	F 22
S 23	3 46 23	26°22'22	11♋28	5°38	23°27	11°40	16°19	14°37	0°41	2°43	24° 3	2°16	1° 4	24°33	n.a.	S 23
S 24	3 50 20	27°23'37	23°23	6°54	24°43	12°20	16°15	14°38	0°43	2°44	24° 2	2° 8	1° 1	24°40	n.a.	S 24
M25	3 54 16	28°24'52	5♌13	8°12	25°59	13° 0	16°10	14°39	0°45	2°46	24° 1	2° 3	0°58	24°47	n.a.	M25
T 26	3 58 13	29°26'07	17° 4	9°32	27°14	13°40	16° 6	14°39	0°47	2°47	24° 0	2° 0	0°55	24°53	n.a.	T 26
W27	4 2 10	0♐27'23	29° 0	10°53	28°30	14°20	16° 2	14°39	0°49	2°49	23°59	1°D59	0°51	25° 0	n.a.	W27
T 28	4 6 6	1°28'39	11♍ 6	12°15	29°45	15° 0	15°59	14°40	0°51	2°50	23°58	1°59	0°48	25° 7	n.a.	T 28
F 29	4 10 3	2°29'55	23°27	13°39	1♐ 1	15°40	15°55	14°40	0°53	2°51	23°57	2° 0	0°45	25°13	n.a.	F 29
S 30	4 13 59	3♐31'12	6♎10	15♏ 3	2♐16	16♎19	15♈52	14°R40	0♒56	2♎53	23♈56	2°R 0	0♎42	25♋20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s59	4n12	1s37	10s 9	1n16	9s11	0n57	2n 9	1n 5	6n 2	1s27	18n15	1n27	21s 1	0s40	0n53	1n52	3s49	14s25	1s29	0s54	17n 7		n.a.
S 2	13 20	0 11	0 29	9 26	1 34	9 40	0 55	1 53	1 5	6 0	1 27	18 14	1 28	21 1	0 40	0 52	1 52	3 50	14 25	1 29	0 53	17 6		n.a.
S 3	13 41	3s58	0n43	8 48	1 49	10 9	0 53	1 37	1 5	5 57	1 27	18 13	1 28	21 1	0 40	0 51	1 52	3 50	14 25	1 29	0 51	17 6		n.a.
M 4	14 1	8 2	1 54	8 15	2 3	10 38	0 52	1 21	1 5	5 54	1 27	18 13	1 28	21 1	0 40	0 50	1 52	3 50	14 25	1 28	0 50	17 5		n.a.
T 5	14 21	11 46	3 0	7 48	2 14	11 7	0 50	1 5	1 5	5 52	1 26	18 12	1 28	21 0	0 40	0 50	1 52	3 51	14 25	1 27	0 49	17 4		n.a.
W 6	14 41	14 55	3 56	7 26	2 24	11 35	0 48	0 49	1 4	5 49	1 26	18 12	1 28	21 0	0 40	0 49	1 52	3 51	14 25	1 25	0 48	17 3		n.a.
T 7	15 1	17 12	4 39	7 11	2 31	12 3	0 45	0 33	1 4	5 47	1 26	18 11	1 29	21 0	0 40	0 48	1 52	3 51	14 24	1 22	0 46	17 3		n.a.
F 8	15 20	18 25	5 4	7 2	2 36	12 31	0 43	0 16	1 4	5 44	1 26	18 11	1 29	21 0	0 40	0 47	1 52	3 52	14 24	1 20	0 45	17 2		n.a.
S 9	15 39	18 26	5 10	6 58	2 40	12 59	0 41	0 0	1 4	5 42	1 25	18 10	1 29	20 59	0 40	0 47	1 52	3 52	14 24	1 18	0 44	17 1		n.a.
S 10	15 58	17 16	4 56	7 0	2 42	13 26	0 39	0s16	1 3	5 39	1 25	18 10	1 29	20 59	0 40	0 46	1 52	3 52	14 24	1 16	0 42	17 0		n.a.
M11	16 17	15 2	4 24	7 6	2 42	13 53	0 37	0 32	1 3	5 37	1 25	18 9	1 30	20 59	0 40	0 45	1 52	3 52	14 24	1 15	0 41	16 59		n.a.
T 12	16 35	11 55	3 37	7 16	2 41	14 19	0 35	0 48	1 3	5 35	1 25	18 9	1 30	20 58	0 40	0 45	1 52	3 53	14 24	1 15	0 40	16 59		n.a.
W13	16 53	8 10	2 37	7 31	2 39	14 45	0 33	1 4	1 3	5 33	1 25	18 9	1 30	20 58	0 40	0 44	1 52	3 53	14 24	1 16	0 39	16 58		n.a.
T 14	17 10	4 1	1 29	7 48	2 37	15 11	0 30	1 21	1 2	5 31	1 24	18 8	1 30	20 58	0 40	0 43	1 53	3 53	14 24	1 16	0 37	16 57		n.a.
F 15	17 28	0n16	0 17	8 9	2 33	15 36	0 28	1 37	1 2	5 28	1 24	18 8	1 31	20 57	0 40	0 43	1 53	3 53	14 23	1 17	0 36	16 56		n.a.
S 16	17 45	4 30	0s55	8 32	2 29	16 1	0 26	1 53	1 2	5 26	1 24	18 8	1 31	20 57	0 40	0 42	1 53	3 54	14 23	1 16	0 35	16 55		n.a.
S 17	18 2	8 27	2 3	8 56	2 24	16 26	0 23	2 9	1 1	5 25	1 23	18 8	1 31	20 56	0 40	0 41	1 53	3 54	14 23	1 15	0 33	16 55		n.a.
M18	18 18	11 57	3 3	9 23	2 18	16 50	0 21	2 25	1 1	5 23	1 23	18 8	1 31	20 56	0 40	0 41	1 53	3 54	14 23	1 13	0 32	16 54		n.a.
T 19	18 34	14 49	3 53	9 51	2 12	17 13	0 19	2 41	1 1	5 21	1 23	18 7	1 32	20 56	0 40	0 40	1 53	3 54	14 23	1 10	0 31	16 53		n.a.
W20	18 50	16 56	4 31	10 21	2 6	17 37	0 16	2 57	1 1	5 19	1 23	18 7	1 32	20 55	0 40	0 40	1 53	3 54	14 23	1 7	0 30	16 52		n.a.
T 21	19 5	18 13	4 55	10 51	1 59	17 59	0 14	3 13	1 0	5 17	1 22	18 7	1 32	20 55	0 40	0 39	1 53	3 55	14 22	1 3	0 28	16 51		n.a.
F 22	19 20	18 39	5 5	11 23	1 52	18 21	0 12	3 29	1 0	5 16	1 22	18 7	1 32	20 54	0 40	0 38	1 53	3 55	14 22	0 59	0 27	16 51		n.a.
S 23	19 35	18 13	5 2	11 54	1 45	18 43	0 9	3 45	1 0	5 14	1 22	18 7	1 33	20 54	0 40	0 38	1 53	3 55	14 22	0 55	0 26	16 50		n.a.
S 24	19 49	17 0	4 45	12 27	1 38	19 4	0 7	4 1	0 59	5 13	1 21	18 7	1 33	20 53	0 40	0 37	1 53	3 55	14 22	0 52	0 25	16 49		n.a.
M25	20 3	15 3	4 16	12 59	1 31	19 25	0 5	4 17	0 59	5 11	1 21	18 7	1 33	20 53	0 40	0 37	1 53	3 55	14 22	0 49	0 23	16 48		n.a.
T 26	20 17	12 28	3 37	13 32	1 23	19 45	0 2	4 33	0 59	5 10	1 21	18 7	1 33	20 53	0 40	0 36	1 53	3 55	14 21	0 48	0 22	16 47		n.a.
W27	20 30	9 22	2 47	14 5	1 16	20 4	0s 0	4 49	0 58	5 9	1 21	18 8	1 34	20 52	0 40	0 36	1 53	3 55	14 21	0 48	0 21	16 46		n.a.
T 28	20 43	5 48	1 49	14 38	1 8	20 23	0 3	5 5	0 58	5 8	1 20	18 8	1 34	20 52	0 40	0 35	1 53	3 56	14 21	0 48	0 19	16 46		n.a.
F 29	20 55	1 56	0 46	15 10	1 0	20 42	0 5	5 21	0 58	5 7	1 20	18 8	1 34	20 51	0 40	0 35	1 53	3 56	14 21	0 48	0 18	16 45		n.a.
S 30	21s 7	2s 8	0n22	15s43	0n53	20s59	0s 7	5s37	0n57	5n 6	1s20	18n 8	1n34	20s51	0s40	0n34	1n53	3s56	14s21	0s48	0s17	16n44		n.a.

Julian Day Number = 1593889.5, Delta T = 04h03m27s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'35, Lahiri = - 8°46'35 Julian Calendar 1 Nov. 350 BCE == Greg. Calendar 27 Oct. 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 350 BCE
geocentric

DECEMBER 350 BCE (-349) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 17 56	4♐32'28	19♎16	16♏28	3♐32	16♎59	15°R49	14°R40	0♒58	2♎54	23°R56	1°R59	0♎39	25♋27	n.a.	S 1
M 2	4 21 52	5°33'45	2♏50	17°54	4°47	17°39	15♈46	14♌40	1° 0	2°55	23♈55	1♎55	0°36	25°33	n.a.	M 2
T 3	4 25 49	6°35'03	16°52	19°20	6° 3	18°19	15°43	14°39	1° 2	2°57	23°54	1°48	0°32	25°40	n.a.	T 3
W 4	4 29 45	7°36'20	1♐18	20°47	7°18	18°59	15°40	14°39	1° 5	2°58	23°53	1°39	0°29	25°47	n.a.	W 4
T 5	4 33 42	8°37'37	16° 2	22°15	8°34	19°39	15°38	14°38	1° 7	2°59	23°52	1°29	0°26	25°54	n.a.	T 5
F 6	4 37 39	9°38'54	0♑57	23°43	9°49	20°19	15°36	14°38	1°10	3° 0	23°52	1°18	0°23	26° 0	n.a.	F 6
S 7	4 41 35	10°40'10	15°53	25°12	11° 5	20°59	15°34	14°37	1°12	3° 1	23°51	1° 8	0°20	26° 7	n.a.	S 7
S 8	4 45 32	11°41'26	0♒42	26°42	12°20	21°39	15°32	14°36	1°15	3° 2	23°50	1° 0	0°17	26°14	n.a.	S 8
M 9	4 49 28	12°42'41	15°16	28°11	13°36	22°19	15°31	14°35	1°17	3° 3	23°49	0°54	0°13	26°20	n.a.	M 9
T 10	4 53 25	13°43'55	29°31	29°42	14°51	22°59	15°30	14°34	1°20	3° 4	23°49	0°52	0°10	26°27	n.a.	T 10
W11	4 57 21	14°45'09	13♓26	1♐13	16° 7	23°40	15°28	14°33	1°22	3° 5	23°48	0°D51	0° 7	26°34	n.a.	W11
T 12	5 1 18	15°46'22	27° 1	2°44	17°22	24°20	15°28	14°32	1°25	3° 6	23°47	0°R51	0° 4	26°41	n.a.	T 12
F 13	5 5 15	16°47'34	10♈19	4°16	18°37	25° 0	15°27	14°30	1°28	3° 7	23°47	0°51	0° 1	26°47	n.a.	F 13
S 14	5 9 11	17°48'45	23°21	5°48	19°53	25°40	15°26	14°29	1°30	3° 8	23°46	0°49	29♍57	26°54	n.a.	S 14
S 15	5 13 8	18°49'56	6♉10	7°21	21° 8	26°20	15°26	14°27	1°33	3° 9	23°46	0°44	29°54	27° 1	n.a.	S 15
M16	5 17 4	19°51'05	18°48	8°54	22°24	27° 0	15°D26	14°26	1°36	3°10	23°45	0°37	29°51	27° 7	n.a.	M16
T 17	5 21 1	20°52'14	1♊17	10°28	23°39	27°40	15°26	14°24	1°38	3°11	23°44	0°26	29°48	27°14	n.a.	T 17
W18	5 24 57	21°53'23	13°36	12° 2	24°54	28°20	15°27	14°22	1°41	3°11	23°44	0°13	29°45	27°21	n.a.	W18
T 19	5 28 54	22°54'30	25°48	13°37	26°10	29° 0	15°27	14°20	1°44	3°12	23°43	29♍59	29°42	27°28	n.a.	T 19
F 20	5 32 50	23°55'37	7♋52	15°13	27°25	29°41	15°28	14°18	1°47	3°13	23°43	29°44	29°38	27°34	n.a.	F 20
S 21	5 36 47	24°56'42	19°49	16°49	28°40	0♏21	15°29	14°16	1°50	3°14	23°42	29°30	29°35	27°41	n.a.	S 21
S 22	5 40 44	25°57'47	1♌41	18°25	29°55	1° 1	15°30	14°13	1°53	3°14	23°42	29°18	29°32	27°48	n.a.	S 22
M23	5 44 40	26°58'52	13°31	20° 2	1♑11	1°41	15°31	14°11	1°56	3°15	23°41	29° 9	29°29	27°54	n.a.	M23
T 24	5 48 37	27°59'55	25°21	21°40	2°26	2°21	15°33	14° 8	1°59	3°15	23°41	29° 3	29°26	28° 1	n.a.	T 24
W25	5 52 33	29° 0'58	7♍15	23°18	3°41	3° 2	15°35	14° 6	2° 2	3°16	23°41	28°59	29°23	28° 8	n.a.	W25
T 26	5 56 30	0♑ 2'00	19°18	24°57	4°57	3°42	15°37	14° 3	2° 5	3°16	23°40	28°58	29°19	28°15	n.a.	T 26
F 27	6 0 26	1° 3'01	1♎35	26°37	6°12	4°22	15°39	14° 0	2° 8	3°17	23°40	28°58	29°16	28°21	n.a.	F 27
S 28	6 4 23	2° 4'02	14°12	28°17	7°27	5° 3	15°41	13°58	2°11	3°17	23°40	28°58	29°13	28°28	n.a.	S 28
S 29	6 8 19	3° 5'02	27°13	29°58	8°42	5°43	15°44	13°55	2°14	3°18	23°39	28°56	29°10	28°35	n.a.	S 29
M30	6 12 16	4° 6'00	10♏43	1♑39	9°58	6°23	15°47	13°52	2°17	3°18	23°39	28°52	29° 7	28°41	n.a.	M30
T 31	6 16 13	5♑ 6'58	24♏43	3♑22	11♑13	7♏ 3	15♈50	13♌48	2♒20	3♎18	23♈39	28♍46	29♍ 3	28♋48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21s19	6s14	1n31	16s15	0n45	21s17	0s10	5s53	0n57	5n 5	1s19	18n 8	1n34	20s50	0s40	0n34	1n53	3s56	14s20	0s48	0s16	16n43			n.a.
M 2	21 30	10 10	2 37	16 47	0 37	21 33	0 12	6 9	0 57	5 4	1 19	18 9	1 35	20 50	0 40	0 33	1 53	3 56	14 20	0 46	0 14	16 42			n.a.
T 3	21 41	13 39	3 35	17 18	0 30	21 49	0 14	6 24	0 56	5 3	1 19	18 9	1 35	20 49	0 40	0 33	1 54	3 56	14 20	0 44	0 13	16 41			n.a.
W 4	21 51	16 25	4 21	17 49	0 22	22 4	0 17	6 40	0 56	5 2	1 18	18 9	1 35	20 48	0 40	0 33	1 54	3 56	14 20	0 40	0 12	16 41			n.a.
T 5	22 1	18 10	4 51	18 19	0 15	22 19	0 19	6 56	0 55	5 2	1 18	18 10	1 35	20 48	0 40	0 32	1 54	3 56	14 19	0 36	0 10	16 40			n.a.
F 6	22 10	18 42	5 2	18 49	0 8	22 33	0 21	7 11	0 55	5 1	1 18	18 10	1 36	20 47	0 40	0 32	1 54	3 56	14 19	0 31	0 9	16 39			n.a.
S 7	22 19	17 56	4 52	19 18	0 0	22 46	0 24	7 27	0 55	5 1	1 17	18 11	1 36	20 47	0 39	0 31	1 54	3 56	14 19	0 27	0 8	16 38			n.a.
S 8	22 28	15 58	4 23	19 46	0s 7	22 59	0 26	7 42	0 54	5 0	1 17	18 11	1 36	20 46	0 39	0 31	1 54	3 56	14 19	0 24	0 7	16 37			n.a.
M 9	22 36	13 0	3 37	20 13	0 14	23 11	0 28	7 58	0 54	5 0	1 17	18 12	1 36	20 46	0 39	0 31	1 54	3 56	14 18	0 22	0 5	16 36			n.a.
T 10	22 44	9 19	2 38	20 40	0 21	23 22	0 30	8 13	0 53	5 0	1 16	18 12	1 37	20 45	0 39	0 30	1 54	3 56	14 18	0 21	0 4	16 35			n.a.
W11	22 51	5 12	1 31	21 6	0 27	23 32	0 33	8 29	0 53	5 0	1 16	18 13	1 37	20 44	0 39	0 30	1 54	3 56	14 18	0 20	0 3	16 35			n.a.
T 12	22 58	0 53	0 20	21 31	0 34	23 42	0 35	8 44	0 53	5 0	1 16	18 13	1 37	20 44	0 39	0 30	1 54	3 56	14 18	0 21	0 2	16 34			n.a.
F 13	23 4	3n22	0s50	21 55	0 40	23 51	0 37	8 59	0 52	5 0	1 15	18 14	1 37	20 43	0 39	0 29	1 54	3 56	14 17	0 20	0 0	16 33			n.a.
S 14	23 10	7 23	1 56	22 18	0 47	24 0	0 39	9 14	0 52	5 0	1 15	18 15	1 38	20 43	0 39	0 29	1 54	3 56	14 17	0 20	0n 1	16 32			n.a.
S 15	23 16	10 59	2 55	22 40	0 53	24 7	0 41	9 29	0 51	5 0	1 15	18 15	1 38	20 42	0 39	0 29	1 54	3 56	14 17	0 18	0 2	16 31			n.a.
M16	23 20	14 2	3 45	23 1	0 59	24 14	0 43	9 44	0 51	5 0	1 14	18 16	1 38	20 41	0 39	0 28	1 54	3 56	14 16	0 15	0 4	16 30			n.a.
T 17	23 25	16 23	4 22	23 21	1 4	24 20	0 45	9 59	0 50	5 1	1 14	18 17	1 38	20 41	0 39	0 28	1 54	3 56	14 16	0 11	0 5	16 29			n.a.
W18	23 29	17 58	4 47	23 40	1 10	24 25	0 47	10 14	0 50	5 1	1 14	18 18	1 39	20 40	0 39	0 28	1 55	3 56	14 16	0 5	0 6	16 28			n.a.
T 19	23 33	18 41	4 59	23 58	1 15	24 30	0 49	10 29	0 49	5 2	1 13	18 18	1 39	20 39	0 39	0 28	1 55	3 56	14 16	0n 1	0 7	16 28			n.a.
F 20	23 36	18 34	4 57	24 14	1 20	24 34	0 51	10 44	0 49	5 2	1 13	18 19	1 39	20 39	0 39	0 27	1 55	3 56	14 15	0 7	0 9	16 27			n.a.
S 21	23 38	17 37	4 41	24 29	1 25	24 37	0 53	10 59	0 48	5 3	1 13	18 20	1 39	20 38	0 39	0 27	1 55	3 56	14 15	0 12	0 10	16 26			n.a.
S 22	23 40	15 54	4 14	24 43	1 30	24 39	0 55	11 13	0 48	5 4	1 13	18 21	1 39	20 37	0 39	0 27	1 55	3 56	14 15	0 17	0 11	16 25			n.a.
M23	23 42	13 32	3 35	24 55	1 34	24 41	0 57	11 28	0 47	5 5	1 12	18 22	1 40	20 37	0 39	0 27	1 55	3 55	14 14	0 21	0 13	16 24			n.a.
T 24	23 43	10 36	2 48	25 6	1 38	24 41	0 59	11 42	0 47	5 5	1 12	18 23	1 40	20 36	0 39	0 27	1 55	3 55	14 14	0 23	0 14	16 23			n.a.
W25	23 44	7 13	1 52	25 16	1 42	24 41	1 0	11 57	0 46	5 6	1 12	18 24	1 40	20 35	0 39	0 26	1 55	3 55	14 14	0 24	0 15	16 22			n.a.
T 26	23 44	3 30	0 51	25 24	1 45	24 41	1 2	12 11	0 46	5 8	1 11	18 25	1 40	20 35	0 39	0 26	1 55	3 55	14 14	0 25	0 16	16 21			n.a.
F 27	23 44	0s26	0n14	25 30	1 49	24 39	1 4	12 25	0 45	5 9	1 11	18 26	1 41	20 34	0 39	0 26	1 55	3 55	14 13	0 25	0 18	16 20			n.a.
S 28	23 43	4 27	1 20	25 35	1 51	24 37	1 5	12 40	0 45	5 10	1 11	18 27	1 41	20 33	0 39	0 26	1 55	3 55	14 13	0 25	0 19	16 19			n.a.
S 29	23 42	8 23	2 23	25 38	1 54	24 33	1 7	12 54	0 44	5 11	1 10	18 28	1 41	20 32	0 39	0 26	1 55	3 55	14 13	0 26	0 20	16 18			n.a.
M30	23 40	12 2	3 22	25 40	1 56	24 30	1 8	13 8	0 44	5 13	1 10	18 29	1 41	20 32	0 39	0 26	1 55	3 54	14 12	0 27	0 21	16 18			n.a.
T 31	23s38	15s 9	4n10	25s40	1s58	24s25	1s10	13s22	0n43	5n14	1s10	18n30	1n41	20s31	0s39	0n26	1n55	3s54	14s12	0n30	0n23	16n17			n.a.

Julian Day Number = 1593919.5, Delta T = 04h03m25s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'31, Lahiri = - 8°46'31 Julian Calendar 1 Dec. 350 BCE == Greg. Calendar 26 Nov. 350 BCE

The year -349 astronomical counting style corresponds to year 350 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

JANUARY 349 BCE (-348) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 20 9	6♉ 7'55	9♐12	5♉ 5	12♉28	7♏44	15♈53	13°R45	2♒24	3♎19	23°R38	28°R36	29♍ 0	28♋55	n.a.	W 1
T 2	6 24 6	7° 8'51	24° 7	6°48	13°43	8°24	15°56	13♌42	2°27	3°19	23♈38	28♍25	28°57	29° 1	n.a.	T 2
F 3	6 28 2	8° 9'46	9♉17	8°33	14°58	9° 4	16° 0	13°39	2°30	3°19	23°38	28°13	28°54	29° 8	n.a.	F 3
S 4	6 31 59	9°10'40	24°33	10°18	16°13	9°45	16° 3	13°35	2°33	3°19	23°38	28° 2	28°51	29°15	n.a.	S 4
S 5	6 35 55	10°11'32	9♒43	12° 3	17°29	10°25	16° 7	13°32	2°36	3°20	23°38	27°53	28°48	29°22	n.a.	S 5
M 6	6 39 52	11°12'22	24°38	13°50	18°44	11° 5	16°12	13°28	2°40	3°20	23°37	27°47	28°44	29°28	n.a.	M 6
T 7	6 43 49	12°13'11	9♓11	15°37	19°59	11°46	16°16	13°24	2°43	3°20	23°37	27°44	28°41	29°35	n.a.	T 7
W 8	6 47 45	13°13'58	23°18	17°25	21°14	12°26	16°20	13°21	2°46	3°20	23°37	27°D43	28°38	29°42	n.a.	W 8
T 9	6 51 42	14°14'43	7♈ 0	19°13	22°29	13° 6	16°25	13°17	2°50	3°R20	23°37	27°43	28°35	29°48	n.a.	T 9
F 10	6 55 38	15°15'27	20°17	21° 2	23°44	13°47	16°30	13°13	2°53	3°20	23°37	27°R43	28°32	29°55	n.a.	F 10
S 11	6 59 35	16°16'09	3♉14	22°51	24°59	14°27	16°35	13° 9	2°56	3°20	23°37	27°41	28°28	0♌ 2	n.a.	S 11
S 12	7 3 31	17°16'49	15°54	24°41	26°14	15° 8	16°40	13° 5	3° 0	3°20	23°D37	27°38	28°25	0° 8	n.a.	S 12
M13	7 7 28	18°17'27	28°20	26°30	27°29	15°48	16°45	13° 1	3° 3	3°20	23°37	27°32	28°22	0°15	n.a.	M13
T 14	7 11 24	19°18'03	10♊35	28°20	28°44	16°28	16°51	12°57	3° 6	3°20	23°37	27°22	28°19	0°22	n.a.	T 14
W15	7 15 21	20°18'38	22°42	0♒10	29°59	17° 9	16°57	12°53	3°10	3°19	23°37	27°11	28°16	0°29	n.a.	W15
T 16	7 19 18	21°19'11	4♋43	1°59	1♒14	17°49	17° 3	12°49	3°13	3°19	23°37	26°59	28°13	0°35	n.a.	T 16
F 17	7 23 14	22°19'42	16°39	3°48	2°29	18°30	17° 9	12°44	3°16	3°19	23°37	26°46	28° 9	0°42	n.a.	F 17
S 18	7 27 11	23°20'11	28°32	5°36	3°44	19°10	17°15	12°40	3°20	3°19	23°37	26°33	28° 6	0°49	n.a.	S 18
S 19	7 31 7	24°20'39	10♌23	7°23	4°59	19°50	17°21	12°36	3°23	3°18	23°38	26°23	28° 3	0°55	n.a.	S 19
M20	7 35 4	25°21'05	22°14	9° 9	6°13	20°31	17°28	12°31	3°27	3°18	23°38	26°15	28° 0	1° 2	n.a.	M20
T 21	7 39 0	26°21'29	4♍ 6	10°52	7°28	21°11	17°34	12°27	3°30	3°18	23°38	26°10	27°57	1° 9	n.a.	T 21
W22	7 42 57	27°21'52	16° 3	12°33	8°43	21°52	17°41	12°22	3°34	3°17	23°38	26° 7	27°54	1°16	n.a.	W22
T 23	7 46 53	28°22'13	28° 8	14°12	9°58	22°32	17°48	12°18	3°37	3°17	23°38	26°D 7	27°50	1°22	n.a.	T 23
F 24	7 50 50	29°22'32	10♎25	15°47	11°13	23°13	17°55	12°13	3°40	3°16	23°39	26° 7	27°47	1°29	n.a.	F 24
S 25	7 54 47	0♒22'50	23° 0	17°18	12°27	23°53	18° 3	12° 9	3°44	3°16	23°39	26° 8	27°44	1°36	n.a.	S 25
S 26	7 58 43	1°23'06	5♏56	18°44	13°42	24°34	18°10	12° 4	3°47	3°15	23°39	26°R 8	27°41	1°42	n.a.	S 26
M27	8 2 40	2°23'21	19°18	20° 5	14°57	25°14	18°18	11°59	3°51	3°15	23°39	26° 7	27°38	1°49	n.a.	M27
T 28	8 6 36	3°23'34	3♐ 8	21°20	16°12	25°54	18°26	11°55	3°54	3°14	23°40	26° 3	27°34	1°56	n.a.	T 28
W29	8 10 33	4°23'46	17°28	22°29	17°26	26°35	18°33	11°50	3°58	3°13	23°40	25°58	27°31	2° 2	n.a.	W29
T 30	8 14 29	5°23'56	2♉13	23°31	18°41	27°15	18°41	11°45	4° 1	3°13	23°41	25°50	27°28	2° 9	n.a.	T 30
F 31	8 18 26	6♒24'04	17♉19	24♒25	19♒56	27♏56	18♈50	11♌41	4♒ 5	3♎12	23♈41	25♍43	27♍25	2♌16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s35	17s26	4n44	25s38	2s 0	24s20	1s11	13s35	0n42	5n16	1s 9	18n31	1n42	20s30	0s39	0n26	1n55	3s54	14s12	0n34	0n24	16n16			n.a.
T 2	23 32	18 37	5 0	25 34	2 1	24 13	1 13	13 49	0 42	5 17	1 9	18 32	1 42	20 29	0 39	0 26	1 56	3 54	14 11	0 38	0 25	16 15			n.a.
F 3	23 29	18 30	4 55	25 28	2 1	24 6	1 14	14 3	0 41	5 19	1 9	18 34	1 42	20 29	0 39	0 26	1 56	3 54	14 11	0 43	0 27	16 14			n.a.
S 4	23 25	17 3	4 29	25 21	2 1	23 59	1 15	14 16	0 41	5 21	1 8	18 35	1 42	20 28	0 39	0 26	1 56	3 53	14 11	0 47	0 28	16 13			n.a.
S 5	23 20	14 25	3 45	25 12	2 1	23 50	1 16	14 30	0 40	5 22	1 8	18 36	1 42	20 27	0 39	0 26	1 56	3 53	14 10	0 51	0 29	16 12			n.a.
M 6	23 15	10 52	2 45	25 0	2 1	23 41	1 18	14 43	0 39	5 24	1 8	18 37	1 43	20 26	0 39	0 26	1 56	3 53	14 10	0 53	0 30	16 11			n.a.
T 7	23 10	6 44	1 36	24 47	1 59	23 31	1 19	14 56	0 39	5 26	1 7	18 38	1 43	20 26	0 39	0 26	1 56	3 53	14 10	0 55	0 32	16 10			n.a.
W 8	23 4	2 20	0 23	24 32	1 58	23 21	1 20	15 9	0 38	5 28	1 7	18 40	1 43	20 25	0 39	0 26	1 56	3 52	14 9	0 55	0 33	16 9			n.a.
T 9	22 58	2n 4	0s49	24 14	1 55	23 10	1 21	15 22	0 38	5 30	1 7	18 41	1 43	20 24	0 39	0 26	1 56	3 52	14 9	0 55	0 34	16 8			n.a.
F 10	22 51	6 13	1 57	23 55	1 52	22 58	1 22	15 35	0 37	5 33	1 6	18 42	1 43	20 23	0 39	0 26	1 56	3 52	14 9	0 55	0 36	16 7			n.a.
S 11	22 44	9 59	2 57	23 34	1 49	22 45	1 23	15 48	0 36	5 35	1 6	18 44	1 43	20 23	0 39	0 26	1 56	3 51	14 9	0 56	0 37	16 6			n.a.
S 12	22 36	13 11	3 46	23 10	1 45	22 32	1 23	16 0	0 35	5 37	1 6	18 45	1 44	20 22	0 39	0 26	1 56	3 51	14 8	0 57	0 38	16 5			n.a.
M13	22 28	15 44	4 24	22 45	1 40	22 18	1 24	16 13	0 35	5 39	1 6	18 46	1 44	20 21	0 39	0 26	1 56	3 51	14 8	1 0	0 39	16 4			n.a.
T 14	22 20	17 32	4 49	22 18	1 35	22 3	1 25	16 25	0 34	5 42	1 5	18 48	1 44	20 20	0 39	0 26	1 56	3 51	14 8	1 3	0 41	16 4			n.a.
W15	22 11	18 31	5 1	21 49	1 29	21 48	1 25	16 38	0 33	5 44	1 5	18 49	1 44	20 19	0 39	0 26	1 56	3 50	14 7	1 8	0 42	16 3			n.a.
T 16	22 1	18 40	4 59	21 18	1 22	21 32	1 26	16 50	0 33	5 47	1 5	18 50	1 44	20 19	0 39	0 27	1 57	3 50	14 7	1 13	0 43	16 2			n.a.
F 17	21 52	17 59	4 44	20 45	1 15	21 15	1 26	17 2	0 32	5 49	1 4	18 52	1 44	20 18	0 39	0 27	1 57	3 50	14 7	1 18	0 44	16 1			n.a.
S 18	21 41	16 31	4 17	20 11	1 6	20 58	1 27	17 14	0 31	5 52	1 4	18 53	1 45	20 17	0 39	0 27	1 57	3 49	14 6	1 23	0 46	16 0			n.a.
S 19	21 31	14 21	3 39	19 35	0 58	20 40	1 27	17 26	0 30	5 55	1 4	18 55	1 45	20 16	0 39	0 27	1 57	3 49	14 6	1 27	0 47	15 59			n.a.
M20	21 20	11 35	2 51	18 57	0 48	20 22	1 28	17 37	0 30	5 58	1 4	18 56	1 45	20 15	0 39	0 27	1 57	3 49	14 6	1 31	0 48	15 58			n.a.
T 21	21 8	8 21	1 55	18 19	0 37	20 3	1 28	17 49	0 29	6 0	1 3	18 57	1 45	20 15	0 39	0 27	1 57	3 48	14 5	1 33	0 50	15 57			n.a.
W22	20 57	4 45	0 54	17 40	0 26	19 43	1 28	18 0	0 28	6 3	1 3	18 59	1 45	20 14	0 39	0 28	1 57	3 48	14 5	1 34	0 51	15 56			n.a.
T 23	20 45	0 55	0n11	17 0	0 14	19 23	1 28	18 11	0 27	6 6	1 3	19 0	1 45	20 13	0 39	0 28	1 57	3 47	14 5	1 34	0 52	15 55			n.a.
F 24	20 32	3s 1	1 16	16 20	0 2	19 2	1 28	18 23	0 27	6 9	1 2	19 2	1 45	20 12	0 39	0 28	1 57	3 47	14 4	1 34	0 53	15 54			n.a.
S 25	20 19	6 54	2 19	15 40	0n11	18 41	1 28	18 34	0 26	6 12	1 2	19 3	1 46	20 11	0 39	0 28	1 57	3 47	14 4	1 33	0 55	15 53			n.a.
S 26	20 6	10 34	3 17	15 0	0 25	18 19	1 28	18 44	0 25	6 16	1 2	19 5	1 46	20 10	0 39	0 29	1 57	3 46	14 4	1 33	0 56	15 52			n.a.
M27	19 52	13 49	4 6	14 21	0 39	17 57	1 28	18 55	0 24	6 19	1 2	19 6	1 46	20 10	0 39	0 29	1 57	3 46	14 3	1 34	0 57	15 51			n.a.
T 28	19 38	16 25	4 43	13 43	0 54	17 34	1 28	19 6	0 23	6 22	1 1	19 7	1 46	20 9	0 39	0 29	1 57	3 45	14 3	1 35	0 59	15 50			n.a.
W29	19 24	18 6	5 4	13 6	1 9	17 11	1 27	19 16	0 22	6 25	1 1	19 9	1 46	20 8	0 39	0 30	1 57	3 45	14 3	1 37	1 0	15 49			n.a.
T 30	19 9	18 38	5 5	12 32	1 24	16 47	1 27	19 26	0 22	6 29	1 1	19 10	1 46	20 7	0 39	0 30	1 57	3 45	14 2	1 40	1 1	15 48			n.a.
F 31	18s54	17s52	4n46	11s59	1n39	16s23	1s27	19s36	0n21	6n32	1s 1	19n12	1n46	20s 6	0s39	0n30	1n57	3s44	14s 2	1n44	1n 2	15n47			n.a.

Julian Day Number = 1593950.5, Delta T = 04h03m24s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'27, Lahiri = - 8°46'27 Julian Calendar 1 Jan. 349 BCE == Greg. Calendar 27 Dec. 350 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

FEBRUARY 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 22 22	7♒24'10	2♒37	25♒11	21♒10	28♏36	18♈58	11°R36	4♒ 8	3°R11	23♈41	25°R35	27♍22	2♌23	n.a.	S 1
S 2	8 26 19	8°24'15	17°54	25°49	22°25	29°17	19° 6	11♌31	4°12	3♎11	23°42	25♍29	27°19	2°29	n.a.	S 2
M 3	8 30 16	9°24'17	3♓ 0	26°18	23°39	29°57	19°15	11°26	4°15	3°10	23°42	25°25	27°15	2°36	n.a.	M 3
T 4	8 34 12	10°24'17	17°47	26°38	24°54	0♐38	19°24	11°22	4°18	3° 9	23°43	25°23	27°12	2°43	n.a.	T 4
W 5	8 38 9	11°24'15	2♈ 8	26°49	26° 9	1°18	19°33	11°17	4°22	3° 8	23°43	25°D23	27° 9	2°49	n.a.	W 5
T 6	8 42 5	12°24'10	16° 2	26°R51	27°23	1°59	19°42	11°12	4°25	3° 7	23°44	25°24	27° 6	2°56	n.a.	T 6
F 7	8 46 2	13°24'03	29°29	26°44	28°38	2°39	19°51	11° 7	4°29	3° 6	23°44	25°25	27° 3	3° 3	n.a.	F 7
S 8	8 49 58	14°23'54	12♉30	26°28	29°52	3°19	20° 0	11° 2	4°32	3° 6	23°45	25°R26	27° 0	3° 9	n.a.	S 8
S 9	8 53 55	15°23'42	25°11	26° 5	1♓ 6	4° 0	20° 9	10°58	4°36	3° 5	23°45	25°26	26°56	3°16	n.a.	S 9
M10	8 57 51	16°23'29	7♊34	25°33	2°21	4°40	20°19	10°53	4°39	3° 4	23°46	25°23	26°53	3°23	n.a.	M10
T 11	9 1 48	17°23'12	19°44	24°55	3°35	5°21	20°28	10°48	4°42	3° 3	23°47	25°19	26°50	3°29	n.a.	T 11
W12	9 5 44	18°22'54	1♋45	24°11	4°49	6° 1	20°38	10°44	4°46	3° 2	23°47	25°14	26°47	3°36	n.a.	W12
T 13	9 9 41	19°22'33	13°39	23°23	6° 4	6°42	20°48	10°39	4°49	3° 1	23°48	25° 7	26°44	3°43	n.a.	T 13
F 14	9 13 38	20°22'10	25°31	22°30	7°18	7°22	20°58	10°34	4°52	2°59	23°49	25° 1	26°40	3°50	n.a.	F 14
S 15	9 17 34	21°21'45	7♌21	21°36	8°32	8° 2	21° 8	10°30	4°56	2°58	23°49	24°54	26°37	3°56	n.a.	S 15
S 16	9 21 31	22°21'17	19°13	20°40	9°46	8°43	21°18	10°25	4°59	2°57	23°50	24°49	26°34	4° 3	n.a.	S 16
M17	9 25 27	23°20'47	1♍ 7	19°44	11° 1	9°23	21°28	10°20	5° 2	2°56	23°51	24°45	26°31	4°10	n.a.	M17
T 18	9 29 24	24°20'15	13° 6	18°50	12°15	10° 4	21°38	10°16	5° 6	2°55	23°52	24°43	26°28	4°16	n.a.	T 18
W19	9 33 20	25°19'41	25°12	17°57	13°29	10°44	21°49	10°11	5° 9	2°54	23°52	24°D42	26°25	4°23	n.a.	W19
T 20	9 37 17	26°19'05	7♎27	17° 8	14°43	11°24	21°59	10° 7	5°12	2°53	23°53	24°43	26°21	4°30	n.a.	T 20
F 21	9 41 13	27°18'28	19°53	16°23	15°57	12° 5	22°10	10° 2	5°16	2°51	23°54	24°44	26°18	4°36	n.a.	F 21
S 22	9 45 10	28°17'48	2♏34	15°43	17°11	12°45	22°21	9°58	5°19	2°50	23°55	24°46	26°15	4°43	n.a.	S 22
S 23	9 49 6	29°17'06	15°32	15° 7	18°25	13°25	22°32	9°54	5°22	2°49	23°56	24°48	26°12	4°50	n.a.	S 23
M24	9 53 3	0♓16'23	28°52	14°37	19°39	14° 6	22°43	9°49	5°25	2°47	23°56	24°R48	26° 9	4°57	n.a.	M24
T 25	9 57 0	1°15'37	12♐34	14°13	20°53	14°46	22°54	9°45	5°28	2°46	23°57	24°48	26° 6	5° 3	n.a.	T 25
W26	10 0 56	2°14'50	26°40	13°54	22° 7	15°26	23° 5	9°41	5°32	2°45	23°58	24°46	26° 2	5°10	n.a.	W26
T 27	10 4 53	3°14'01	11♑ 9	13°42	23°20	16° 7	23°16	9°37	5°35	2°43	23°59	24°44	25°59	5°17	n.a.	T 27
F 28	10 8 49	4°13'10	25°57	13°35	24°34	16°47	23°27	9°32	5°38	2°42	24° 0	24°41	25°56	5°23	n.a.	F 28
S 29	10 12 46	5♓12'17	10♒57	13°D34	25♓48	17♐27	23♈39	9♌28	5♒41	2♎41	24♈ 1	24♍39	25♍53	5♌30	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s39	15s50	4n 6	11s30	1n54	15s59	1s26	19s46	0n20	6n35	1s 0	19n13	1n46	20s 6	0s39	0n31	1n58	3s44	14s 2	1n47	1n 4	15n46		n.a.
S 2	18 23	12 40	3 8	11 3	2 9	15 34	1 26	19 56	0 19	6 39	1 0	19 15	1 47	20 5	0 39	0 31	1 58	3 43	14 1	1 49	1 5	15 45		n.a.
M 3	18 7	8 42	1 58	10 39	2 24	15 8	1 25	20 6	0 18	6 42	1 0	19 16	1 47	20 4	0 39	0 31	1 58	3 43	14 1	1 51	1 6	15 44		n.a.
T 4	17 51	4 15	0 41	10 19	2 38	14 42	1 24	20 15	0 17	6 46	1 0	19 17	1 47	20 3	0 39	0 32	1 58	3 42	14 1	1 51	1 8	15 43		n.a.
W 5	17 34	0n18	0s37	10 3	2 51	14 16	1 24	20 25	0 16	6 49	0 59	19 19	1 47	20 2	0 39	0 32	1 58	3 42	14 1	1 51	1 9	15 42		n.a.
T 6	17 17	4 42	1 50	9 51	3 3	13 49	1 23	20 34	0 15	6 53	0 59	19 20	1 47	20 1	0 39	0 33	1 58	3 41	14 0	1 51	1 10	15 41		n.a.
F 7	17 0	8 43	2 54	9 43	3 14	13 22	1 22	20 43	0 14	6 57	0 59	19 22	1 47	20 1	0 39	0 33	1 58	3 41	14 0	1 50	1 11	15 40		n.a.
S 8	16 43	12 10	3 48	9 39	3 24	12 55	1 21	20 52	0 13	7 1	0 59	19 23	1 47	20 0	0 39	0 33	1 58	3 40	14 0	1 50	1 13	15 39		n.a.
S 9	16 25	14 57	4 29	9 39	3 32	12 28	1 20	21 1	0 12	7 4	0 58	19 25	1 47	19 59	0 39	0 34	1 58	3 40	13 59	1 50	1 14	15 38		n.a.
M10	16 7	16 59	4 56	9 43	3 39	12 0	1 19	21 9	0 11	7 8	0 58	19 26	1 47	19 58	0 39	0 34	1 58	3 39	13 59	1 51	1 15	15 37		n.a.
T 11	15 49	18 12	5 9	9 52	3 44	11 31	1 18	21 17	0 10	7 12	0 58	19 27	1 47	19 57	0 39	0 35	1 58	3 39	13 59	1 53	1 16	15 36		n.a.
W12	15 30	18 35	5 9	10 3	3 47	11 3	1 17	21 26	0 9	7 16	0 58	19 29	1 47	19 56	0 39	0 35	1 58	3 38	13 58	1 55	1 18	15 35		n.a.
T 13	15 12	18 8	4 55	10 18	3 48	10 34	1 15	21 34	0 8	7 20	0 57	19 30	1 47	19 56	0 39	0 36	1 58	3 38	13 58	1 58	1 19	15 34		n.a.
F 14	14 53	16 55	4 28	10 36	3 47	10 5	1 14	21 42	0 7	7 24	0 57	19 31	1 47	19 55	0 39	0 36	1 58	3 37	13 58	2 0	1 20	15 33		n.a.
S 15	14 33	14 57	3 50	10 56	3 45	9 35	1 13	21 49	0 6	7 28	0 57	19 33	1 47	19 54	0 39	0 37	1 58	3 37	13 58	2 3	1 22	15 32		n.a.
S 16	14 14	12 22	3 2	11 19	3 40	9 6	1 11	21 57	0 5	7 32	0 57	19 34	1 47	19 53	0 39	0 37	1 58	3 36	13 57	2 5	1 23	15 31		n.a.
M17	13 54	9 15	2 6	11 42	3 33	8 36	1 10	22 4	0 4	7 36	0 56	19 35	1 47	19 52	0 39	0 38	1 58	3 36	13 57	2 7	1 24	15 30		n.a.
T 18	13 34	5 45	1 3	12 7	3 25	8 6	1 8	22 11	0 3	7 40	0 56	19 37	1 48	19 52	0 39	0 38	1 58	3 35	13 57	2 7	1 25	15 29		n.a.
W19	13 14	1 58	0n 3	12 33	3 15	7 36	1 7	22 18	0 2	7 44	0 56	19 38	1 48	19 51	0 39	0 39	1 58	3 35	13 56	2 8	1 27	15 27		n.a.
T 20	12 54	1s56	1 9	12 58	3 4	7 5	1 5	22 25	0 1	7 48	0 56	19 39	1 48	19 50	0 39	0 39	1 59	3 34	13 56	2 7	1 28	15 26		n.a.
F 21	12 33	5 48	2 14	13 23	2 52	6 35	1 3	22 32	0s 1	7 53	0 56	19 40	1 48	19 49	0 39	0 40	1 59	3 34	13 56	2 7	1 29	15 25		n.a.
S 22	12 13	9 29	3 13	13 48	2 39	6 4	1 1	22 38	0 2	7 57	0 55	19 42	1 48	19 48	0 39	0 40	1 59	3 33	13 56	2 6	1 30	15 24		n.a.
S 23	11 52	12 48	4 4	14 12	2 25	5 33	1 0	22 44	0 3	8 1	0 55	19 43	1 48	19 48	0 39	0 41	1 59	3 33	13 55	2 6	1 32	15 23		n.a.
M24	11 31	15 33	4 43	14 34	2 11	5 2	0 58	22 51	0 4	8 5	0 55	19 44	1 48	19 47	0 39	0 41	1 59	3 32	13 55	2 5	1 33	15 22		n.a.
T 25	11 10	17 30	5 8	14 55	1 56	4 31	0 56	22 56	0 5	8 10	0 55	19 45	1 48	19 46	0 39	0 42	1 59	3 32	13 55	2 6	1 34	15 21		n.a.
W26	10 48	18 27	5 15	15 15	1 41	3 59	0 54	23 2	0 7	8 14	0 55	19 46	1 48	19 45	0 39	0 42	1 59	3 31	13 55	2 6	1 36	15 20		n.a.
T 27	10 27	18 14	5 2	15 33	1 26	3 28	0 52	23 8	0 8	8 19	0 54	19 47	1 48	19 45	0 39	0 43	1 59	3 30	13 54	2 7	1 37	15 19		n.a.
F 28	10 5	16 48	4 30	15 49	1 11	2 57	0 50	23 13	0 9	8 23	0 54	19 49	1 48	19 44	0 39	0 44	1 59	3 30	13 54	2 8	1 38	15 18		n.a.
S 29	9s43	14s12	3n38	16s 4	0n56	2s25	0s48	23s18	0s10	8n27	0s54	19n50	1n48	19s43	0s39	0n44	1n59	3s29	13s54	2n 9	1n39	15n17		n.a.

Julian Day Number = 1593981.5, Delta T = 04h03m23s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'23, Lahiri = - 8°46'22 Julian Calendar 1 Feb. 349 BCE == Greg. Calendar 27 Jan. 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

MARCH 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 16 42	6♓11'22	26♒ 2	13♒38	27♓ 2	18♐ 7	23♈50	9°R24	5♒44	2°R39	24♈ 2	24°R37	25♍50	5♌37	n.a.	S 1
M 2	10 20 39	7°10'25	11♓ 2	13°48	28°16	18°48	24° 2	9♌20	5°47	2♎38	24° 3	24♍35	25°46	5°43	n.a.	M 2
T 3	10 24 35	8° 9'26	25°48	14° 3	29°29	19°28	24°13	9°17	5°50	2°36	24° 4	24°D35	25°43	5°50	n.a.	T 3
W 4	10 28 32	9° 8'25	10♈15	14°23	0♈43	20° 8	24°25	9°13	5°53	2°35	24° 5	24°35	25°40	5°57	n.a.	W 4
T 5	10 32 29	10° 7'21	24°16	14°47	1°56	20°48	24°37	9° 9	5°56	2°34	24° 6	24°36	25°37	6° 3	n.a.	T 5
F 6	10 36 25	11° 6'15	7♉52	15°16	3°10	21°28	24°49	9° 5	5°59	2°32	24° 7	24°38	25°34	6°10	n.a.	F 6
S 7	10 40 22	12° 5'07	21° 1	15°49	4°24	22° 8	25° 1	9° 2	6° 2	2°31	24° 8	24°39	25°31	6°17	n.a.	S 7
S 8	10 44 18	13° 3'56	3♊47	16°27	5°37	22°48	25°13	8°58	6° 5	2°29	24° 9	24°39	25°27	6°24	n.a.	S 8
M 9	10 48 15	14° 2'43	16°14	17° 8	6°51	23°28	25°25	8°55	6° 8	2°27	24°10	24°R39	25°24	6°30	n.a.	M 9
T 10	10 52 11	15° 1'27	28°24	17°53	8° 4	24° 8	25°37	8°51	6°11	2°26	24°11	24°39	25°21	6°37	n.a.	T 10
W11	10 56 8	16° 0'10	10♋24	18°41	9°17	24°48	25°49	8°48	6°14	2°24	24°12	24°38	25°18	6°44	n.a.	W11
T 12	11 0 4	16°58'50	22°17	19°33	10°31	25°28	26° 2	8°45	6°17	2°23	24°13	24°37	25°15	6°50	n.a.	T 12
F 13	11 4 1	17°57'27	4♌ 7	20°28	11°44	26° 8	26°14	8°42	6°19	2°21	24°14	24°36	25°11	6°57	n.a.	F 13
S 14	11 7 57	18°56'03	15°58	21°25	12°57	26°48	26°26	8°39	6°22	2°20	24°16	24°36	25° 8	7° 4	n.a.	S 14
S 15	11 11 54	19°54'36	27°52	22°26	14°10	27°28	26°39	8°36	6°25	2°18	24°17	24°35	25° 5	7°10	n.a.	S 15
M16	11 15 51	20°53'07	9♍53	23°29	15°23	28° 8	26°51	8°33	6°28	2°17	24°18	24°35	25° 2	7°17	n.a.	M16
T 17	11 19 47	21°51'36	22° 2	24°35	16°37	28°47	27° 4	8°30	6°30	2°15	24°19	24°D34	24°59	7°24	n.a.	T 17
W18	11 23 44	22°50'03	4♎21	25°44	17°50	29°27	27°17	8°27	6°33	2°13	24°20	24°34	24°56	7°30	n.a.	W18
T 19	11 27 40	23°48'28	16°52	26°55	19° 3	0♑ 7	27°29	8°25	6°36	2°12	24°21	24°35	24°52	7°37	n.a.	T 19
F 20	11 31 37	24°46'51	29°35	28° 8	20°16	0°47	27°42	8°22	6°38	2°10	24°23	24°R35	24°49	7°44	n.a.	F 20
S 21	11 35 33	25°45'12	12♏32	29°23	21°29	1°26	27°55	8°20	6°41	2° 9	24°24	24°34	24°46	7°50	n.a.	S 21
S 22	11 39 30	26°43'32	25°44	0♓41	22°41	2° 6	28° 8	8°17	6°43	2° 7	24°25	24°34	24°43	7°57	n.a.	S 22
M23	11 43 26	27°41'50	9♐11	2° 1	23°54	2°45	28°21	8°15	6°46	2° 5	24°26	24°34	24°40	8° 4	n.a.	M23
T 24	11 47 23	28°40'07	22°55	3°23	25° 7	3°25	28°34	8°13	6°48	2° 4	24°27	24°D34	24°37	8°11	n.a.	T 24
W25	11 51 20	29°38'22	6♑54	4°47	26°20	4° 4	28°47	8°11	6°50	2° 2	24°29	24°34	24°33	8°17	n.a.	W25
T 26	11 55 16	0♈36'35	21° 9	6°13	27°33	4°44	29° 0	8° 9	6°53	2° 0	24°30	24°34	24°30	8°24	n.a.	T 26
F 27	11 59 13	1°34'47	5♒36	7°41	28°45	5°23	29°13	8° 7	6°55	1°59	24°31	24°35	24°27	8°31	n.a.	F 27
S 28	12 3 9	2°32'57	20°12	9°11	29°58	6° 3	29°26	8° 5	6°57	1°57	24°32	24°35	24°24	8°37	n.a.	S 28
S 29	12 7 6	3°31'06	4♓52	10°42	1♉10	6°42	29°39	8° 3	7° 0	1°55	24°34	24°36	24°21	8°44	n.a.	S 29
M30	12 11 2	4°29'13	19°31	12°16	2°23	7°21	29°52	8° 2	7° 2	1°54	24°35	24°R36	24°17	8°51	n.a.	M30
T 31	12 14 59	5♈27'18	4♈ 1	13♓52	3♉35	8♑ 0	0♉ 6	8♌ 0	7♒ 4	1♎52	24♈36	24♍36	24♍14	8♌57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	9s21	10s38	2n31	16s16	0n42	1s53	0s45	23s23	0s12	8n32	0s54	19n51	1n48	19s42	0s39	0n45	1n59	3s29	13s54	2n10	1n41	15n16			n.a.
M 2	8 59	6 22	1 14	16 27	0 28	1 22	0 43	23 28	0 13	8 36	0 54	19 52	1 48	19 42	0 39	0 45	1 59	3 28	13 53	2 11	1 42	15 15			n.a.
T 3	8 37	1 47	0s 7	16 36	0 14	0 50	0 41	23 33	0 14	8 41	0 53	19 53	1 48	19 41	0 39	0 46	1 59	3 28	13 53	2 11	1 43	15 14			n.a.
W 4	8 14	2n48	1 26	16 43	0 0	0 18	0 39	23 37	0 15	8 45	0 53	19 54	1 48	19 40	0 39	0 47	1 59	3 27	13 53	2 11	1 45	15 13			n.a.
T 5	7 52	7 6	2 37	16 48	0s12	0n14	0 36	23 41	0 17	8 50	0 53	19 55	1 48	19 39	0 39	0 47	1 59	3 26	13 53	2 10	1 46	15 12			n.a.
F 6	7 29	10 53	3 37	16 51	0 25	0 45	0 34	23 45	0 18	8 54	0 53	19 56	1 48	19 39	0 39	0 48	1 59	3 26	13 52	2 10	1 47	15 10			n.a.
S 7	7 7	13 59	4 24	16 52	0 37	1 17	0 32	23 49	0 19	8 59	0 53	19 57	1 47	19 38	0 39	0 49	1 59	3 25	13 52	2 9	1 48	15 9			n.a.
S 8	6 44	16 19	4 56	16 52	0 48	1 49	0 29	23 53	0 21	9 4	0 52	19 58	1 47	19 37	0 40	0 49	1 59	3 25	13 52	2 9	1 50	15 8			n.a.
M 9	6 21	17 49	5 14	16 50	0 59	2 20	0 27	23 57	0 22	9 8	0 52	19 59	1 47	19 36	0 40	0 50	1 59	3 24	13 52	2 9	1 51	15 7			n.a.
T 10	5 58	18 27	5 16	16 45	1 9	2 52	0 24	24 0	0 24	9 13	0 52	19 59	1 47	19 36	0 40	0 50	1 59	3 24	13 52	2 9	1 52	15 6			n.a.
W11	5 35	18 15	5 5	16 39	1 19	3 24	0 22	24 3	0 25	9 18	0 52	20 0	1 47	19 35	0 40	0 51	1 59	3 23	13 51	2 9	1 53	15 5			n.a.
T 12	5 12	17 15	4 41	16 32	1 28	3 55	0 19	24 6	0 27	9 22	0 52	20 1	1 47	19 34	0 40	0 52	1 59	3 22	13 51	2 10	1 55	15 4			n.a.
F 13	4 49	15 30	4 5	16 22	1 36	4 27	0 16	24 9	0 28	9 27	0 52	20 2	1 47	19 34	0 40	0 52	1 59	3 22	13 51	2 10	1 56	15 3			n.a.
S 14	4 26	13 6	3 18	16 11	1 44	4 58	0 14	24 11	0 29	9 32	0 51	20 3	1 47	19 33	0 40	0 53	1 59	3 21	13 51	2 10	1 57	15 2			n.a.
S 15	4 3	10 8	2 23	15 58	1 52	5 29	0 11	24 14	0 31	9 36	0 51	20 3	1 47	19 32	0 40	0 54	1 59	3 21	13 51	2 11	1 59	15 1			n.a.
M16	3 39	6 43	1 21	15 43	1 58	6 0	0 8	24 16	0 32	9 41	0 51	20 4	1 47	19 32	0 40	0 54	1 59	3 20	13 50	2 11	2 0	14 59			n.a.
T 17	3 16	2 59	0 14	15 26	2 5	6 31	0 6	24 18	0 34	9 46	0 51	20 5	1 47	19 31	0 40	0 55	1 59	3 19	13 50	2 11	2 1	14 58			n.a.
W18	2 53	0s56	0n54	15 8	2 10	7 2	0 3	24 20	0 35	9 51	0 51	20 6	1 47	19 30	0 40	0 56	1 59	3 19	13 50	2 11	2 2	14 57			n.a.
T 19	2 29	4 51	2 1	14 48	2 15	7 33	0 0	24 21	0 37	9 55	0 51	20 6	1 47	19 30	0 40	0 56	1 59	3 18	13 50	2 11	2 4	14 56			n.a.
F 20	2 6	8 37	3 2	14 27	2 20	8 3	0n 3	24 23	0 39	10 0	0 50	20 7	1 47	19 29	0 40	0 57	1 59	3 18	13 50	2 11	2 5	14 55			n.a.
S 21	1 42	12 3	3 56	14 4	2 24	8 33	0 5	24 24	0 40	10 5	0 50	20 7	1 47	19 29	0 40	0 58	1 59	3 17	13 49	2 11	2 6	14 54			n.a.
S 22	1 19	14 55	4 38	13 39	2 27	9 4	0 8	24 25	0 42	10 10	0 50	20 8	1 47	19 28	0 40	0 58	1 59	3 16	13 49	2 11	2 7	14 53			n.a.
M23	0 56	17 3	5 6	13 13	2 30	9 33	0 11	24 26	0 43	10 14	0 50	20 8	1 47	19 27	0 40	0 59	1 59	3 16	13 49	2 11	2 9	14 52			n.a.
T 24	0 32	18 16	5 17	12 45	2 32	10 3	0 14	24 26	0 45	10 19	0 50	20 9	1 47	19 27	0 40	1 0	1 59	3 15	13 49	2 11	2 10	14 51			n.a.
W25	0 9	18 23	5 10	12 15	2 34	10 33	0 17	24 27	0 47	10 24	0 50	20 9	1 46	19 26	0 40	1 0	1 59	3 15	13 49	2 11	2 11	14 49			n.a.
T 26	0n15	17 22	4 44	11 44	2 35	11 2	0 20	24 27	0 48	10 29	0 50	20 10	1 46	19 26	0 40	1 1	1 59	3 14	13 49	2 11	2 13	14 48			n.a.
F 27	0 38	15 14	4 0	11 11	2 35	11 31	0 22	24 27	0 50	10 34	0 49	20 10	1 46	19 25	0 40	1 2	1 59	3 14	13 49	2 11	2 14	14 47			n.a.
S 28	1 2	12 6	3 0	10 37	2 35	11 59	0 25	24 27	0 52	10 38	0 49	20 11	1 46	19 24	0 40	1 2	1 59	3 13	13 48	2 10	2 15	14 46			n.a.
S 29	1 25	8 11	1 47	10 1	2 35	12 28	0 28	24 27	0 54	10 43	0 49	20 11	1 46	19 24	0 40	1 3	1 59	3 12	13 48	2 10	2 16	14 45			n.a.
M30	1 48	3 46	0 28	9 24	2 33	12 56	0 31	24 27	0 55	10 48	0 49	20 11	1 46	19 23	0 40	1 4	1 59	3 12	13 48	2 10	2 18	14 44			n.a.
T 31	2n12	0n49	0s52	8s45	2s32	13n24	0n34	24s26	0s57	10n53	0s49	20n12	1n46	19s23	0s40	1n 4	1n59	3s11	13s48	2n10	2n19	14n43			n.a.

Julian Day Number = 1594010.5, Delta T = 04h03m22s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'19, Lahiri = - 8°46'19 Julian Calendar 1 March 349 BCE == Greg. Calendar 25 Feb. 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

APRIL 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 18 55	6♈25'21	18♈18	15♓29	4♉48	8♊39	0♉19	7°R59	7♒ 6	1°R51	24♈38	24°R36	24♍11	9♌ 4	n.a.	W 1
T 2	12 22 52	7°23'23	2♉15	17° 8	6° 0	9°18	0°32	7♌57	7° 8	1♎49	24°39	24♍34	24° 8	9°11	n.a.	T 2
F 3	12 26 48	8°21'23	15°50	18°50	7°13	9°57	0°46	7°56	7°10	1°47	24°40	24°33	24° 5	9°17	n.a.	F 3
S 4	12 30 45	9°19'21	29° 3	20°33	8°25	10°36	0°59	7°55	7°12	1°46	24°41	24°31	24° 2	9°24	n.a.	S 4
S 5	12 34 42	10°17'17	11♊53	22°18	9°37	11°15	1°13	7°54	7°14	1°44	24°43	24°29	23°58	9°31	n.a.	S 5
M 6	12 38 38	11°15'11	24°22	24° 5	10°49	11°54	1°26	7°53	7°16	1°42	24°44	24°27	23°55	9°37	n.a.	M 6
T 7	12 42 35	12°13'04	6♋36	25°53	12° 1	12°32	1°40	7°52	7°18	1°41	24°45	24°D27	23°52	9°44	n.a.	T 7
W 8	12 46 31	13°10'54	18°37	27°44	13°14	13°11	1°53	7°52	7°20	1°39	24°47	24°27	23°49	9°51	n.a.	W 8
T 9	12 50 28	14° 8'43	0♌30	29°37	14°26	13°49	2° 7	7°51	7°22	1°38	24°48	24°27	23°46	9°57	n.a.	T 9
F 10	12 54 24	15° 6'29	12°20	1♈31	15°38	14°28	2°20	7°50	7°24	1°36	24°49	24°29	23°42	10° 4	n.a.	F 10
S 11	12 58 21	16° 4'14	24°12	3°27	16°49	15° 6	2°34	7°50	7°26	1°35	24°51	24°30	23°39	10°11	n.a.	S 11
S 12	13 2 17	17° 1'58	6♍10	5°25	18° 1	15°44	2°48	7°50	7°27	1°33	24°52	24°32	23°36	10°18	n.a.	S 12
M13	13 6 14	17°59'39	18°18	7°25	19°13	16°23	3° 1	7°50	7°29	1°31	24°53	24°33	23°33	10°24	n.a.	M13
T 14	13 10 11	18°57'19	0♎37	9°27	20°25	17° 1	3°15	7°D50	7°30	1°30	24°55	24°R33	23°30	10°31	n.a.	T 14
W15	13 14 7	19°54'58	13°12	11°30	21°36	17°39	3°29	7°50	7°32	1°28	24°56	24°32	23°27	10°38	n.a.	W15
T 16	13 18 4	20°52'35	26° 2	13°35	22°48	18°17	3°42	7°50	7°34	1°27	24°58	24°29	23°23	10°44	n.a.	T 16
F 17	13 22 0	21°50'10	9♏ 7	15°41	24° 0	18°54	3°56	7°50	7°35	1°25	24°59	24°26	23°20	10°51	n.a.	F 17
S 18	13 25 57	22°47'45	22°28	17°49	25°11	19°32	4°10	7°50	7°36	1°24	25° 0	24°22	23°17	10°58	n.a.	S 18
S 19	13 29 53	23°45'18	6♐ 2	19°58	26°22	20°10	4°24	7°51	7°38	1°22	25° 2	24°17	23°14	11° 4	n.a.	S 19
M20	13 33 50	24°42'51	19°47	22° 8	27°34	20°47	4°37	7°51	7°39	1°21	25° 3	24°13	23°11	11°11	n.a.	M20
T 21	13 37 46	25°40'22	3♑43	24°18	28°45	21°25	4°51	7°52	7°41	1°19	25° 4	24°10	23° 8	11°18	n.a.	T 21
W22	13 41 43	26°37'52	17°46	26°30	29°56	22° 2	5° 5	7°53	7°42	1°18	25° 6	24° 9	23° 4	11°24	n.a.	W22
T 23	13 45 40	27°35'21	1♒55	28°41	1♊ 8	22°39	5°19	7°53	7°43	1°16	25° 7	24°D 9	23° 1	11°31	n.a.	T 23
F 24	13 49 36	28°32'50	16° 9	0♉52	2°19	23°16	5°33	7°54	7°44	1°15	25° 8	24° 9	22°58	11°38	n.a.	F 24
S 25	13 53 33	29°30'17	0♓24	3° 4	3°30	23°53	5°47	7°55	7°45	1°14	25°10	24°11	22°55	11°44	n.a.	S 25
S 26	13 57 29	0♉27'44	14°39	5°14	4°41	24°30	6° 1	7°57	7°46	1°12	25°11	24°12	22°52	11°51	n.a.	S 26
M27	14 1 26	1°25'10	28°51	7°24	5°52	25° 7	6°14	7°58	7°47	1°11	25°12	24°R12	22°48	11°58	n.a.	M27
T 28	14 5 22	2°22'35	12♈56	9°33	7° 3	25°43	6°28	7°59	7°48	1°10	25°14	24°11	22°45	12° 4	n.a.	T 28
W29	14 9 19	3°19'59	26°52	11°41	8°13	26°20	6°42	8° 1	7°49	1° 8	25°15	24° 8	22°42	12°11	n.a.	W29
T 30	14 13 15	4♉17'22	10♉33	13♉47	9♊24	26♊56	6♉56	8♌ 2	7♒50	1♎ 7	25♈17	24♍ 3	22♍39	12♌18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n35	5n18	2s 8	8s 5	2s29	13n51	0n37	24s26	0s59	10n58	0s49	20n12	1n46	19s22	0s40	1n 5	1n59	3s11	13s48	2n10	2n20	14n41		n.a.
T 2	2 58	9 22	3 14	7 23	2 27	14 18	0 39	24 25	1 1	11 3	0 49	20 12	1 46	19 22	0 40	1 6	1 59	3 10	13 48	2 11	2 22	14 40		n.a.
F 3	3 21	12 51	4 7	6 40	2 23	14 45	0 42	24 24	1 2	11 8	0 48	20 13	1 46	19 21	0 40	1 6	1 59	3 10	13 48	2 12	2 23	14 39		n.a.
S 4	3 44	15 33	4 46	5 55	2 19	15 12	0 45	24 22	1 4	11 12	0 48	20 13	1 46	19 21	0 40	1 7	1 59	3 9	13 48	2 12	2 24	14 38		n.a.
S 5	4 7	17 24	5 9	5 9	2 15	15 38	0 48	24 21	1 6	11 17	0 48	20 13	1 45	19 20	0 40	1 7	1 59	3 8	13 47	2 13	2 25	14 37		n.a.
M 6	4 30	18 21	5 16	4 22	2 10	16 3	0 51	24 19	1 8	11 22	0 48	20 13	1 45	19 20	0 40	1 8	1 59	3 8	13 47	2 14	2 27	14 36		n.a.
T 7	4 53	18 25	5 9	3 33	2 4	16 29	0 53	24 18	1 10	11 27	0 48	20 13	1 45	19 19	0 40	1 9	1 59	3 7	13 47	2 14	2 28	14 34		n.a.
W 8	5 16	17 40	4 49	2 43	1 58	16 54	0 56	24 16	1 12	11 32	0 48	20 13	1 45	19 19	0 40	1 9	1 59	3 7	13 47	2 14	2 29	14 33		n.a.
T 9	5 39	16 8	4 16	1 52	1 52	17 18	0 59	24 14	1 14	11 37	0 48	20 13	1 45	19 18	0 40	1 10	1 59	3 6	13 47	2 14	2 30	14 32		n.a.
F 10	6 1	13 55	3 32	0 59	1 45	17 42	1 2	24 12	1 16	11 41	0 48	20 13	1 45	19 18	0 40	1 11	1 59	3 6	13 47	2 13	2 32	14 31		n.a.
S 11	6 24	11 7	2 40	0 5	1 37	18 6	1 4	24 9	1 18	11 46	0 47	20 13	1 45	19 18	0 41	1 11	1 59	3 5	13 47	2 13	2 33	14 30		n.a.
S 12	6 46	7 49	1 40	0n49	1 29	18 29	1 7	24 7	1 20	11 51	0 47	20 13	1 45	19 17	0 41	1 12	1 59	3 5	13 47	2 12	2 34	14 29		n.a.
M13	7 9	4 9	0 34	1 45	1 20	18 52	1 10	24 4	1 22	11 56	0 47	20 13	1 45	19 17	0 41	1 13	1 59	3 4	13 47	2 12	2 36	14 27		n.a.
T 14	7 31	0 15	0n33	2 42	1 12	19 14	1 12	24 1	1 24	12 1	0 47	20 13	1 45	19 16	0 41	1 13	1 59	3 3	13 47	2 12	2 37	14 26		n.a.
W15	7 53	3s44	1 41	3 39	1 2	19 36	1 15	23 58	1 26	12 6	0 47	20 13	1 44	19 16	0 41	1 14	1 59	3 3	13 47	2 12	2 38	14 25		n.a.
T 16	8 15	7 37	2 44	4 37	0 53	19 57	1 17	23 55	1 28	12 10	0 47	20 13	1 44	19 16	0 41	1 14	1 59	3 2	13 47	2 13	2 39	14 24		n.a.
F 17	8 37	11 14	3 41	5 35	0 43	20 17	1 20	23 52	1 30	12 15	0 47	20 13	1 44	19 15	0 41	1 15	1 59	3 2	13 47	2 14	2 41	14 23		n.a.
S 18	8 58	14 20	4 26	6 34	0 33	20 38	1 22	23 48	1 32	12 20	0 47	20 13	1 44	19 15	0 41	1 15	1 59	3 1	13 46	2 16	2 42	14 22		n.a.
S 19	9 20	16 42	4 57	7 33	0 22	20 57	1 25	23 45	1 34	12 25	0 46	20 12	1 44	19 15	0 41	1 16	1 59	3 1	13 46	2 18	2 43	14 20		n.a.
M20	9 41	18 9	5 12	8 32	0 12	21 16	1 27	23 41	1 36	12 30	0 46	20 12	1 44	19 14	0 41	1 17	1 59	3 0	13 46	2 19	2 44	14 19		n.a.
T 21	10 3	18 33	5 8	9 31	0 1	21 35	1 29	23 37	1 38	12 34	0 46	20 12	1 44	19 14	0 41	1 17	1 59	3 0	13 46	2 21	2 46	14 18		n.a.
W22	10 24	17 48	4 47	10 29	0n 9	21 53	1 32	23 34	1 40	12 39	0 46	20 12	1 44	19 14	0 41	1 18	1 59	2 59	13 46	2 21	2 47	14 17		n.a.
T 23	10 45	15 57	4 7	11 27	0 20	22 10	1 34	23 29	1 43	12 44	0 46	20 11	1 44	19 14	0 41	1 18	1 59	2 59	13 46	2 21	2 48	14 16		n.a.
F 24	11 5	13 8	3 13	12 23	0 30	22 27	1 36	23 25	1 45	12 49	0 46	20 11	1 43	19 13	0 41	1 19	1 59	2 58	13 46	2 21	2 50	14 14		n.a.
S 25	11 26	9 30	2 6	13 19	0 40	22 43	1 38	23 21	1 47	12 53	0 46	20 11	1 43	19 13	0 41	1 19	1 59	2 58	13 46	2 20	2 51	14 13		n.a.
S 26	11 46	5 19	0 52	14 13	0 50	22 59	1 40	23 17	1 49	12 58	0 46	20 10	1 43	19 13	0 41	1 20	1 59	2 57	13 46	2 20	2 52	14 12		n.a.
M27	12 7	0 51	0s25	15 6	1 0	23 14	1 42	23 12	1 52	13 3	0 46	20 10	1 43	19 13	0 41	1 20	1 59	2 57	13 46	2 20	2 53	14 11		n.a.
T 28	12 27	3n38	1 40	15 56	1 9	23 28	1 44	23 8	1 54	13 8	0 46	20 9	1 43	19 12	0 41	1 21	1 59	2 56	13 46	2 20	2 55	14 10		n.a.
W29	12 47	7 52	2 48	16 45	1 18	23 42	1 46	23 3	1 56	13 12	0 46	20 9	1 43	19 12	0 41	1 21	1 59	2 56	13 46	2 22	2 56	14 8		n.a.
T 30	13n 6	11n36	3s45	17n32	1n26	23n55	1n48	22s58	1s59	13n17	0s45	20n 8	1n43	19s12	0s41	1n22	1n59	2s55	13s46	2n24	2n57	14n 7		n.a.

Julian Day Number = 1594041.5, Delta T = 04h03m21s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'15, Lahiri = - 8°46'14 Julian Calendar 1 Apr. 349 BCE == Greg. Calendar 27 March 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

MAY 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 17 12	5♉14'44	23♉57	15♉51	10♊35	27♋32	7♉10	8♌ 4	7♒51	1°R 6	25♈18	23°R56	22♍36	12♌24	n.a.	F 1
S 2	14 21 9	6°12'05	7♊ 3	17°54	11°45	28° 8	7°24	8° 6	7°52	1♎ 4	25°19	23♍49	22°33	12°31	n.a.	S 2
S 3	14 25 5	7° 9'25	19°50	19°54	12°56	28°44	7°38	8° 7	7°52	1° 3	25°21	23°42	22°29	12°38	n.a.	S 3
M 4	14 29 2	8° 6'44	2♋19	21°52	14° 6	29°19	7°52	8° 9	7°53	1° 2	25°22	23°36	22°26	12°44	n.a.	M 4
T 5	14 32 58	9° 4'01	14°32	23°48	15°17	29°55	8° 5	8°11	7°54	1° 1	25°23	23°31	22°23	12°51	n.a.	T 5
W 6	14 36 55	10° 1'18	26°34	25°42	16°27	0♒30	8°19	8°14	7°54	0°59	25°25	23°29	22°20	12°58	n.a.	W 6
T 7	14 40 51	10°58'34	8♌27	27°33	17°37	1° 5	8°33	8°16	7°55	0°58	25°26	23°D27	22°17	13° 4	n.a.	T 7
F 8	14 44 48	11°55'48	20°17	29°22	18°47	1°40	8°47	8°18	7°55	0°57	25°27	23°28	22°13	13°11	n.a.	F 8
S 9	14 48 44	12°53'02	2♍10	1♊ 8	19°57	2°15	9° 1	8°21	7°56	0°56	25°28	23°29	22°10	13°18	n.a.	S 9
S 10	14 52 41	13°50'15	14°10	2°52	21° 7	2°49	9°15	8°23	7°56	0°55	25°30	23°30	22° 7	13°25	n.a.	S 10
M11	14 56 38	14°47'26	26°21	4°33	22°17	3°24	9°29	8°26	7°57	0°54	25°31	23°R30	22° 4	13°31	n.a.	M11
T 12	15 0 34	15°44'37	8♎49	6°12	23°27	3°58	9°43	8°28	7°57	0°53	25°32	23°29	22° 1	13°38	n.a.	T 12
W13	15 4 31	16°41'47	21°36	7°48	24°36	4°32	9°56	8°31	7°57	0°52	25°34	23°26	21°58	13°45	n.a.	W13
T 14	15 8 27	17°38'57	4♏43	9°21	25°46	5° 5	10°10	8°34	7°57	0°51	25°35	23°20	21°54	13°51	n.a.	T 14
F 15	15 12 24	18°36'06	18°11	10°52	26°55	5°39	10°24	8°37	7°57	0°50	25°36	23°13	21°51	13°58	n.a.	F 15
S 16	15 16 20	19°33'14	1♐57	12°20	28° 5	6°12	10°38	8°40	7°58	0°49	25°37	23° 4	21°48	14° 5	n.a.	S 16
S 17	15 20 17	20°30'22	15°57	13°46	29°14	6°45	10°51	8°43	7°58	0°48	25°39	22°55	21°45	14°11	n.a.	S 17
M18	15 24 13	21°27'30	0♑ 8	15° 9	0♋23	7°18	11° 5	8°47	7°R58	0°47	25°40	22°47	21°42	14°18	n.a.	M18
T 19	15 28 10	22°24'38	14°25	16°29	1°32	7°51	11°19	8°50	7°58	0°46	25°41	22°40	21°39	14°25	n.a.	T 19
W20	15 32 7	23°21'45	28°43	17°46	2°41	8°23	11°33	8°53	7°58	0°45	25°42	22°36	21°35	14°31	n.a.	W20
T 21	15 36 3	24°18'52	12♒58	19° 0	3°50	8°55	11°46	8°57	7°57	0°44	25°44	22°33	21°32	14°38	n.a.	T 21
F 22	15 40 0	25°16'00	27° 8	20°12	4°59	9°27	12° 0	9° 0	7°57	0°44	25°45	22°D33	21°29	14°45	n.a.	F 22
S 23	15 43 56	26°13'07	11♓12	21°20	6° 8	9°59	12°14	9° 4	7°57	0°43	25°46	22°33	21°26	14°51	n.a.	S 23
S 24	15 47 53	27°10'14	25° 9	22°26	7°16	10°30	12°27	9° 8	7°57	0°42	25°47	22°R33	21°23	14°58	n.a.	S 24
M25	15 51 49	28° 7'22	8♈57	23°29	8°25	11° 1	12°41	9°12	7°56	0°41	25°48	22°32	21°19	15° 5	n.a.	M25
T 26	15 55 46	29° 4'29	22°38	24°28	9°33	11°32	12°55	9°16	7°56	0°41	25°50	22°29	21°16	15°11	n.a.	T 26
W27	15 59 42	0♊ 1'37	6♉ 8	25°24	10°42	12° 3	13° 8	9°20	7°56	0°40	25°51	22°23	21°13	15°18	n.a.	W27
T 28	16 3 39	0°58'45	19°28	26°17	11°50	12°33	13°22	9°24	7°55	0°39	25°52	22°15	21°10	15°25	n.a.	T 28
F 29	16 7 36	1°55'52	2♊34	27° 6	12°58	13° 2	13°35	9°28	7°55	0°39	25°53	22° 4	21° 7	15°31	n.a.	F 29
S 30	16 11 32	2°53'00	15°26	27°51	14° 6	13°32	13°49	9°32	7°54	0°38	25°54	21°52	21° 4	15°38	n.a.	S 30
S 31	16 15 29	3♊50'07	28♊ 3	28♊33	15♋13	14♒ 1	14♉ 2	9♌37	7♒53	0♎38	25♈55	21♍40	21♍ 0	15♌45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n26	14n40	4s28	18n16	1n33	24n 7	1n50	22s53	2s 1	13n22	0s45	20n 8	1n43	19s12	0s41	1n22	1n59	2s55	13s46	2n26	2n58	14n 6		n.a.
S 2	13 45	16 53	4 56	18 58	1 40	24 19	1 52	22 48	2 3	13 26	0 45	20 7	1 43	19 12	0 41	1 23	1 59	2 55	13 46	2 29	3 0	14 5		n.a.
S 3	14 4	18 13	5 8	19 38	1 46	24 30	1 53	22 43	2 6	13 31	0 45	20 6	1 43	19 11	0 41	1 23	1 59	2 54	13 46	2 32	3 1	14 3		n.a.
M 4	14 23	18 37	5 6	20 16	1 52	24 40	1 55	22 38	2 8	13 36	0 45	20 6	1 42	19 11	0 41	1 24	1 59	2 54	13 46	2 34	3 2	14 2		n.a.
T 5	14 42	18 9	4 49	20 50	1 57	24 50	1 56	22 33	2 11	13 40	0 45	20 5	1 42	19 11	0 41	1 24	1 59	2 53	13 46	2 36	3 3	14 1		n.a.
W 6	15 0	16 51	4 19	21 23	2 1	24 59	1 58	22 27	2 13	13 45	0 45	20 5	1 42	19 11	0 41	1 25	1 59	2 53	13 46	2 37	3 5	14 0		n.a.
T 7	15 18	14 51	3 39	21 53	2 5	25 8	1 59	22 22	2 15	13 49	0 45	20 4	1 42	19 11	0 41	1 25	1 59	2 52	13 47	2 38	3 6	13 59		n.a.
F 8	15 36	12 13	2 50	22 20	2 7	25 15	2 0	22 16	2 18	13 54	0 45	20 3	1 42	19 11	0 42	1 26	1 59	2 52	13 47	2 38	3 7	13 57		n.a.
S 9	15 54	9 5	1 53	22 45	2 9	25 22	2 2	22 11	2 20	13 58	0 45	20 2	1 42	19 11	0 42	1 26	1 59	2 51	13 47	2 37	3 9	13 56		n.a.
S 10	16 11	5 32	0 50	23 8	2 11	25 28	2 3	22 5	2 23	14 3	0 45	20 2	1 42	19 11	0 42	1 26	1 59	2 51	13 47	2 37	3 10	13 55		n.a.
M11	16 28	1 42	0n15	23 28	2 11	25 34	2 4	22 0	2 26	14 7	0 45	20 1	1 42	19 11	0 42	1 27	1 59	2 51	13 47	2 37	3 11	13 54		n.a.
T 12	16 45	2s18	1 22	23 46	2 11	25 39	2 5	21 54	2 28	14 12	0 44	20 0	1 42	19 11	0 42	1 27	1 58	2 50	13 47	2 37	3 12	13 52		n.a.
W13	17 2	6 17	2 25	24 1	2 10	25 43	2 6	21 48	2 31	14 16	0 44	19 59	1 41	19 11	0 42	1 28	1 58	2 50	13 47	2 38	3 14	13 51		n.a.
T 14	17 18	10 4	3 23	24 15	2 9	25 46	2 6	21 42	2 33	14 21	0 44	19 58	1 41	19 11	0 42	1 28	1 58	2 50	13 47	2 41	3 15	13 50		n.a.
F 15	17 34	13 27	4 10	24 26	2 6	25 49	2 7	21 37	2 36	14 25	0 44	19 57	1 41	19 11	0 42	1 28	1 58	2 49	13 47	2 44	3 16	13 49		n.a.
S 16	17 50	16 9	4 45	24 35	2 3	25 51	2 8	21 31	2 39	14 30	0 44	19 56	1 41	19 11	0 42	1 29	1 58	2 49	13 47	2 47	3 17	13 47		n.a.
S 17	18 6	17 58	5 3	24 43	2 0	25 52	2 8	21 25	2 41	14 34	0 44	19 56	1 41	19 11	0 42	1 29	1 58	2 48	13 47	2 51	3 19	13 46		n.a.
M18	18 21	18 42	5 2	24 48	1 55	25 53	2 9	21 19	2 44	14 39	0 44	19 55	1 41	19 11	0 42	1 29	1 58	2 48	13 47	2 54	3 20	13 45		n.a.
T 19	18 36	18 15	4 43	24 52	1 50	25 53	2 9	21 13	2 47	14 43	0 44	19 54	1 41	19 11	0 42	1 30	1 58	2 48	13 47	2 57	3 21	13 44		n.a.
W20	18 51	16 39	4 7	24 54	1 45	25 52	2 9	21 7	2 50	14 47	0 44	19 53	1 41	19 11	0 42	1 30	1 58	2 47	13 47	2 58	3 23	13 42		n.a.
T 21	19 5	14 1	3 15	24 54	1 38	25 50	2 10	21 1	2 52	14 52	0 44	19 51	1 41	19 11	0 42	1 30	1 58	2 47	13 48	2 59	3 24	13 41		n.a.
F 22	19 19	10 34	2 11	24 53	1 31	25 48	2 10	20 55	2 55	14 56	0 44	19 50	1 41	19 11	0 42	1 30	1 58	2 47	13 48	3 0	3 25	13 40		n.a.
S 23	19 33	6 32	1 0	24 50	1 23	25 45	2 10	20 49	2 58	15 0	0 44	19 49	1 40	19 11	0 42	1 31	1 58	2 46	13 48	2 59	3 26	13 39		n.a.
S 24	19 46	2 10	0s14	24 46	1 15	25 41	2 9	20 43	3 1	15 4	0 44	19 48	1 40	19 11	0 42	1 31	1 58	2 46	13 48	2 59	3 28	13 37		n.a.
M25	19 59	2n16	1 26	24 40	1 6	25 37	2 9	20 37	3 4	15 9	0 44	19 47	1 40	19 11	0 42	1 31	1 58	2 46	13 48	3 0	3 29	13 36		n.a.
T 26	20 12	6 33	2 33	24 33	0 56	25 32	2 9	20 31	3 7	15 13	0 44	19 46	1 40	19 11	0 42	1 31	1 58	2 45	13 48	3 1	3 30	13 35		n.a.
W27	20 24	10 26	3 30	24 25	0 46	25 26	2 8	20 25	3 9	15 17	0 43	19 45	1 40	19 11	0 42	1 32	1 58	2 45	13 48	3 3	3 31	13 34		n.a.
T 28	20 36	13 44	4 15	24 16	0 36	25 19	2 8	20 19	3 12	15 21	0 43	19 44	1 40	19 12	0 42	1 32	1 58	2 45	13 48	3 7	3 33	13 32		n.a.
F 29	20 48	16 16	4 45	24 6	0 24	25 12	2 7	20 13	3 15	15 25	0 43	19 42	1 40	19 12	0 42	1 32	1 58	2 45	13 49	3 11	3 34	13 31		n.a.
S 30	21 0	17 57	5 0	23 55	0 12	25 4	2 6	20 8	3 18	15 29	0 43	19 41	1 40	19 12	0 42	1 32	1 58	2 44	13 49	3 16	3 35	13 30		n.a.
S 31	21n11	18n43	5s 0	23n44	0n 0	24n56	2n 5	20s 2	3s21	15n34	0s43	19n40	1n40	19s12	0s42	1n32	1n58	2s44	13s49	3n20	3n36	13n28		n.a.

Julian Day Number = 1594071.5, Delta T = 04h03m20s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'11, Lahiri = - 8°46'10 Julian Calendar 1 May 349 BCE == Greg. Calendar 26 Apr. 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

JUNE 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 19 25	4♊47'15	10♋25	29♊11	16♋21	14♒30	14♉15	9♌41	7°R53	0°R37	25♈56	21°R30	20♍57	15♌51	n.a.	M 1
T 2	16 23 22	5°44'22	22°34	29°46	17°29	14°58	14°29	9°46	7♒52	0♎37	25°58	21♍21	20°54	15°58	n.a.	T 2
W 3	16 27 18	6°41'30	4♌32	0♋16	18°36	15°26	14°42	9°50	7°51	0°36	25°59	21°14	20°51	16° 5	n.a.	W 3
T 4	16 31 15	7°38'37	16°24	0°41	19°43	15°54	14°55	9°55	7°50	0°36	26° 0	21°10	20°48	16°11	n.a.	T 4
F 5	16 35 11	8°35'44	28°13	1° 3	20°50	16°21	15° 9	9°59	7°50	0°36	26° 1	21° 8	20°45	16°18	n.a.	F 5
S 6	16 39 8	9°32'51	10♍ 4	1°20	21°57	16°48	15°22	10° 4	7°49	0°35	26° 2	21°D 8	20°41	16°25	n.a.	S 6
S 7	16 43 5	10°29'58	22° 4	1°32	23° 4	17°15	15°35	10° 9	7°48	0°35	26° 3	21°R 8	20°38	16°31	n.a.	S 7
M 8	16 47 1	11°27'05	4♎16	1°40	24°11	17°41	15°48	10°14	7°47	0°35	26° 4	21° 8	20°35	16°38	n.a.	M 8
T 9	16 50 58	12°24'12	16°47	1°R43	25°17	18° 7	16° 1	10°19	7°46	0°34	26° 5	21° 5	20°32	16°45	n.a.	T 9
W10	16 54 54	13°21'19	29°40	1°41	26°24	18°32	16°14	10°24	7°45	0°34	26° 6	21° 1	20°29	16°51	n.a.	W10
T 11	16 58 51	14°18'26	12♏58	1°34	27°30	18°57	16°27	10°29	7°44	0°34	26° 7	20°54	20°25	16°58	n.a.	T 11
F 12	17 2 47	15°15'34	26°42	1°23	28°36	19°22	16°40	10°35	7°43	0°34	26° 8	20°45	20°22	17° 5	n.a.	F 12
S 13	17 6 44	16°12'42	10♐48	1° 7	29°42	19°46	16°53	10°40	7°41	0°34	26° 9	20°34	20°19	17°11	n.a.	S 13
S 14	17 10 41	17° 9'50	25°13	0°46	0♌47	20° 9	17° 6	10°45	7°40	0°33	26°10	20°23	20°16	17°18	n.a.	S 14
M15	17 14 37	18° 6'59	9♑50	0°22	1°53	20°32	17°19	10°51	7°39	0°33	26°10	20°12	20°13	17°25	n.a.	M15
T 16	17 18 34	19° 4'09	24°32	29♊53	2°58	20°55	17°32	10°56	7°38	0°33	26°11	20° 3	20°10	17°31	n.a.	T 16
W17	17 22 30	20° 1'19	9♒11	29°21	4° 3	21°17	17°44	11° 2	7°36	0°D33	26°12	19°57	20° 6	17°38	n.a.	W17
T 18	17 26 27	20°58'30	23°41	28°45	5° 8	21°38	17°57	11° 7	7°35	0°33	26°13	19°53	20° 3	17°45	n.a.	T 18
F 19	17 30 23	21°55'43	7♓59	28° 7	6°13	21°59	18°10	11°13	7°33	0°33	26°14	19°52	20° 0	17°51	n.a.	F 19
S 20	17 34 20	22°52'56	22° 2	27°27	7°17	22°20	18°22	11°18	7°32	0°33	26°15	19°52	19°57	17°58	n.a.	S 20
S 21	17 38 16	23°50'10	5♈51	26°46	8°21	22°40	18°35	11°24	7°30	0°34	26°16	19°52	19°54	18° 5	n.a.	S 21
M22	17 42 13	24°47'25	19°26	26° 3	9°26	22°59	18°47	11°30	7°29	0°34	26°16	19°50	19°51	18°11	n.a.	M22
T 23	17 46 10	25°44'41	2♉48	25°21	10°29	23°18	18°59	11°36	7°27	0°34	26°17	19°46	19°47	18°18	n.a.	T 23
W24	17 50 6	26°41'58	15°58	24°40	11°33	23°36	19°12	11°42	7°26	0°34	26°18	19°40	19°44	18°25	n.a.	W24
T 25	17 54 3	27°39'16	28°56	24° 0	12°36	23°54	19°24	11°48	7°24	0°34	26°19	19°30	19°41	18°31	n.a.	T 25
F 26	17 57 59	28°36'35	11♊42	23°22	13°40	24°11	19°36	11°54	7°22	0°35	26°19	19°19	19°38	18°38	n.a.	F 26
S 27	18 1 56	29°33'55	24°17	22°48	14°43	24°27	19°48	12° 0	7°21	0°35	26°20	19° 6	19°35	18°45	n.a.	S 27
S 28	18 5 52	0♋31'17	6♋40	22°17	15°45	24°43	20° 0	12° 6	7°19	0°35	26°21	18°53	19°31	18°51	n.a.	S 28
M29	18 9 49	1°28'39	18°52	21°50	16°48	24°57	20°12	12°12	7°17	0°36	26°21	18°41	19°28	18°58	n.a.	M29
T 30	18 13 45	2♋26'02	0♌54	21♊28	17♌50	25♒12	20♉24	12♌19	7♒15	0♎36	26♈22	18♍31	19♍25	19♌ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	21n21	18n34	4s46	23n31	0s13	24n47	2n 4	19s56	3s24	15n38	0s43	19n39	1n40	19s12	0s42	1n33	1n57	2s44	13s49	3n25	3n38	13n27		n.a.	M 1
T 2	21 32	17 34	4 19	23 18	0 26	24 37	2 3	19 50	3 27	15 42	0 43	19 37	1 40	19 13	0 42	1 33	1 57	2 44	13 49	3 28	3 39	13 26		n.a.	T 2
W 3	21 42	15 47	3 41	23 4	0 40	24 27	2 2	19 45	3 30	15 46	0 43	19 36	1 39	19 13	0 43	1 33	1 57	2 43	13 49	3 31	3 40	13 25		n.a.	W 3
T 4	21 51	13 22	2 53	22 50	0 54	24 15	2 1	19 39	3 33	15 50	0 43	19 35	1 39	19 13	0 43	1 33	1 57	2 43	13 49	3 33	3 41	13 23		n.a.	T 4
F 5	22 0	10 23	1 59	22 35	1 9	24 4	1 59	19 34	3 36	15 54	0 43	19 33	1 39	19 13	0 43	1 33	1 57	2 43	13 50	3 33	3 43	13 22		n.a.	F 5
S 6	22 9	6 59	0 58	22 20	1 23	23 51	1 58	19 28	3 40	15 58	0 43	19 32	1 39	19 14	0 43	1 33	1 57	2 43	13 50	3 33	3 44	13 21		n.a.	S 6
S 7	22 18	3 16	0n 5	22 5	1 38	23 39	1 56	19 23	3 43	16 1	0 43	19 30	1 39	19 14	0 43	1 33	1 57	2 42	13 50	3 33	3 45	13 19		n.a.	S 7
M 8	22 26	0s40	1 9	21 50	1 53	23 25	1 54	19 18	3 46	16 5	0 43	19 29	1 39	19 14	0 43	1 33	1 57	2 42	13 50	3 34	3 47	13 18		n.a.	M 8
T 9	22 34	4 39	2 12	21 35	2 9	23 11	1 53	19 13	3 49	16 9	0 43	19 28	1 39	19 14	0 43	1 33	1 57	2 42	13 50	3 34	3 48	13 17		n.a.	T 9
W10	22 41	8 33	3 9	21 20	2 24	22 56	1 50	19 8	3 52	16 13	0 43	19 26	1 39	19 15	0 43	1 33	1 57	2 42	13 50	3 36	3 49	13 15		n.a.	W10
T 11	22 48	12 9	3 58	21 5	2 39	22 41	1 48	19 3	3 55	16 17	0 43	19 25	1 39	19 15	0 43	1 33	1 57	2 42	13 51	3 39	3 50	13 14		n.a.	T 11
F 12	22 54	15 12	4 35	20 50	2 53	22 26	1 46	18 58	3 58	16 21	0 43	19 23	1 39	19 15	0 43	1 33	1 57	2 42	13 51	3 43	3 52	13 13		n.a.	F 12
S 13	23 1	17 27	4 56	20 36	3 8	22 9	1 44	18 53	4 2	16 24	0 43	19 22	1 39	19 16	0 43	1 33	1 57	2 41	13 51	3 47	3 53	13 11		n.a.	S 13
S 14	23 6	18 39	5 0	20 22	3 22	21 52	1 41	18 49	4 5	16 28	0 43	19 20	1 39	19 16	0 43	1 33	1 57	2 41	13 51	3 51	3 54	13 10		n.a.	S 14
M15	23 12	18 39	4 43	20 9	3 35	21 35	1 39	18 44	4 8	16 32	0 43	19 18	1 39	19 16	0 43	1 33	1 57	2 41	13 51	3 56	3 55	13 9		n.a.	M15
T 16	23 17	17 24	4 9	19 57	3 47	21 17	1 36	18 40	4 11	16 35	0 43	19 17	1 39	19 17	0 43	1 33	1 57	2 41	13 52	3 59	3 57	13 8		n.a.	T 16
W17	23 21	15 1	3 17	19 45	3 59	20 59	1 33	18 36	4 15	16 39	0 43	19 15	1 38	19 17	0 43	1 33	1 57	2 41	13 52	4 2	3 58	13 6		n.a.	W17
T 18	23 25	11 41	2 14	19 34	4 9	20 40	1 30	18 31	4 18	16 43	0 43	19 14	1 38	19 18	0 43	1 33	1 56	2 41	13 52	4 3	3 59	13 5		n.a.	T 18
F 19	23 29	7 43	1 2	19 25	4 18	20 21	1 27	18 28	4 21	16 46	0 42	19 12	1 38	19 18	0 43	1 33	1 56	2 41	13 52	4 4	4 0	13 4		n.a.	F 19
S 20	23 32	3 22	0s12	19 16	4 26	20 1	1 24	18 24	4 25	16 50	0 42	19 10	1 38	19 18	0 43	1 33	1 56	2 41	13 52	4 4	4 2	13 2		n.a.	S 20
S 21	23 35	1n 5	1 24	19 9	4 33	19 41	1 20	18 20	4 28	16 53	0 42	19 9	1 38	19 19	0 43	1 33	1 56	2 40	13 53	4 4	4 3	13 1		n.a.	S 21
M22	23 38	5 24	2 30	19 3	4 37	19 21	1 17	18 17	4 31	16 57	0 42	19 7	1 38	19 19	0 43	1 33	1 56	2 40	13 53	4 4	4 4	13 0		n.a.	M22
T 23	23 40	9 22	3 26	18 59	4 40	19 0	1 13	18 14	4 34	17 0	0 42	19 5	1 38	19 20	0 43	1 33	1 56	2 40	13 53	4 6	4 6	12 58		n.a.	T 23
W24	23 42	12 49	4 11	18 56	4 42	18 38	1 9	18 11	4 38	17 4	0 42	19 3	1 38	19 20	0 43	1 33	1 56	2 40	13 53	4 9	4 7	12 57		n.a.	W24
T 25	23 43	15 35	4 42	18 55	4 41	18 17	1 5	18 8	4 41	17 7	0 42	19 2	1 38	19 21	0 43	1 32	1 56	2 40	13 53	4 12	4 8	12 56		n.a.	T 25
F 26	23 44	17 33	4 58	18 55	4 39	17 55	1 1	18 5	4 44	17 10	0 42	19 0	1 38	19 21	0 43	1 32	1 56	2 40	13 54	4 17	4 9	12 54		n.a.	F 26
S 27	23 44	18 37	4 59	18 57	4 36	17 32	0 57	18 3	4 48	17 14	0 42	18 58	1 38	19 22	0 43	1 32	1 56	2 40	13 54	4 22	4 11	12 53		n.a.	S 27
S 28	23 44	18 48	4 47	19 1	4 30	17 9	0 53	18 0	4 51	17 17	0 42	18 56	1 38	19 22	0 43	1 32	1 56	2 40	13 54	4 27	4 12	12 52		n.a.	S 28
M29	23 44	18 5	4 21	19 6	4 23	16 46	0 49	17 58	4 54	17 20	0 42	18 55	1 38	19 23	0 43	1 32	1 56	2 40	13 54	4 32	4 13	12 50		n.a.	M29
T 30	23n43	16n34	3s43	19n13	4s15	16n23	0n44	17s57	4s58	17n23	0s42	18n53	1n38	19s23	0s43	1n31	1n56	2s40	13s55	4n36	4n14	12n49		n.a.	T 30

Julian Day Number = 1594102.5, Delta T = 04h03m19s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'06, Lahiri = - 8°46'06 Julian Calendar 1 June 349 BCE == Greg. Calendar 27 May 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

JULY 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 17 42	3♋23'25	12♌48	21°R11	18♌52	25♒25	20♉36	12♌25	7°R14	0♎37	26♈23	18°R24	19♍22	19♌11	n.a.	W 1
T 2	18 21 39	4°20'50	24°36	21♊ 0	19°53	25°38	20°48	12°31	7♒12	0°37	26°23	18♍19	19°19	19°18	n.a.	T 2
F 3	18 25 35	5°18'15	6♍23	20°D55	20°54	25°50	21° 0	12°38	7°10	0°38	26°24	18°16	19°16	19°25	n.a.	F 3
S 4	18 29 32	6°15'42	18°13	20°57	21°55	26° 2	21°11	12°44	7° 8	0°38	26°25	18°D16	19°12	19°31	n.a.	S 4
S 5	18 33 28	7°13'09	0♎11	21° 4	22°56	26°13	21°23	12°51	7° 6	0°39	26°25	18°16	19° 9	19°38	n.a.	S 5
M 6	18 37 25	8°10'37	12°22	21°19	23°56	26°23	21°34	12°57	7° 4	0°39	26°26	18°R16	19° 6	19°45	n.a.	M 6
T 7	18 41 21	9° 8'06	24°52	21°40	24°56	26°32	21°46	13° 4	7° 2	0°40	26°26	18°15	19° 3	19°51	n.a.	T 7
W 8	18 45 18	10° 5'36	7♏44	22° 8	25°56	26°40	21°57	13°10	7° 0	0°41	26°27	18°12	19° 0	19°58	n.a.	W 8
T 9	18 49 14	11° 3'07	21° 4	22°43	26°55	26°48	22° 8	13°17	6°58	0°41	26°27	18° 6	18°57	20° 5	n.a.	T 9
F 10	18 53 11	12° 0'39	4♐53	23°24	27°54	26°55	22°19	13°24	6°56	0°42	26°28	17°59	18°53	20°11	n.a.	F 10
S 11	18 57 8	12°58'12	19° 8	24°12	28°53	27° 1	22°30	13°30	6°54	0°43	26°28	17°50	18°50	20°18	n.a.	S 11
S 12	19 1 4	13°55'47	3♑48	25° 6	29°51	27° 6	22°41	13°37	6°51	0°44	26°29	17°40	18°47	20°25	n.a.	S 12
M13	19 5 1	14°53'23	18°43	26° 7	0♍49	27°11	22°52	13°44	6°49	0°44	26°29	17°31	18°44	20°31	n.a.	M13
T 14	19 8 57	15°51'00	3♒46	27°14	1°46	27°14	23° 3	13°51	6°47	0°45	26°29	17°24	18°41	20°38	n.a.	T 14
W15	19 12 54	16°48'38	18°46	28°27	2°43	27°17	23°13	13°58	6°45	0°46	26°30	17°18	18°37	20°45	n.a.	W15
T 16	19 16 50	17°46'19	3♓36	29°45	3°39	27°19	23°24	14° 5	6°43	0°47	26°30	17°16	18°34	20°51	n.a.	T 16
F 17	19 20 47	18°44'00	18°10	1♋ 9	4°35	27°20	23°35	14°12	6°40	0°48	26°30	17°D15	18°31	20°58	n.a.	F 17
S 18	19 24 43	19°41'44	2♈23	2°38	5°30	27°R21	23°45	14°19	6°38	0°49	26°31	17°15	18°28	21° 5	n.a.	S 18
S 19	19 28 40	20°39'29	16°15	4°11	6°25	27°20	23°55	14°26	6°36	0°50	26°31	17°R16	18°25	21°11	n.a.	S 19
M20	19 32 37	21°37'17	29°47	5°49	7°20	27°19	24° 5	14°33	6°34	0°51	26°31	17°16	18°22	21°18	n.a.	M20
T 21	19 36 33	22°35'06	13♉ 0	7°31	8°14	27°17	24°16	14°40	6°31	0°52	26°31	17°14	18°18	21°25	n.a.	T 21
W22	19 40 30	23°32'57	25°57	9°16	9° 7	27°14	24°25	14°47	6°29	0°53	26°32	17°10	18°15	21°31	n.a.	W22
T 23	19 44 26	24°30'49	8♊39	11° 5	10° 0	27°10	24°35	14°54	6°27	0°54	26°32	17° 3	18°12	21°38	n.a.	T 23
F 24	19 48 23	25°28'44	21° 9	12°55	10°52	27° 5	24°45	15° 1	6°24	0°55	26°32	16°55	18° 9	21°45	n.a.	F 24
S 25	19 52 19	26°26'41	3♋28	14°48	11°44	26°59	24°55	15° 8	6°22	0°57	26°32	16°46	18° 6	21°51	n.a.	S 25
S 26	19 56 16	27°24'39	15°37	16°43	12°34	26°53	25° 4	15°15	6°20	0°58	26°32	16°37	18° 3	21°58	n.a.	S 26
M27	20 0 12	28°22'39	27°39	18°39	13°25	26°46	25°14	15°23	6°17	0°59	26°32	16°28	17°59	22° 5	n.a.	M27
T 28	20 4 9	29°20'41	9♌33	20°36	14°14	26°37	25°23	15°30	6°15	1° 0	26°33	16°21	17°56	22°11	n.a.	T 28
W29	20 8 6	0♌18'44	21°23	22°34	15° 3	26°29	25°32	15°37	6°12	1° 2	26°33	16°16	17°53	22°18	n.a.	W29
T 30	20 12 2	1°16'49	3♍10	24°32	15°51	26°19	25°41	15°44	6°10	1° 3	26°33	16°13	17°50	22°25	n.a.	T 30
F 31	20 15 59	2♌14'56	14♍57	26♋30	16♍39	26♒ 9	25♉50	15♌52	6♒ 8	1♎ 4	26♈33	16°D12	17♍47	22♌31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n41	14n22	2s57	19n21	4s 5	15n59	0n40	17s55	5s 1	17n27	0s42	18n51	1n38	19s24	0s43	1n31	1n56	2s40	13s55	4n39	4n16	12n47			n.a.
T 2	23 40	11 34	2 2	19 31	3 55	15 35	0 35	17 54	5 4	17 30	0 42	18 49	1 38	19 24	0 43	1 31	1 56	2 40	13 55	4 41	4 17	12 46			n.a.
F 3	23 38	8 18	1 3	19 43	3 43	15 10	0 30	17 52	5 8	17 33	0 42	18 47	1 38	19 25	0 43	1 31	1 56	2 40	13 55	4 42	4 18	12 45			n.a.
S 4	23 35	4 43	0 0	19 56	3 30	14 46	0 25	17 52	5 11	17 36	0 42	18 45	1 38	19 25	0 43	1 30	1 55	2 40	13 56	4 42	4 19	12 43			n.a.
S 5	23 32	0 53	1n 3	20 10	3 16	14 21	0 20	17 51	5 14	17 39	0 42	18 43	1 38	19 26	0 43	1 30	1 55	2 40	13 56	4 42	4 21	12 42			n.a.
M 6	23 29	3s 2	2 5	20 25	3 2	13 56	0 14	17 50	5 17	17 42	0 42	18 42	1 38	19 26	0 44	1 30	1 55	2 40	13 56	4 42	4 22	12 41			n.a.
T 7	23 25	6 55	3 2	20 41	2 47	13 31	0 9	17 50	5 21	17 45	0 42	18 40	1 38	19 27	0 44	1 29	1 55	2 40	13 56	4 42	4 23	12 39			n.a.
W 8	23 21	10 37	3 52	20 58	2 32	13 5	0 4	17 50	5 24	17 48	0 42	18 38	1 38	19 27	0 44	1 29	1 55	2 40	13 57	4 43	4 24	12 38			n.a.
T 9	23 16	13 53	4 31	21 16	2 16	12 39	0s 2	17 50	5 27	17 51	0 42	18 36	1 38	19 28	0 44	1 29	1 55	2 40	13 57	4 45	4 26	12 37			n.a.
F 10	23 11	16 31	4 56	21 33	2 1	12 14	0 8	17 51	5 30	17 54	0 42	18 34	1 38	19 28	0 44	1 28	1 55	2 40	13 57	4 48	4 27	12 35			n.a.
S 11	23 6	18 14	5 4	21 51	1 45	11 47	0 14	17 52	5 33	17 57	0 42	18 32	1 38	19 29	0 44	1 28	1 55	2 40	13 57	4 52	4 28	12 34			n.a.
S 12	23 0	18 49	4 52	22 9	1 29	11 21	0 20	17 53	5 36	18 0	0 42	18 30	1 38	19 29	0 44	1 28	1 55	2 41	13 58	4 56	4 29	12 32			n.a.
M13	22 53	18 7	4 20	22 27	1 14	10 55	0 26	17 54	5 39	18 2	0 42	18 28	1 38	19 30	0 44	1 27	1 55	2 41	13 58	4 59	4 31	12 31			n.a.
T 14	22 47	16 8	3 31	22 44	0 58	10 29	0 32	17 55	5 42	18 5	0 42	18 26	1 37	19 31	0 44	1 27	1 55	2 41	13 58	5 2	4 32	12 30			n.a.
W15	22 40	13 4	2 26	23 0	0 43	10 2	0 39	17 57	5 45	18 8	0 42	18 24	1 37	19 31	0 44	1 27	1 55	2 41	13 58	5 4	4 33	12 28			n.a.
T 16	22 32	9 11	1 12	23 15	0 29	9 35	0 45	17 59	5 48	18 10	0 42	18 22	1 37	19 32	0 44	1 26	1 55	2 41	13 59	5 6	4 34	12 27			n.a.
F 17	22 24	4 49	0s 5	23 29	0 15	9 9	0 52	18 1	5 51	18 13	0 42	18 20	1 37	19 32	0 44	1 26	1 55	2 41	13 59	5 6	4 36	12 26			n.a.
S 18	22 16	0 16	1 20	23 41	0 1	8 42	0 59	18 4	5 54	18 16	0 42	18 18	1 37	19 33	0 44	1 25	1 55	2 41	13 59	5 6	4 37	12 24			n.a.
S 19	22 7	4n11	2 29	23 52	0n12	8 15	1 6	18 6	5 56	18 18	0 42	18 15	1 37	19 34	0 44	1 25	1 55	2 41	13 59	5 5	4 38	12 23			n.a.
M20	21 58	8 18	3 28	24 0	0 24	7 48	1 13	18 9	5 59	18 21	0 42	18 13	1 37	19 34	0 44	1 24	1 55	2 42	14 0	5 5	4 40	12 21			n.a.
T 21	21 49	11 54	4 14	24 6	0 35	7 21	1 20	18 12	6 1	18 23	0 42	18 11	1 37	19 35	0 44	1 24	1 54	2 42	14 0	5 6	4 41	12 20			n.a.
W22	21 39	14 51	4 46	24 10	0 46	6 54	1 27	18 16	6 4	18 26	0 42	18 9	1 37	19 35	0 44	1 23	1 54	2 42	14 0	5 8	4 42	12 19			n.a.
T 23	21 29	17 1	5 3	24 12	0 56	6 27	1 35	18 19	6 6	18 28	0 42	18 7	1 37	19 36	0 44	1 23	1 54	2 42	14 0	5 10	4 43	12 17			n.a.
F 24	21 18	18 21	5 6	24 10	1 5	6 1	1 42	18 23	6 8	18 31	0 42	18 5	1 37	19 36	0 44	1 22	1 54	2 42	14 1	5 14	4 45	12 16			n.a.
S 25	21 7	18 48	4 54	24 7	1 13	5 34	1 50	18 27	6 10	18 33	0 42	18 3	1 37	19 37	0 44	1 22	1 54	2 42	14 1	5 17	4 46	12 14			n.a.
S 26	20 56	18 22	4 29	24 0	1 20	5 7	1 57	18 31	6 12	18 35	0 42	18 1	1 38	19 38	0 44	1 21	1 54	2 43	14 1	5 21	4 47	12 13			n.a.
M27	20 44	17 6	3 52	23 51	1 26	4 40	2 5	18 35	6 14	18 38	0 42	17 58	1 38	19 38	0 44	1 21	1 54	2 43	14 1	5 24	4 48	12 12			n.a.
T 28	20 32	15 7	3 5	23 39	1 32	4 14	2 13	18 40	6 16	18 40	0 42	17 56	1 38	19 39	0 44	1 20	1 54	2 43	14 2	5 27	4 50	12 10			n.a.
W29	20 20	12 30	2 10	23 24	1 36	3 47	2 21	18 44	6 17	18 42	0 42	17 54	1 38	19 40	0 44	1 20	1 54	2 43	14 2	5 29	4 51	12 9			n.a.
T 30	20 7	9 23	1 10	23 7	1 40	3 21	2 30	18 49	6 19	18 44	0 42	17 52	1 38	19 40	0 44	1 19	1 54	2 43	14 2	5 30	4 52	12 7			n.a.
F 31	19n54	5n54	0s 7	22n48	1n43	2n55	2s38	18s54	6s20	18n46	0s42	17n50	1n38	19s41	0s44	1n18	1n54	2s44	14s 3	5n31	4n53	12n 6			n.a.

Julian Day Number = 1594132.5, Delta T = 04h03m18s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°53'02, Lahiri = - 8°46'02 Julian Calendar 1 July 349 BCE == Greg. Calendar 26 June 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

AUGUST 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 19 55	3♌13'04	26♍47	28♋28	17♍25	25°R58	25♉59	15♌59	6°R 5	1♎ 6	26°R33	16♍12	17♍43	22♌38	n.a.	S 1
S 2	20 23 52	4°11'14	8♎45	0♌26	18°11	25♒46	26° 8	16° 6	6♒ 3	1° 7	26♈33	16°14	17°40	22°45	n.a.	S 2
M 3	20 27 48	5° 9'25	20°56	2°23	18°56	25°33	26°17	16°14	6° 1	1° 8	26°33	16°15	17°37	22°51	n.a.	M 3
T 4	20 31 45	6° 7'38	3♏23	4°19	19°40	25°20	26°25	16°21	5°58	1°10	26°33	16°R16	17°34	22°58	n.a.	T 4
W 5	20 35 41	7° 5'53	16°12	6°15	20°23	25° 7	26°33	16°28	5°56	1°11	26°33	16°16	17°31	23° 5	n.a.	W 5
T 6	20 39 38	8° 4'09	29°27	8°10	21° 5	24°53	26°42	16°36	5°53	1°13	26°32	16°14	17°28	23°11	n.a.	T 6
F 7	20 43 35	9° 2'27	13♐11	10° 3	21°46	24°38	26°50	16°43	5°51	1°14	26°32	16°10	17°24	23°18	n.a.	F 7
S 8	20 47 31	10° 0'47	27°23	11°56	22°26	24°23	26°58	16°50	5°49	1°16	26°32	16° 5	17°21	23°25	n.a.	S 8
S 9	20 51 28	10°59'08	12♑ 1	13°48	23° 5	24° 7	27° 5	16°58	5°46	1°17	26°32	16° 0	17°18	23°31	n.a.	S 9
M10	20 55 24	11°57'32	27° 0	15°39	23°43	23°51	27°13	17° 5	5°44	1°19	26°32	15°55	17°15	23°38	n.a.	M10
T 11	20 59 21	12°55'57	12♒12	17°28	24°19	23°35	27°21	17°13	5°41	1°21	26°32	15°51	17°12	23°45	n.a.	T 11
W12	21 3 17	13°54'24	27°26	19°17	24°54	23°18	27°28	17°20	5°39	1°22	26°31	15°49	17° 8	23°51	n.a.	W12
T 13	21 7 14	14°52'53	12♓32	21° 4	25°28	23° 1	27°35	17°28	5°37	1°24	26°31	15°D48	17° 5	23°58	n.a.	T 13
F 14	21 11 10	15°51'24	27°22	22°51	26° 1	22°44	27°42	17°35	5°34	1°26	26°31	15°48	17° 2	24° 5	n.a.	F 14
S 15	21 15 7	16°49'57	11♈50	24°36	26°32	22°27	27°49	17°42	5°32	1°27	26°31	15°49	16°59	24°11	n.a.	S 15
S 16	21 19 4	17°48'33	25°54	26°20	27° 2	22° 9	27°56	17°50	5°30	1°29	26°30	15°51	16°56	24°18	n.a.	S 16
M17	21 23 0	18°47'11	9♉32	28° 4	27°30	21°52	28° 3	17°57	5°27	1°31	26°30	15°52	16°53	24°24	n.a.	M17
T 18	21 26 57	19°45'51	22°46	29°46	27°57	21°34	28° 9	18° 5	5°25	1°33	26°30	15°R52	16°49	24°31	n.a.	T 18
W19	21 30 53	20°44'34	5♊39	1♍27	28°22	21°16	28°16	18°12	5°23	1°34	26°29	15°51	16°46	24°38	n.a.	W19
T 20	21 34 50	21°43'19	18°13	3° 7	28°46	20°58	28°22	18°20	5°20	1°36	26°29	15°49	16°43	24°44	n.a.	T 20
F 21	21 38 46	22°42'07	0♋33	4°46	29° 8	20°41	28°28	18°27	5°18	1°38	26°29	15°46	16°40	24°51	n.a.	F 21
S 22	21 42 43	23°40'56	12°41	6°24	29°28	20°24	28°34	18°34	5°16	1°40	26°28	15°43	16°37	24°58	n.a.	S 22
S 23	21 46 39	24°39'49	24°41	8° 1	29°46	20° 6	28°40	18°42	5°14	1°42	26°28	15°39	16°34	25° 4	n.a.	S 23
M24	21 50 36	25°38'43	6♌34	9°38	0♎ 2	19°49	28°45	18°49	5°11	1°44	26°27	15°36	16°30	25°11	n.a.	M24
T 25	21 54 32	26°37'39	18°23	11°13	0°16	19°33	28°51	18°57	5° 9	1°45	26°27	15°33	16°27	25°18	n.a.	T 25
W26	21 58 29	27°36'38	0♍11	12°47	0°29	19°16	28°56	19° 4	5° 7	1°47	26°26	15°32	16°24	25°24	n.a.	W26
T 27	22 2 26	28°35'39	11°59	14°21	0°39	19° 0	29° 1	19°11	5° 5	1°49	26°26	15°D31	16°21	25°31	n.a.	T 27
F 28	22 6 22	29°34'41	23°50	15°53	0°47	18°45	29° 6	19°19	5° 3	1°51	26°25	15°31	16°18	25°38	n.a.	F 28
S 29	22 10 19	0♍33'46	5♎45	17°25	0°53	18°30	29°11	19°26	5° 1	1°53	26°25	15°32	16°14	25°44	n.a.	S 29
S 30	22 14 15	1°32'53	17°49	18°56	0°56	18°15	29°15	19°33	4°59	1°55	26°24	15°33	16°11	25°51	n.a.	S 30
M31	22 18 12	2♍32'02	0♏ 4	20♍26	0°R58	18♒ 1	29♉19	19♌41	4♒57	1♎57	26♈23	15♍34	16♍ 8	25♌58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n41	2n10	0n57	22n26	1n45	2n29	2s46	18s59	6s21	18n49	0s42	17n48	1n38	19s41	0s44	1n18	1n54	2s44	14s 3	5n30	4n55	12n 4		n.a.
S 2	19 27	1s41	2 0	22 3	1 47	2 3	2 55	19 4	6 22	18 51	0 42	17 45	1 38	19 42	0 44	1 17	1 54	2 44	14 3	5 30	4 56	12 3		n.a.
M 3	19 13	5 31	2 58	21 37	1 48	1 37	3 3	19 9	6 23	18 53	0 42	17 43	1 38	19 43	0 44	1 17	1 54	2 44	14 3	5 29	4 57	12 2		n.a.
T 4	18 58	9 13	3 49	21 9	1 48	1 12	3 12	19 14	6 24	18 55	0 42	17 41	1 38	19 43	0 44	1 16	1 54	2 45	14 4	5 29	4 58	12 0		n.a.
W 5	18 44	12 35	4 30	20 40	1 47	0 47	3 21	19 20	6 25	18 57	0 42	17 39	1 38	19 44	0 44	1 15	1 54	2 45	14 4	5 29	5 0	11 59		n.a.
T 6	18 28	15 25	4 59	20 9	1 46	0 22	3 30	19 25	6 25	18 58	0 42	17 37	1 38	19 44	0 44	1 15	1 54	2 45	14 4	5 30	5 1	11 57		n.a.
F 7	18 13	17 31	5 11	19 37	1 44	0s 2	3 39	19 30	6 25	19 0	0 42	17 34	1 38	19 45	0 44	1 14	1 54	2 46	14 4	5 31	5 2	11 56		n.a.
S 8	17 57	18 37	5 6	19 3	1 42	0 27	3 48	19 35	6 25	19 2	0 42	17 32	1 38	19 46	0 44	1 13	1 54	2 46	14 5	5 33	5 3	11 54		n.a.
S 9	17 41	18 32	4 41	18 29	1 40	0 51	3 57	19 41	6 25	19 4	0 42	17 30	1 38	19 46	0 44	1 13	1 54	2 46	14 5	5 35	5 5	11 53		n.a.
M10	17 25	17 10	3 56	17 53	1 36	1 14	4 6	19 46	6 25	19 6	0 42	17 28	1 38	19 47	0 44	1 12	1 53	2 46	14 5	5 37	5 6	11 52		n.a.
T 11	17 8	14 34	2 54	17 16	1 33	1 37	4 16	19 51	6 24	19 7	0 42	17 25	1 38	19 47	0 44	1 11	1 53	2 47	14 5	5 39	5 7	11 50		n.a.
W12	16 51	10 58	1 39	16 38	1 29	2 0	4 25	19 56	6 24	19 9	0 42	17 23	1 38	19 48	0 44	1 11	1 53	2 47	14 6	5 40	5 8	11 49		n.a.
T 13	16 34	6 40	0 18	15 59	1 25	2 22	4 34	20 1	6 23	19 11	0 42	17 21	1 38	19 49	0 44	1 10	1 53	2 47	14 6	5 40	5 10	11 47		n.a.
F 14	16 17	2 1	1s 3	15 20	1 20	2 44	4 44	20 6	6 22	19 12	0 42	17 19	1 38	19 49	0 44	1 9	1 53	2 48	14 6	5 40	5 11	11 46		n.a.
S 15	15 59	2n37	2 18	14 40	1 15	3 5	4 53	20 11	6 20	19 14	0 42	17 16	1 38	19 50	0 44	1 9	1 53	2 48	14 6	5 40	5 12	11 44		n.a.
S 16	15 41	6 59	3 23	13 59	1 10	3 26	5 3	20 15	6 19	19 15	0 42	17 14	1 38	19 50	0 44	1 8	1 53	2 48	14 7	5 39	5 13	11 43		n.a.
M17	15 23	10 50	4 14	13 18	1 5	3 46	5 13	20 20	6 17	19 17	0 42	17 12	1 38	19 51	0 44	1 7	1 53	2 49	14 7	5 38	5 15	11 41		n.a.
T 18	15 4	14 1	4 50	12 37	0 59	4 5	5 22	20 24	6 16	19 18	0 42	17 10	1 38	19 51	0 44	1 6	1 53	2 49	14 7	5 38	5 16	11 40		n.a.
W19	14 45	16 26	5 10	11 55	0 53	4 24	5 32	20 28	6 14	19 20	0 42	17 7	1 38	19 52	0 44	1 6	1 53	2 49	14 7	5 39	5 17	11 39		n.a.
T 20	14 26	17 59	5 14	11 13	0 47	4 43	5 41	20 32	6 12	19 21	0 42	17 5	1 39	19 53	0 44	1 5	1 53	2 50	14 8	5 39	5 18	11 37		n.a.
F 21	14 7	18 40	5 4	10 31	0 41	5 0	5 51	20 36	6 9	19 23	0 42	17 3	1 39	19 53	0 44	1 4	1 53	2 50	14 8	5 41	5 20	11 36		n.a.
S 22	13 47	18 28	4 41	9 48	0 34	5 17	6 0	20 39	6 7	19 24	0 42	17 0	1 39	19 54	0 44	1 3	1 53	2 51	14 8	5 42	5 21	11 34		n.a.
S 23	13 28	17 26	4 5	9 5	0 28	5 33	6 10	20 42	6 4	19 25	0 42	16 58	1 39	19 54	0 44	1 2	1 53	2 51	14 8	5 43	5 22	11 33		n.a.
M24	13 8	15 39	3 19	8 22	0 21	5 48	6 19	20 45	6 1	19 26	0 42	16 56	1 39	19 55	0 44	1 2	1 53	2 51	14 9	5 45	5 23	11 31		n.a.
T 25	12 48	13 13	2 24	7 40	0 14	6 2	6 28	20 48	5 58	19 28	0 42	16 54	1 39	19 55	0 44	1 1	1 53	2 52	14 9	5 46	5 25	11 30		n.a.
W26	12 27	10 14	1 24	6 57	0 7	6 15	6 37	20 50	5 55	19 29	0 42	16 51	1 39	19 56	0 44	1 0	1 53	2 52	14 9	5 46	5 26	11 28		n.a.
T 27	12 6	6 51	0 20	6 14	0s 0	6 27	6 46	20 52	5 52	19 30	0 42	16 49	1 39	19 56	0 44	0 59	1 53	2 52	14 9	5 47	5 27	11 27		n.a.
F 28	11 46	3 11	0n46	5 31	0 7	6 39	6 55	20 54	5 49	19 31	0 42	16 47	1 39	19 57	0 44	0 58	1 53	2 53	14 9	5 47	5 28	11 25		n.a.
S 29	11 25	0s38	1 50	4 48	0 15	6 49	7 4	20 55	5 45	19 32	0 43	16 45	1 39	19 57	0 44	0 58	1 53	2 53	14 10	5 46	5 30	11 24		n.a.
S 30	11 3	4 28	2 50	4 6	0 22	6 58	7 12	20 57	5 42	19 33	0 43	16 42	1 39	19 58	0 44	0 57	1 53	2 54	14 10	5 46	5 31	11 22		n.a.
M31	10n42	8s10	3n43	3n24	0s29	7s 6	7s20	20s58	5s38	19n34	0s43	16n40	1n39	19s58	0s44	0n56	1n53	2s54	14s10	5n45	5n32	11n21		n.a.

Julian Day Number = 1594163.5, Delta T = 04h03m17s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'58, Lahiri = - 8°45'58 Julian Calendar 1 Aug. 349 BCE == Greg. Calendar 27 July 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

SEPTEMBER 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 8	3♍31'12	12♏34	21♍55	0°R57	17°R48	29♉24	19♌48	4°R55	1♎59	26°R23	15♍35	16♍ 5	26♌ 4	n.a.	T 1
W 2	22 26 5	4°30'25	25°22	23°23	0♎53	17♒35	29°28	19°55	4♒53	2° 1	26♈22	15°36	16° 2	26°11	n.a.	W 2
T 3	22 30 1	5°29'39	8♐32	24°50	0°47	17°23	29°31	20° 3	4°51	2° 3	26°22	15°R36	15°59	26°18	n.a.	T 3
F 4	22 33 58	6°28'56	22° 6	26°16	0°39	17°12	29°35	20°10	4°49	2° 5	26°21	15°36	15°55	26°24	n.a.	F 4
S 5	22 37 55	7°28'14	6♑ 6	27°42	0°28	17° 1	29°39	20°17	4°47	2° 7	26°20	15°35	15°52	26°31	n.a.	S 5
S 6	22 41 51	8°27'34	20°31	29° 6	0°15	16°51	29°42	20°24	4°45	2°10	26°19	15°34	15°49	26°38	n.a.	S 6
M 7	22 45 48	9°26'56	5♒18	0♎29	29♍59	16°41	29°45	20°31	4°43	2°12	26°19	15°34	15°46	26°44	n.a.	M 7
T 8	22 49 44	10°26'20	20°21	1°52	29°42	16°33	29°48	20°39	4°41	2°14	26°18	15°33	15°43	26°51	n.a.	T 8
W 9	22 53 41	11°25'46	5♓32	3°13	29°22	16°25	29°51	20°46	4°39	2°16	26°17	15°33	15°40	26°58	n.a.	W 9
T 10	22 57 37	12°25'14	20°42	4°33	29° 0	16°18	29°53	20°53	4°38	2°18	26°17	15°D33	15°36	27° 4	n.a.	T 10
F 11	23 1 34	13°24'44	5♈40	5°52	28°35	16°11	29°55	21° 0	4°36	2°20	26°16	15°33	15°33	27°11	n.a.	F 11
S 12	23 5 30	14°24'17	20°20	7°10	28° 9	16° 6	29°58	21° 7	4°34	2°22	26°15	15°33	15°30	27°17	n.a.	S 12
S 13	23 9 27	15°23'52	4♉36	8°26	27°41	16° 1	29°59	21°14	4°33	2°24	26°14	15°R33	15°27	27°24	n.a.	S 13
M14	23 13 23	16°23'29	18°24	9°41	27°11	15°57	0♊ 1	21°21	4°31	2°27	26°13	15°33	15°24	27°31	n.a.	M14
T 15	23 17 20	17°23'08	1♊46	10°55	26°39	15°54	0° 3	21°28	4°29	2°29	26°12	15°33	15°20	27°37	n.a.	T 15
W16	23 21 17	18°22'50	14°42	12° 7	26° 6	15°51	0° 4	21°35	4°28	2°31	26°12	15°D33	15°17	27°44	n.a.	W16
T 17	23 25 13	19°22'35	27°17	13°17	25°32	15°50	0° 6	21°42	4°26	2°33	26°11	15°33	15°14	27°51	n.a.	T 17
F 18	23 29 10	20°22'22	9♋34	14°25	24°57	15°49	0° 7	21°49	4°25	2°35	26°10	15°33	15°11	27°57	n.a.	F 18
S 19	23 33 6	21°22'11	21°37	15°31	24°21	15°D49	0° 7	21°55	4°24	2°38	26° 9	15°34	15° 8	28° 4	n.a.	S 19
S 20	23 37 3	22°22'02	3♌31	16°35	23°45	15°49	0° 8	22° 2	4°22	2°40	26° 8	15°34	15° 5	28°11	n.a.	S 20
M21	23 40 59	23°21'56	15°20	17°36	23° 9	15°51	0° 8	22° 9	4°21	2°42	26° 7	15°35	15° 1	28°17	n.a.	M21
T 22	23 44 56	24°21'52	27° 7	18°35	22°32	15°53	0°R 8	22°16	4°20	2°44	26° 6	15°36	14°58	28°24	n.a.	T 22
W23	23 48 52	25°21'50	8♍56	19°30	21°56	15°56	0° 8	22°22	4°18	2°47	26° 5	15°36	14°55	28°31	n.a.	W23
T 24	23 52 49	26°21'50	20°48	20°22	21°21	16° 0	0° 8	22°29	4°17	2°49	26° 4	15°R36	14°52	28°37	n.a.	T 24
F 25	23 56 45	27°21'52	2♎47	21°10	20°46	16° 5	0° 8	22°35	4°16	2°51	26° 3	15°36	14°49	28°44	n.a.	F 25
S 26	0 0 42	28°21'56	14°54	21°54	20°12	16°10	0° 7	22°42	4°15	2°53	26° 2	15°35	14°45	28°51	n.a.	S 26
S 27	0 4 39	29°22'02	27°10	22°34	19°39	16°16	0° 6	22°48	4°14	2°55	26° 1	15°33	14°42	28°57	n.a.	S 27
M28	0 8 35	0♎22'10	9♏38	23° 8	19° 7	16°23	0° 5	22°55	4°13	2°58	26° 0	15°31	14°39	29° 4	n.a.	M28
T 29	0 12 32	1°22'19	22°18	23°36	18°37	16°31	0° 4	23° 1	4°12	3° 0	25°59	15°28	14°36	29°11	n.a.	T 29
W30	0 16 28	2♎22'31	5♐14	23♎58	18♍ 9	16♒39	0♊ 3	23♌ 8	4♒11	3♎ 2	25♈58	15♍26	14♍33	29♌17	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n20	11s34	4n27	2n41	0s36	7s13	7s28	20s58	5s34	19n35	0s43	16n38	1n40	19s59	0s44	0n55	1n53	2s54	14s10	5n45	5n33	11n19		n.a.
W 2	9 59	14 31	4 58	1 59	0 44	7 18	7 35	20 59	5 30	19 35	0 43	16 36	1 40	19 59	0 44	0 54	1 53	2 55	14 11	5 45	5 35	11 18		n.a.
T 3	9 37	16 48	5 15	1 18	0 51	7 22	7 43	20 59	5 26	19 36	0 43	16 33	1 40	20 0	0 44	0 53	1 53	2 55	14 11	5 45	5 36	11 16		n.a.
F 4	9 15	18 15	5 16	0 36	0 59	7 25	7 49	20 58	5 22	19 37	0 43	16 31	1 40	20 0	0 44	0 53	1 53	2 56	14 11	5 45	5 37	11 15		n.a.
S 5	8 52	18 38	4 58	0s 5	1 6	7 26	7 55	20 58	5 18	19 38	0 43	16 29	1 40	20 1	0 44	0 52	1 53	2 56	14 11	5 45	5 38	11 14		n.a.
S 6	8 30	17 51	4 21	0 45	1 13	7 26	8 1	20 57	5 13	19 38	0 43	16 27	1 40	20 1	0 44	0 51	1 53	2 57	14 11	5 45	5 40	11 12		n.a.
M 7	8 7	15 51	3 26	1 25	1 20	7 25	8 6	20 56	5 9	19 39	0 43	16 24	1 40	20 2	0 44	0 50	1 53	2 57	14 12	5 46	5 41	11 11		n.a.
T 8	7 45	12 44	2 16	2 5	1 28	7 22	8 11	20 54	5 5	19 40	0 43	16 22	1 40	20 2	0 44	0 49	1 53	2 57	14 12	5 46	5 42	11 9		n.a.
W 9	7 22	8 44	0 55	2 44	1 35	7 17	8 15	20 52	5 0	19 40	0 43	16 20	1 40	20 2	0 44	0 48	1 53	2 58	14 12	5 46	5 43	11 8		n.a.
T 10	6 59	4 10	0s29	3 23	1 42	7 11	8 18	20 50	4 56	19 41	0 43	16 18	1 41	20 3	0 44	0 47	1 53	2 58	14 12	5 46	5 45	11 6		n.a.
F 11	6 36	0n36	1 50	4 1	1 49	7 4	8 20	20 48	4 51	19 41	0 43	16 16	1 41	20 3	0 44	0 47	1 52	2 59	14 12	5 46	5 46	11 5		n.a.
S 12	6 13	5 14	3 2	4 38	1 55	6 55	8 22	20 46	4 47	19 42	0 43	16 13	1 41	20 4	0 44	0 46	1 52	2 59	14 12	5 46	5 47	11 3		n.a.
S 13	5 49	9 26	4 1	5 15	2 2	6 44	8 23	20 43	4 42	19 42	0 43	16 11	1 41	20 4	0 43	0 45	1 52	3 0	14 13	5 46	5 48	11 2		n.a.
M14	5 26	12 59	4 43	5 51	2 8	6 32	8 23	20 40	4 38	19 43	0 43	16 9	1 41	20 4	0 43	0 44	1 52	3 0	14 13	5 46	5 50	11 0		n.a.
T 15	5 3	15 43	5 9	6 26	2 14	6 19	8 22	20 36	4 33	19 43	0 43	16 7	1 41	20 5	0 43	0 43	1 52	3 1	14 13	5 46	5 51	10 58		n.a.
W16	4 39	17 35	5 18	7 0	2 20	6 4	8 20	20 33	4 29	19 43	0 43	16 5	1 41	20 5	0 43	0 42	1 52	3 1	14 13	5 46	5 52	10 57		n.a.
T 17	4 15	18 31	5 12	7 33	2 26	5 48	8 18	20 29	4 24	19 43	0 43	16 3	1 41	20 5	0 43	0 41	1 52	3 1	14 13	5 46	5 53	10 55		n.a.
F 18	3 52	18 33	4 51	8 5	2 32	5 31	8 14	20 25	4 19	19 44	0 43	16 1	1 42	20 6	0 43	0 40	1 52	3 2	14 13	5 46	5 55	10 54		n.a.
S 19	3 28	17 44	4 17	8 35	2 37	5 12	8 10	20 20	4 15	19 44	0 43	15 58	1 42	20 6	0 43	0 39	1 52	3 2	14 14	5 46	5 56	10 52		n.a.
S 20	3 4	16 9	3 33	9 5	2 42	4 53	8 4	20 16	4 10	19 44	0 43	15 56	1 42	20 6	0 43	0 39	1 52	3 3	14 14	5 45	5 57	10 51		n.a.
M21	2 40	13 53	2 41	9 33	2 46	4 33	7 58	20 11	4 6	19 44	0 43	15 54	1 42	20 7	0 43	0 38	1 52	3 3	14 14	5 45	5 58	10 49		n.a.
T 22	2 16	11 3	1 41	9 59	2 50	4 12	7 51	20 6	4 1	19 44	0 43	15 52	1 42	20 7	0 43	0 37	1 52	3 4	14 14	5 45	5 59	10 48		n.a.
W23	1 52	7 45	0 37	10 24	2 54	3 50	7 42	20 1	3 57	19 44	0 43	15 50	1 42	20 7	0 43	0 36	1 52	3 4	14 14	5 45	6 1	10 46		n.a.
T 24	1 28	4 8	0n29	10 46	2 57	3 28	7 34	19 55	3 52	19 44	0 43	15 48	1 42	20 7	0 43	0 35	1 52	3 5	14 14	5 45	6 2	10 45		n.a.
F 25	1 4	0 19	1 34	11 7	2 59	3 5	7 24	19 49	3 48	19 44	0 43	15 46	1 43	20 8	0 43	0 34	1 52	3 5	14 14	5 45	6 3	10 43		n.a.
S 26	0 39	3s33	2 35	11 26	3 1	2 42	7 13	19 44	3 43	19 44	0 43	15 44	1 43	20 8	0 43	0 33	1 52	3 5	14 14	5 45	6 4	10 42		n.a.
S 27	0 15	7 19	3 31	11 41	3 2	2 19	7 2	19 38	3 39	19 44	0 43	15 42	1 43	20 8	0 43	0 32	1 52	3 6	14 15	5 46	6 6	10 40		n.a.
M28	0s 9	10 49	4 17	11 54	3 2	1 56	6 51	19 31	3 34	19 43	0 43	15 40	1 43	20 8	0 43	0 31	1 52	3 6	14 15	5 47	6 7	10 39		n.a.
T 29	0 33	13 53	4 51	12 4	3 1	1 33	6 38	19 25	3 30	19 43	0 43	15 38	1 43	20 9	0 43	0 30	1 52	3 7	14 15	5 48	6 8	10 37		n.a.
W30	0s57	16s20	5n11	12s11	2s59	1s10	6s26	19s18	3s26	19n43	0s43	15n36	1n43	20s 9	0s43	0n30	1n52	3s 7	14s15	5n48	6n 9	10n36		n.a.

Julian Day Number = 1594194.5, Delta T = 04h03m15s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'54, Lahiri = - 8°45'53 Julian Calendar 1 Sept. 349 BCE == Greg. Calendar 27 Aug. 349 BCE

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

OCTOBER 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 20 25	3♎22'44	18♐25	24♎14	17°R43	16♒48	0°R 1	23♌14	4°R10	3♎ 4	25°R57	15°R25	14♍30	29♌24	n.a.	T 1
F 2	0 24 21	4°22'59	1♑55	24°R21	17♍18	16°58	29♉59	23°20	4♒ 9	3° 7	25♈56	15°D24	14°26	29°30	n.a.	F 2
S 3	0 28 18	5°23'15	15°44	24°21	16°56	17° 9	29°57	23°26	4° 8	3° 9	25°55	15♍25	14°23	29°37	n.a.	S 3
S 4	0 32 14	6°23'33	29°52	24°11	16°36	17°20	29°55	23°32	4° 7	3°11	25°54	15°26	14°20	29°44	n.a.	S 4
M 5	0 36 11	7°23'53	14♒18	23°52	16°19	17°31	29°53	23°38	4° 7	3°13	25°53	15°27	14°17	29°50	n.a.	M 5
T 6	0 40 8	8°24'14	28°59	23°24	16° 3	17°44	29°50	23°44	4° 6	3°16	25°52	15°28	14°14	29°57	n.a.	T 6
W 7	0 44 4	9°24'36	13♓51	22°45	15°50	17°57	29°47	23°50	4° 6	3°18	25°51	15°R29	14°11	0♍ 4	n.a.	W 7
T 8	0 48 1	10°25'00	28°46	21°57	15°40	18°11	29°44	23°56	4° 5	3°20	25°50	15°28	14° 7	0°10	n.a.	T 8
F 9	0 51 57	11°25'26	13♈37	21° 0	15°32	18°25	29°41	24° 2	4° 4	3°22	25°49	15°27	14° 4	0°17	n.a.	F 9
S 10	0 55 54	12°25'54	28°15	19°54	15°27	18°40	29°37	24° 8	4° 4	3°25	25°48	15°23	14° 1	0°24	n.a.	S 10
S 11	0 59 50	13°26'23	12♉34	18°42	15°24	18°55	29°34	24°14	4° 4	3°27	25°47	15°19	13°58	0°30	n.a.	S 11
M12	1 3 47	14°26'54	26°30	17°24	15°D23	19°11	29°30	24°19	4° 3	3°29	25°45	15°15	13°55	0°37	n.a.	M12
T 13	1 7 43	15°27'28	9♊58	16° 4	15°25	19°28	29°26	24°25	4° 3	3°31	25°44	15°10	13°51	0°44	n.a.	T 13
W14	1 11 40	16°28'03	23° 1	14°44	15°29	19°45	29°22	24°30	4° 3	3°34	25°43	15° 7	13°48	0°50	n.a.	W14
T 15	1 15 37	17°28'40	5♋40	13°26	15°36	20° 2	29°18	24°36	4° 2	3°36	25°42	15° 5	13°45	0°57	n.a.	T 15
F 16	1 19 33	18°29'19	17°59	12°13	15°45	20°20	29°13	24°41	4° 2	3°38	25°41	15°D 4	13°42	1° 4	n.a.	F 16
S 17	1 23 30	19°30'00	0♌ 2	11° 8	15°56	20°39	29° 9	24°46	4° 2	3°40	25°40	15° 5	13°39	1°10	n.a.	S 17
S 18	1 27 26	20°30'42	11°55	10°12	16°10	20°58	29° 4	24°52	4° 2	3°42	25°39	15° 6	13°36	1°17	n.a.	S 18
M19	1 31 23	21°31'26	23°43	9°26	16°25	21°18	28°59	24°57	4°D 2	3°44	25°38	15° 8	13°32	1°24	n.a.	M19
T 20	1 35 19	22°32'12	5♍30	8°52	16°43	21°38	28°54	25° 2	4° 2	3°47	25°36	15° 9	13°29	1°30	n.a.	T 20
W21	1 39 16	23°33'00	17°21	8°29	17° 3	21°58	28°48	25° 7	4° 2	3°49	25°35	15°R10	13°26	1°37	n.a.	W21
T 22	1 43 12	24°33'49	29°19	8°D18	17°24	22°19	28°43	25°12	4° 2	3°51	25°34	15° 9	13°23	1°43	n.a.	T 22
F 23	1 47 9	25°34'40	11♎28	8°18	17°48	22°40	28°37	25°17	4° 3	3°53	25°33	15° 5	13°20	1°50	n.a.	F 23
S 24	1 51 5	26°35'32	23°49	8°29	18°13	23° 2	28°31	25°22	4° 3	3°55	25°32	15° 0	13°16	1°57	n.a.	S 24
S 25	1 55 2	27°36'25	6♏23	8°50	18°40	23°24	28°25	25°26	4° 3	3°57	25°31	14°53	13°13	2° 3	n.a.	S 25
M26	1 58 59	28°37'20	19°11	9°19	19° 8	23°47	28°19	25°31	4° 4	3°59	25°30	14°45	13°10	2°10	n.a.	M26
T 27	2 2 55	29°38'16	2♐12	9°57	19°39	24°10	28°13	25°35	4° 4	4° 1	25°29	14°37	13° 7	2°17	n.a.	T 27
W28	2 6 52	0♏39'13	15°25	10°41	20°11	24°34	28° 6	25°40	4° 4	4° 3	25°27	14°29	13° 4	2°23	n.a.	W28
T 29	2 10 48	1°40'11	28°50	11°32	20°44	24°57	28° 0	25°44	4° 5	4° 6	25°26	14°23	13° 1	2°30	n.a.	T 29
F 30	2 14 45	2°41'10	12♑27	12°29	21°19	25°22	27°53	25°49	4° 6	4° 8	25°25	14°19	12°57	2°37	n.a.	F 30
S 31	2 18 41	3♏42'10	26♑14	13♎30	21♍55	25♒46	27♉46	25♌53	4♒ 6	4♎10	25♈24	14♍17	12♍54	2♍43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1s22	17s59	5n16	12s14	2s56	0s47	6s12	19s11	3s22	19n42	0s43	15n34	1n44	20s 9	0s43	0n29	1n52	3s 8	14s15	5n49	6n11	10n34			n.a.
F 2	1 46	18 40	5 3	12 13	2 52	0 25	5 59	19 4	3 17	19 42	0 43	15 32	1 44	20 9	0 43	0 28	1 52	3 8	14 15	5 49	6 12	10 32			n.a.
S 3	2 10	18 16	4 33	12 8	2 47	0 4	5 45	18 57	3 13	19 42	0 43	15 30	1 44	20 9	0 43	0 27	1 52	3 9	14 15	5 49	6 13	10 31			n.a.
S 4	2 34	16 45	3 46	11 57	2 40	0n17	5 31	18 50	3 9	19 41	0 43	15 28	1 44	20 9	0 43	0 26	1 52	3 9	14 15	5 49	6 14	10 29			n.a.
M 5	2 58	14 8	2 44	11 42	2 31	0 37	5 16	18 42	3 5	19 41	0 43	15 27	1 44	20 10	0 43	0 25	1 52	3 9	14 15	5 48	6 16	10 28			n.a.
T 6	3 22	10 34	1 30	11 22	2 20	0 56	5 2	18 34	3 1	19 40	0 43	15 25	1 44	20 10	0 43	0 24	1 52	3 10	14 15	5 48	6 17	10 26			n.a.
W 7	3 46	6 17	0 9	10 56	2 8	1 15	4 47	18 27	2 57	19 40	0 43	15 23	1 45	20 10	0 43	0 23	1 52	3 10	14 15	5 48	6 18	10 25			n.a.
T 8	4 10	1 36	1s13	10 25	1 54	1 32	4 33	18 19	2 53	19 39	0 43	15 21	1 45	20 10	0 43	0 22	1 52	3 11	14 15	5 48	6 19	10 23			n.a.
F 9	4 34	3n 9	2 29	9 48	1 38	1 49	4 18	18 10	2 49	19 38	0 43	15 19	1 45	20 10	0 43	0 22	1 52	3 11	14 15	5 48	6 21	10 22			n.a.
S 10	4 58	7 39	3 34	9 7	1 21	2 4	4 3	18 2	2 45	19 37	0 43	15 18	1 45	20 10	0 43	0 21	1 52	3 12	14 16	5 50	6 22	10 20			n.a.
S 11	5 22	11 37	4 24	8 22	1 2	2 19	3 49	17 54	2 42	19 37	0 43	15 16	1 45	20 10	0 43	0 20	1 52	3 12	14 16	5 51	6 23	10 19			n.a.
M12	5 46	14 48	4 57	7 34	0 42	2 32	3 35	17 45	2 38	19 36	0 43	15 14	1 46	20 10	0 43	0 19	1 52	3 12	14 16	5 53	6 24	10 17			n.a.
T 13	6 10	17 4	5 12	6 44	0 22	2 44	3 20	17 36	2 34	19 35	0 43	15 12	1 46	20 10	0 43	0 18	1 52	3 13	14 16	5 55	6 26	10 15			n.a.
W14	6 33	18 23	5 11	5 53	0 1	2 56	3 6	17 27	2 31	19 34	0 43	15 11	1 46	20 10	0 43	0 17	1 53	3 13	14 16	5 56	6 27	10 14			n.a.
T 15	6 57	18 43	4 54	5 4	0n19	3 6	2 53	17 18	2 27	19 33	0 43	15 9	1 46	20 10	0 43	0 16	1 53	3 14	14 16	5 57	6 28	10 12			n.a.
F 16	7 20	18 10	4 23	4 17	0 39	3 15	2 39	17 9	2 24	19 32	0 43	15 7	1 46	20 10	0 43	0 15	1 53	3 14	14 16	5 57	6 29	10 11			n.a.
S 17	7 43	16 47	3 42	3 34	0 58	3 23	2 26	17 0	2 20	19 31	0 42	15 6	1 47	20 10	0 43	0 15	1 53	3 15	14 16	5 57	6 30	10 9			n.a.
S 18	8 6	14 41	2 52	2 56	1 15	3 30	2 12	16 50	2 17	19 30	0 42	15 4	1 47	20 10	0 43	0 14	1 53	3 15	14 16	5 56	6 32	10 8			n.a.
M19	8 30	11 59	1 55	2 24	1 30	3 35	2 0	16 41	2 13	19 29	0 42	15 3	1 47	20 10	0 42	0 13	1 53	3 15	14 16	5 56	6 33	10 6			n.a.
T 20	8 52	8 48	0 53	1 58	1 44	3 40	1 47	16 31	2 10	19 28	0 42	15 1	1 47	20 10	0 42	0 12	1 53	3 16	14 16	5 55	6 34	10 4			n.a.
W21	9 15	5 14	0n12	1 38	1 55	3 44	1 35	16 21	2 7	19 27	0 42	15 0	1 47	20 10	0 42	0 11	1 53	3 16	14 16	5 55	6 35	10 3			n.a.
T 22	9 38	1 26	1 16	1 25	2 5	3 46	1 23	16 11	2 3	19 26	0 42	14 58	1 48	20 10	0 42	0 10	1 53	3 16	14 16	5 55	6 37	10 1			n.a.
F 23	10 0	2s28	2 18	1 18	2 13	3 48	1 11	16 1	2 0	19 25	0 42	14 57	1 48	20 10	0 42	0 9	1 53	3 17	14 16	5 57	6 38	10 0			n.a.
S 24	10 23	6 21	3 14	1 17	2 19	3 48	1 0	15 51	1 57	19 23	0 42	14 55	1 48	20 10	0 42	0 9	1 53	3 17	14 16	5 59	6 39	9 58			n.a.
S 25	10 45	10 0	4 2	1 21	2 23	3 48	0 49	15 41	1 54	19 22	0 42	14 54	1 48	20 10	0 42	0 8	1 53	3 18	14 16	6 1	6 40	9 56			n.a.
M26	11 7	13 16	4 38	1 30	2 26	3 46	0 38	15 30	1 51	19 21	0 42	14 52	1 49	20 10	0 42	0 7	1 53	3 18	14 15	6 5	6 42	9 55			n.a.
T 27	11 29	15 56	5 1	1 43	2 28	3 44	0 27	15 19	1 48	19 20	0 42	14 51	1 49	20 10	0 42	0 6	1 53	3 18	14 15	6 8	6 43	9 53			n.a.
W28	11 51	17 49	5 8	2 1	2 28	3 41	0 17	15 9	1 45	19 18	0 42	14 50	1 49	20 9	0 42	0 5	1 53	3 19	14 15	6 11	6 44	9 52			n.a.
T 29	12 12	18 45	4 59	2 22	2 27	3 37	0 7	14 58	1 42	19 17	0 42	14 48	1 49	20 9	0 42	0 5	1 53	3 19	14 15	6 13	6 45	9 50			n.a.
F 30	12 33	18 38	4 32	2 45	2 26	3 31	0n 2	14 47	1 39	19 15	0 42	14 47	1 49	20 9	0 42	0 4	1 53	3 19	14 15	6 15	6 47	9 48			n.a.
S 31	12s54	17s24	3n50	3s12	2n23	3n26	0n12	14s36	1s37	19n14	0s42	14n46	1n50	20s 9	0s42	0n 3	1n53	3s20	14s15	6n16	6n48	9n47			n.a.

Julian Day Number = 1594224.5, Delta T = 04h03m14s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'50, Lahiri = - 8°45'49 Julian Calendar 1 Oct. 349 BCE == Greg. Calendar 26 Sept. 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

NOVEMBER 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 38	4♏43'10	10♒13	14♎36	22♑32	26♒11	27°R39	25♌57	4♒ 7	4♎12	25°R23	14°D17	12♑51	2♑50	n.a.	S 1
M 2	2 26 35	5°44'12	24°21	15°45	23°11	26°36	27♉32	26° 1	4° 8	4°14	25♈22	14♑18	12°48	2°57	n.a.	M 2
T 3	2 30 31	6°45'14	8♓39	16°58	23°51	27° 2	27°25	26° 5	4° 8	4°16	25°21	14°R19	12°45	3° 3	n.a.	T 3
W 4	2 34 28	7°46'16	23° 5	18°13	24°32	27°28	27°18	26° 9	4° 9	4°18	25°20	14°19	12°42	3°10	n.a.	W 4
T 5	2 38 24	8°47'20	7♈34	19°30	25°15	27°54	27°11	26°13	4°10	4°19	25°18	14°16	12°38	3°17	n.a.	T 5
F 6	2 42 21	9°48'24	22° 1	20°50	25°58	28°21	27° 3	26°16	4°11	4°21	25°17	14°11	12°35	3°23	n.a.	F 6
S 7	2 46 17	10°49'29	6♉22	22°11	26°43	28°47	26°56	26°20	4°12	4°23	25°16	14° 4	12°32	3°30	n.a.	S 7
S 8	2 50 14	11°50'35	20°29	23°34	27°28	29°14	26°48	26°23	4°13	4°25	25°15	13°55	12°29	3°36	n.a.	S 8
M 9	2 54 10	12°51'42	4♊19	24°58	28°15	29°42	26°40	26°27	4°14	4°27	25°14	13°44	12°26	3°43	n.a.	M 9
T 10	2 58 7	13°52'49	17°46	26°23	29° 2	0♓ 9	26°33	26°30	4°15	4°29	25°13	13°34	12°22	3°50	n.a.	T 10
W11	3 2 4	14°53'58	0♋50	27°49	29°51	0°37	26°25	26°33	4°16	4°31	25°12	13°25	12°19	3°56	n.a.	W11
T 12	3 6 0	15°55'07	13°32	29°16	0♎40	1° 5	26°17	26°37	4°18	4°33	25°11	13°18	12°16	4° 3	n.a.	T 12
F 13	3 9 57	16°56'18	25°53	0♏43	1°30	1°34	26° 9	26°40	4°19	4°34	25°10	13°13	12°13	4°10	n.a.	F 13
S 14	3 13 53	17°57'29	7♌58	2°12	2°21	2° 3	26° 1	26°43	4°20	4°36	25° 9	13°10	12°10	4°16	n.a.	S 14
S 15	3 17 50	18°58'41	19°52	3°40	3°13	2°31	25°53	26°45	4°22	4°38	25° 8	13°D10	12° 7	4°23	n.a.	S 15
M16	3 21 46	19°59'54	1♍40	5°10	4° 6	3° 1	25°45	26°48	4°23	4°40	25° 7	13°10	12° 3	4°30	n.a.	M16
T 17	3 25 43	21° 1'08	13°27	6°39	4°59	3°30	25°37	26°51	4°24	4°41	25° 6	13°R11	12° 0	4°36	n.a.	T 17
W18	3 29 39	22° 2'22	25°20	8°10	5°53	3°59	25°29	26°53	4°26	4°43	25° 5	13°10	11°57	4°43	n.a.	W18
T 19	3 33 36	23° 3'37	7♎23	9°40	6°48	4°29	25°20	26°56	4°27	4°45	25° 4	13° 7	11°54	4°50	n.a.	T 19
F 20	3 37 33	24° 4'52	19°40	11°11	7°43	4°59	25°12	26°58	4°29	4°46	25° 3	13° 2	11°51	4°56	n.a.	F 20
S 21	3 41 29	25° 6'09	2♏13	12°42	8°39	5°30	25° 4	27° 0	4°31	4°48	25° 2	12°53	11°47	5° 3	n.a.	S 21
S 22	3 45 26	26° 7'25	15° 4	14°13	9°35	6° 0	24°56	27° 3	4°32	4°49	25° 1	12°42	11°44	5°10	n.a.	S 22
M23	3 49 22	27° 8'42	28°14	15°45	10°33	6°31	24°48	27° 5	4°34	4°51	25° 0	12°30	11°41	5°16	n.a.	M23
T 24	3 53 19	28° 9'59	11♐40	17°17	11°30	7° 1	24°40	27° 6	4°36	4°52	24°59	12°17	11°38	5°23	n.a.	T 24
W25	3 57 15	29°11'16	25°19	18°49	12°28	7°32	24°32	27° 8	4°38	4°54	24°58	12° 4	11°35	5°29	n.a.	W25
T 26	4 1 12	0♐12'34	9♑ 9	20°22	13°27	8° 4	24°23	27°10	4°40	4°55	24°57	11°54	11°32	5°36	n.a.	T 26
F 27	4 5 8	1°13'51	23° 5	21°54	14°26	8°35	24°15	27°12	4°42	4°57	24°56	11°47	11°28	5°43	n.a.	F 27
S 28	4 9 5	2°15'08	7♒ 6	23°27	15°26	9° 7	24° 7	27°13	4°44	4°58	24°55	11°42	11°25	5°49	n.a.	S 28
S 29	4 13 2	3°16'25	21° 9	25° 1	16°26	9°38	23°59	27°15	4°46	5° 0	24°55	11°40	11°22	5°56	n.a.	S 29
M30	4 16 58	4♐17'41	5♓13	26♏34	17♎26	10♓10	23♉51	27♌16	4♒48	5♎ 1	24♈54	11♑40	11♑19	6♑ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s15	15s 7	2n53	3s40	2n20	3n19	0n21	14s25	1s34	19n12	0s42	14n45	1n50	20s 9	0s42	0n 2	1n53	3s20	14s15	6n16	6n49	9n45		n.a.
M 2	13 36	11 55	1 45	4 11	2 16	3 11	0 30	14 13	1 31	19 11	0 41	14 44	1 50	20 9	0 42	0 1	1 53	3 20	14 15	6 15	6 50	9 44		n.a.
T 3	13 56	7 57	0 30	4 43	2 12	3 3	0 38	14 2	1 28	19 9	0 41	14 42	1 50	20 8	0 42	0 1	1 53	3 21	14 15	6 15	6 51	9 42		n.a.
W 4	14 16	3 30	0s47	5 16	2 7	2 54	0 46	13 51	1 26	19 8	0 41	14 41	1 51	20 8	0 42	0s 0	1 53	3 21	14 15	6 15	6 53	9 40		n.a.
T 5	14 36	1n11	2 2	5 51	2 2	2 44	0 54	13 39	1 23	19 6	0 41	14 40	1 51	20 8	0 42	0 1	1 53	3 21	14 15	6 16	6 54	9 39		n.a.
F 6	14 56	5 47	3 8	6 26	1 56	2 34	1 1	13 27	1 21	19 4	0 41	14 39	1 51	20 8	0 42	0 1	1 53	3 22	14 15	6 18	6 55	9 37		n.a.
S 7	15 15	10 0	4 2	7 2	1 50	2 22	1 9	13 15	1 18	19 3	0 41	14 38	1 51	20 7	0 42	0 2	1 53	3 22	14 15	6 21	6 56	9 36		n.a.
S 8	15 35	13 36	4 40	7 39	1 44	2 10	1 16	13 4	1 16	19 1	0 41	14 37	1 52	20 7	0 42	0 3	1 53	3 22	14 14	6 24	6 58	9 34		n.a.
M 9	15 53	16 21	5 1	8 16	1 38	1 58	1 23	12 52	1 13	18 59	0 41	14 36	1 52	20 7	0 42	0 4	1 53	3 22	14 14	6 28	6 59	9 32		n.a.
T 10	16 12	18 7	5 4	8 54	1 31	1 45	1 29	12 39	1 11	18 58	0 41	14 35	1 52	20 6	0 42	0 4	1 53	3 23	14 14	6 32	7 0	9 31		n.a.
W11	16 30	18 53	4 51	9 31	1 24	1 31	1 35	12 27	1 9	18 56	0 41	14 34	1 52	20 6	0 42	0 5	1 53	3 23	14 14	6 36	7 1	9 29		n.a.
T 12	16 48	18 40	4 24	10 9	1 17	1 17	1 41	12 15	1 6	18 54	0 40	14 34	1 53	20 6	0 42	0 6	1 53	3 23	14 14	6 39	7 2	9 27		n.a.
F 13	17 6	17 33	3 45	10 46	1 10	1 2	1 47	12 3	1 4	18 53	0 40	14 33	1 53	20 6	0 42	0 6	1 53	3 23	14 14	6 41	7 4	9 26		n.a.
S 14	17 24	15 40	2 57	11 24	1 3	0 46	1 53	11 50	1 2	18 51	0 40	14 32	1 53	20 5	0 42	0 7	1 54	3 24	14 14	6 41	7 5	9 24		n.a.
S 15	17 41	13 7	2 1	12 1	0 56	0 30	1 58	11 38	0 59	18 49	0 40	14 31	1 53	20 5	0 42	0 8	1 54	3 24	14 13	6 42	7 6	9 23		n.a.
M16	17 58	10 4	1 1	12 38	0 49	0 14	2 3	11 25	0 57	18 47	0 40	14 30	1 54	20 4	0 42	0 8	1 54	3 24	14 13	6 42	7 7	9 21		n.a.
T 17	18 14	6 36	0n 1	13 15	0 42	0s 3	2 8	11 12	0 55	18 45	0 40	14 30	1 54	20 4	0 42	0 9	1 54	3 24	14 13	6 41	7 9	9 19		n.a.
W18	18 30	2 51	1 4	13 51	0 35	0 21	2 12	10 59	0 53	18 44	0 40	14 29	1 54	20 4	0 42	0 10	1 54	3 24	14 13	6 42	7 10	9 18		n.a.
T 19	18 46	1s 3	2 5	14 27	0 28	0 39	2 17	10 46	0 51	18 42	0 40	14 29	1 54	20 3	0 41	0 10	1 54	3 25	14 13	6 43	7 11	9 16		n.a.
F 20	19 1	5 0	3 1	15 3	0 21	0 57	2 21	10 33	0 49	18 40	0 39	14 28	1 55	20 3	0 41	0 11	1 54	3 25	14 13	6 45	7 12	9 14		n.a.
S 21	19 17	8 48	3 50	15 38	0 14	1 16	2 24	10 20	0 47	18 38	0 39	14 27	1 55	20 2	0 41	0 11	1 54	3 25	14 12	6 48	7 14	9 13		n.a.
S 22	19 31	12 18	4 27	16 12	0 7	1 35	2 28	10 7	0 45	18 36	0 39	14 27	1 55	20 2	0 41	0 12	1 54	3 25	14 12	6 52	7 15	9 11		n.a.
M23	19 46	15 16	4 52	16 46	0s 0	1 54	2 32	9 54	0 43	18 34	0 39	14 26	1 55	20 1	0 41	0 13	1 54	3 25	14 12	6 57	7 16	9 10		n.a.
T 24	20 0	17 29	5 1	17 19	0 7	2 14	2 35	9 40	0 41	18 32	0 39	14 26	1 56	20 1	0 41	0 13	1 54	3 25	14 12	7 2	7 17	9 8		n.a.
W25	20 13	18 46	4 53	17 51	0 14	2 34	2 38	9 27	0 39	18 31	0 39	14 26	1 56	20 1	0 41	0 14	1 54	3 26	14 12	7 7	7 18	9 6		n.a.
T 26	20 27	18 57	4 28	18 23	0 21	2 54	2 41	9 14	0 37	18 29	0 38	14 25	1 56	20 0	0 41	0 14	1 54	3 26	14 12	7 11	7 20	9 5		n.a.
F 27	20 40	18 0	3 47	18 54	0 27	3 15	2 43	9 0	0 36	18 27	0 38	14 25	1 57	20 0	0 41	0 15	1 54	3 26	14 11	7 14	7 21	9 3		n.a.
S 28	20 52	15 57	2 52	19 25	0 34	3 36	2 46	8 46	0 34	18 25	0 38	14 25	1 57	19 59	0 41	0 15	1 54	3 26	14 11	7 16	7 22	9 1		n.a.
S 29	21 4	12 57	1 46	19 54	0 40	3 57	2 48	8 33	0 32	18 23	0 38	14 24	1 57	19 59	0 41	0 16	1 54	3 26	14 11	7 16	7 23	9 0		n.a.
M30	21s16	9s11	0n34	20s22	0s46	4s19	2n50	8s19	0s30	18n22	0s38	14n24	1n57	19s58	0s41	0s16	1n54	3s26	14s11	7n16	7n25	8n58		n.a.

Julian Day Number = 1594255.5, Delta T = 04h03m13s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'46, Lahiri = - 8°45'45 Julian Calendar 1 Nov. 349 BCE == Greg. Calendar 27 Oct. 349 BCE

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ASTRODIENST EPHEMERIS for the year 349 BCE
geocentric

DECEMBER 349 BCE (-348) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 20 55	5♐18'57	19♓17	28♏ 8	18♎27	10♓42	23°R44	27♌17	4♒50	5♎ 2	24°R53	11°R40	11♍16	6♍ 9	n.a.	T 1
W 2	4 24 51	6°20'13	3♈22	29°43	19°28	11°14	23♉36	27°18	4°52	5° 4	24♈52	11♍39	11°13	6°16	n.a.	W 2
T 3	4 28 48	7°21'28	17°25	1♐17	20°30	11°47	23°28	27°19	4°54	5° 5	24°51	11°35	11° 9	6°23	n.a.	T 3
F 4	4 32 44	8°22'42	1♉24	2°52	21°32	12°19	23°20	27°20	4°56	5° 6	24°50	11°29	11° 6	6°29	n.a.	F 4
S 5	4 36 41	9°23'57	15°18	4°27	22°35	12°52	23°13	27°21	4°58	5° 8	24°50	11°19	11° 3	6°36	n.a.	S 5
S 6	4 40 37	10°25'11	29° 1	6° 3	23°37	13°25	23° 5	27°21	5° 1	5° 9	24°49	11° 7	11° 0	6°43	n.a.	S 6
M 7	4 44 34	11°26'24	12♊32	7°39	24°41	13°58	22°58	27°22	5° 3	5°10	24°48	10°54	10°57	6°49	n.a.	M 7
T 8	4 48 31	12°27'38	25°46	9°16	25°44	14°31	22°51	27°22	5° 5	5°11	24°47	10°40	10°53	6°56	n.a.	T 8
W 9	4 52 27	13°28'51	8♋41	10°53	26°48	15° 4	22°44	27°23	5° 8	5°12	24°47	10°28	10°50	7° 3	n.a.	W 9
T 10	4 56 24	14°30'04	21°18	12°30	27°52	15°37	22°36	27°23	5°10	5°13	24°46	10°18	10°47	7° 9	n.a.	T 10
F 11	5 0 20	15°31'16	3♌37	14° 8	28°57	16°10	22°29	27°R23	5°13	5°14	24°45	10°10	10°44	7°16	n.a.	F 11
S 12	5 4 17	16°32'28	15°42	15°46	0♏ 1	16°44	22°23	27°23	5°15	5°15	24°45	10° 6	10°41	7°22	n.a.	S 12
S 13	5 8 13	17°33'40	27°36	17°25	1° 6	17°17	22°16	27°23	5°18	5°16	24°44	10° 3	10°38	7°29	n.a.	S 13
M14	5 12 10	18°34'51	9♍25	19° 4	2°12	17°51	22° 9	27°23	5°20	5°17	24°43	10°D 3	10°34	7°36	n.a.	M14
T 15	5 16 7	19°36'02	21°12	20°44	3°17	18°25	22° 3	27°22	5°23	5°18	24°43	10°R 3	10°31	7°42	n.a.	T 15
W16	5 20 3	20°37'13	3♎ 5	22°24	4°23	18°59	21°56	27°22	5°26	5°19	24°42	10° 2	10°28	7°49	n.a.	W16
T 17	5 24 0	21°38'23	15° 9	24° 5	5°29	19°33	21°50	27°21	5°28	5°20	24°42	10° 0	10°25	7°56	n.a.	T 17
F 18	5 27 56	22°39'33	27°28	25°46	6°35	20° 7	21°44	27°21	5°31	5°21	24°41	9°55	10°22	8° 2	n.a.	F 18
S 19	5 31 53	23°40'42	10♏ 7	27°28	7°42	20°41	21°38	27°20	5°34	5°21	24°41	9°48	10°19	8° 9	n.a.	S 19
S 20	5 35 49	24°41'51	23° 9	29°10	8°48	21°15	21°33	27°19	5°37	5°22	24°40	9°38	10°15	8°16	n.a.	S 20
M21	5 39 46	25°42'59	6♐33	0♑53	9°55	21°50	21°27	27°18	5°39	5°23	24°40	9°26	10°12	8°22	n.a.	M21
T 22	5 43 42	26°44'06	20°19	2°36	11° 2	22°24	21°22	27°17	5°42	5°24	24°39	9°14	10° 9	8°29	n.a.	T 22
W23	5 47 39	27°45'13	4♑24	4°20	12°10	22°59	21°16	27°16	5°45	5°24	24°39	9° 2	10° 6	8°36	n.a.	W23
T 24	5 51 36	28°46'18	18°41	6° 4	13°17	23°34	21°11	27°14	5°48	5°25	24°38	8°52	10° 3	8°42	n.a.	T 24
F 25	5 55 32	29°47'23	3♒ 5	7°48	14°25	24° 8	21° 6	27°13	5°51	5°25	24°38	8°45	9°59	8°49	n.a.	F 25
S 26	5 59 29	0♑48'26	17°30	9°32	15°32	24°43	21° 1	27°12	5°54	5°26	24°37	8°41	9°56	8°55	n.a.	S 26
S 27	6 3 25	1°49'28	1♓52	11°17	16°40	25°18	20°57	27°10	5°57	5°27	24°37	8°39	9°53	9° 2	n.a.	S 27
M28	6 7 22	2°50'28	16° 8	13° 2	17°49	25°53	20°52	27° 8	6° 0	5°27	24°37	8°D39	9°50	9° 9	n.a.	M28
T 29	6 11 18	3°51'27	0♈14	14°46	18°57	26°28	20°48	27° 7	6° 3	5°27	24°36	8°R39	9°47	9°15	n.a.	T 29
W30	6 15 15	4°52'24	14°12	16°31	20° 5	27° 4	20°44	27° 5	6° 6	5°28	24°36	8°39	9°44	9°22	n.a.	W30
T 31	6 19 11	5♑53'20	28♈ 0	18♑15	21♏14	27♓39	20♉40	27♌ 3	6♒ 9	5♎28	24♈36	8♍37	9♍40	9♍29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	21 s27	4 s54	0 s40	20 s50	0 s52	4 s40	2n52	8 s 5	0 s29	18n20	0 s38	14n24	1n58	19 s57	0 s41	0 s17	1n54	3 s26	14 s10	7n17	7n26	8n56		n.a.
W 2	21 38	0 22	1 52	21 17	0 58	5 2	2 54	7 51	0 27	18 18	0 37	14 24	1 58	19 57	0 41	0 17	1 54	3 26	14 10	7 17	7 27	8 55		n.a.
T 3	21 48	4n12	2 57	21 42	1 4	5 24	2 55	7 37	0 25	18 16	0 37	14 24	1 58	19 56	0 41	0 18	1 55	3 26	14 10	7 18	7 28	8 53		n.a.
F 4	21 58	8 30	3 51	22 7	1 9	5 46	2 57	7 23	0 24	18 14	0 37	14 24	1 58	19 56	0 41	0 18	1 55	3 27	14 10	7 21	7 29	8 51		n.a.
S 5	22 8	12 19	4 30	22 31	1 14	6 8	2 58	7 9	0 22	18 13	0 37	14 24	1 59	19 55	0 41	0 19	1 55	3 27	14 10	7 24	7 31	8 50		n.a.
S 6	22 17	15 25	4 54	22 53	1 19	6 31	2 59	6 55	0 20	18 11	0 37	14 24	1 59	19 55	0 41	0 19	1 55	3 27	14 9	7 29	7 32	8 48		n.a.
M 7	22 26	17 37	5 0	23 14	1 24	6 53	3 0	6 40	0 19	18 9	0 37	14 24	1 59	19 54	0 41	0 19	1 55	3 27	14 9	7 34	7 33	8 46		n.a.
T 8	22 34	18 50	4 50	23 35	1 29	7 16	3 0	6 26	0 17	18 8	0 36	14 24	2 0	19 53	0 41	0 20	1 55	3 27	14 9	7 39	7 34	8 45		n.a.
W 9	22 42	19 2	4 25	23 53	1 33	7 39	3 1	6 12	0 16	18 6	0 36	14 24	2 0	19 53	0 41	0 20	1 55	3 27	14 9	7 44	7 36	8 43		n.a.
T 10	22 49	18 17	3 48	24 11	1 38	8 1	3 1	5 57	0 14	18 4	0 36	14 24	2 0	19 52	0 41	0 21	1 55	3 27	14 8	7 48	7 37	8 41		n.a.
F 11	22 56	16 40	3 0	24 27	1 41	8 24	3 2	5 43	0 13	18 3	0 36	14 25	2 0	19 52	0 41	0 21	1 55	3 27	14 8	7 51	7 38	8 40		n.a.
S 12	23 3	14 20	2 5	24 42	1 45	8 47	3 2	5 29	0 11	18 1	0 36	14 25	2 1	19 51	0 41	0 21	1 55	3 27	14 8	7 53	7 39	8 38		n.a.
S 13	23 9	11 26	1 6	24 56	1 48	9 10	3 2	5 14	0 10	18 0	0 35	14 25	2 1	19 50	0 41	0 22	1 55	3 27	14 7	7 53	7 40	8 36		n.a.
M14	23 14	8 5	0 3	25 8	1 51	9 33	3 1	4 59	0 9	17 58	0 35	14 25	2 1	19 50	0 41	0 22	1 55	3 27	14 7	7 54	7 42	8 35		n.a.
T 15	23 19	4 26	0n59	25 18	1 54	9 56	3 1	4 45	0 7	17 57	0 35	14 26	2 1	19 49	0 41	0 22	1 55	3 27	14 7	7 54	7 43	8 33		n.a.
W16	23 24	0 35	1 59	25 27	1 57	10 18	3 1	4 30	0 6	17 55	0 35	14 26	2 2	19 48	0 41	0 23	1 55	3 27	14 7	7 54	7 44	8 31		n.a.
T 17	23 28	3 s21	2 55	25 34	1 59	10 41	3 0	4 15	0 5	17 54	0 35	14 27	2 2	19 48	0 41	0 23	1 55	3 26	14 6	7 55	7 45	8 30		n.a.
F 18	23 32	7 13	3 44	25 40	2 0	11 4	2 59	4 1	0 3	17 52	0 34	14 27	2 2	19 47	0 41	0 23	1 55	3 26	14 6	7 57	7 46	8 28		n.a.
S 19	23 35	10 53	4 23	25 44	2 2	11 26	2 59	3 46	0 2	17 51	0 34	14 28	2 2	19 46	0 41	0 23	1 56	3 26	14 6	7 59	7 48	8 26		n.a.
S 20	23 38	14 7	4 50	25 46	2 2	11 49	2 58	3 31	0 1	17 50	0 34	14 28	2 3	19 45	0 41	0 24	1 56	3 26	14 6	8 3	7 49	8 24		n.a.
M21	23 40	16 43	5 1	25 47	2 3	12 11	2 56	3 16	0n 1	17 48	0 34	14 29	2 3	19 45	0 41	0 24	1 56	3 26	14 5	8 8	7 50	8 23		n.a.
T 22	23 42	18 27	4 56	25 45	2 3	12 33	2 55	3 1	0 2	17 47	0 33	14 29	2 3	19 44	0 41	0 24	1 56	3 26	14 5	8 12	7 51	8 21		n.a.
W23	23 43	19 7	4 33	25 42	2 2	12 55	2 54	2 46	0 3	17 46	0 33	14 30	2 4	19 43	0 41	0 24	1 56	3 26	14 5	8 17	7 53	8 19		n.a.
T 24	23 44	18 34	3 53	25 37	2 1	13 17	2 52	2 31	0 4	17 45	0 33	14 31	2 4	19 43	0 41	0 24	1 56	3 26	14 4	8 21	7 54	8 18		n.a.
F 25	23 44	16 50	2 57	25 30	2 0	13 38	2 51	2 16	0 5	17 44	0 33	14 32	2 4	19 42	0 41	0 25	1 56	3 26	14 4	8 23	7 55	8 16		n.a.
S 26	23 44	14 2	1 50	25 21	1 58	14 0	2 49	2 1	0 7	17 43	0 33	14 32	2 4	19 41	0 41	0 25	1 56	3 26	14 4	8 25	7 56	8 14		n.a.
S 27	23 43	10 23	0 36	25 9	1 55	14 21	2 48	1 46	0 8	17 42	0 32	14 33	2 5	19 40	0 41	0 25	1 56	3 25	14 3	8 26	7 57	8 13		n.a.
M28	23 42	6 9	0 s40	24 56	1 52	14 42	2 46	1 31	0 9	17 41	0 32	14 34	2 5	19 40	0 41	0 25	1 56	3 25	14 3	8 26	7 59	8 11		n.a.
T 29	23 41	1 37	1 53	24 41	1 48	15 3	2 44	1 16	0 10	17 40	0 32	14 35	2 5	19 39	0 41	0 25	1 56	3 25	14 3	8 25	8 0	8 9		n.a.
W30	23 39	2n56	2 58	24 24	1 43	15 23	2 42	1 1	0 11	17 39	0 32	14 36	2 5	19 38	0 41	0 25	1 56	3 25	14 3	8 26	8 1	8 7		n.a.
T 31	23 s36	7n17	3 s52	24 s 5	1 s38	15 s43	2n40	0 s46	0n12	17n38	0 s32	14n37	2n 6	19 s37	0 s41	0 s25	1n56	3 s25	14 s 2	8n26	8n 2	8n 6		n.a.

Julian Day Number = 1594285.5, Delta T = 04h03m12s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'42, Lahiri = - 8°45'41 Julian Calendar 1 Dec. 349 BCE == Greg. Calendar 26 Nov. 349 BCE

The year -348 astronomical counting style corresponds to year 349 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

JANUARY 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 23 8	6♑54'15	11♉38	19♑58	22♏23	28♓14	20°R37	27°R 1	6♒12	5♎29	24°R36	8°R32	9♍37	9♍35	n.a.	F 1
S 2	6 27 5	7°55'07	25° 6	21°40	23°31	28°49	20♉33	26♌58	6°15	5°29	24♈35	8♍25	9°34	9°42	n.a.	S 2
S 3	6 31 1	8°55'59	8♊24	23°21	24°40	29°25	20°30	26°56	6°18	5°29	24°35	8°15	9°31	9°49	n.a.	S 3
M 4	6 34 58	9°56'49	21°29	25° 0	25°50	0♈ 0	20°27	26°54	6°22	5°29	24°35	8° 5	9°28	9°55	n.a.	M 4
T 5	6 38 54	10°57'38	4♋22	26°37	26°59	0°36	20°24	26°51	6°25	5°30	24°35	7°54	9°25	10° 2	n.a.	T 5
W 6	6 42 51	11°58'25	17° 1	28°11	28° 8	1°11	20°21	26°49	6°28	5°30	24°35	7°44	9°21	10° 9	n.a.	W 6
T 7	6 46 47	12°59'11	29°26	29°43	29°18	1°47	20°19	26°46	6°31	5°30	24°34	7°36	9°18	10°15	n.a.	T 7
F 8	6 50 44	13°59'55	11♌38	1♒11	0♐27	2°23	20°16	26°43	6°34	5°30	24°34	7°30	9°15	10°22	n.a.	F 8
S 9	6 54 40	15° 0'38	23°39	2°34	1°37	2°58	20°14	26°40	6°38	5°30	24°34	7°26	9°12	10°29	n.a.	S 9
S 10	6 58 37	16° 1'20	5♍31	3°52	2°47	3°34	20°12	26°37	6°41	5°30	24°34	7°D25	9° 9	10°35	n.a.	S 10
M11	7 2 34	17° 2'00	17°19	5° 5	3°57	4°10	20°11	26°34	6°44	5°R30	24°34	7°26	9° 5	10°42	n.a.	M11
T 12	7 6 30	18° 2'39	29° 6	6°12	5° 7	4°46	20° 9	26°31	6°47	5°30	24°D34	7°27	9° 2	10°48	n.a.	T 12
W13	7 10 27	19° 3'16	10♎58	7°11	6°17	5°22	20° 8	26°28	6°51	5°30	24°34	7°28	8°59	10°55	n.a.	W13
T 14	7 14 23	20° 3'53	23° 1	8° 2	7°27	5°58	20° 7	26°25	6°54	5°30	24°34	7°R28	8°56	11° 2	n.a.	T 14
F 15	7 18 20	21° 4'28	5♏18	8°45	8°37	6°34	20° 6	26°22	6°57	5°30	24°34	7°27	8°53	11° 8	n.a.	F 15
S 16	7 22 16	22° 5'01	17°56	9°19	9°47	7°10	20° 5	26°18	7° 1	5°30	24°34	7°24	8°50	11°15	n.a.	S 16
S 17	7 26 13	23° 5'33	0♐58	9°43	10°58	7°46	20° 4	26°15	7° 4	5°30	24°34	7°19	8°46	11°22	n.a.	S 17
M18	7 30 9	24° 6'04	14°26	9°58	12° 8	8°22	20° 4	26°11	7° 8	5°29	24°35	7°13	8°43	11°28	n.a.	M18
T 19	7 34 6	25° 6'33	28°20	10°R 2	13°19	8°58	20°D 4	26° 8	7°11	5°29	24°35	7° 5	8°40	11°35	n.a.	T 19
W20	7 38 3	26° 7'01	12♑38	9°56	14°30	9°35	20° 4	26° 4	7°14	5°29	24°35	6°59	8°37	11°42	n.a.	W20
T 21	7 41 59	27° 7'27	27°15	9°39	15°41	10°11	20° 4	26° 0	7°18	5°28	24°35	6°53	8°34	11°48	n.a.	T 21
F 22	7 45 56	28° 7'51	12♒ 3	9°14	16°51	10°47	20° 5	25°56	7°21	5°28	24°35	6°49	8°31	11°55	n.a.	F 22
S 23	7 49 52	29° 8'13	26°55	8°39	18° 2	11°24	20° 5	25°52	7°25	5°28	24°35	6°47	8°27	12° 2	n.a.	S 23
S 24	7 53 49	0♒ 8'33	11♓42	7°56	19°13	12° 0	20° 6	25°49	7°28	5°27	24°36	6°D46	8°24	12° 8	n.a.	S 24
M25	7 57 45	1° 8'51	26°19	7° 6	20°24	12°36	20° 7	25°44	7°31	5°27	24°36	6°47	8°21	12°15	n.a.	M25
T 26	8 1 42	2° 9'07	10♈42	6°11	21°35	13°13	20° 9	25°40	7°35	5°26	24°36	6°49	8°18	12°22	n.a.	T 26
W27	8 5 38	3° 9'20	24°47	5°11	22°46	13°49	20°10	25°36	7°38	5°26	24°37	6°50	8°15	12°28	n.a.	W27
T 28	8 9 35	4° 9'31	8♉35	4° 9	23°57	14°26	20°12	25°32	7°42	5°25	24°37	6°R50	8°11	12°35	n.a.	T 28
F 29	8 13 32	5° 9'41	22° 4	3° 6	25° 9	15° 2	20°14	25°28	7°45	5°25	24°37	6°49	8° 8	12°41	n.a.	F 29
S 30	8 17 28	6° 9'48	5♊18	2° 3	26°20	15°39	20°16	25°24	7°49	5°24	24°38	6°46	8° 5	12°48	n.a.	S 30
S 31	8 21 25	7♒ 9'52	18♊16	1♒ 2	27♐31	16♈16	20♉18	25♌19	7♒52	5♎23	24♈38	6♍42	8♍ 2	12♍55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s33	11n12	4s32	23s44	1s32	16s 3	2n37	0s31	0n13	17n37	0s31	14n38	2n 6	19s36	0s41	0s25	1n56	3s24	14s 2	8n28	8n 3	8n 4		n.a.
S 2	23 30	14 29	4 56	23 22	1 25	16 23	2 35	0 15	0 14	17 37	0 31	14 39	2 6	19 36	0 41	0 25	1 56	3 24	14 2	8 31	8 5	8 2		n.a.
S 3	23 26	16 58	5 4	22 57	1 17	16 42	2 33	0 0	0 15	17 36	0 31	14 40	2 6	19 35	0 40	0 26	1 57	3 24	14 1	8 35	8 6	8 1		n.a.
M 4	23 21	18 32	4 56	22 31	1 9	17 1	2 30	0n15	0 16	17 35	0 31	14 41	2 7	19 34	0 40	0 26	1 57	3 24	14 1	8 39	8 7	7 59		n.a.
T 5	23 17	19 7	4 33	22 4	0 59	17 20	2 28	0 30	0 17	17 35	0 30	14 42	2 7	19 33	0 40	0 26	1 57	3 24	14 1	8 43	8 8	7 57		n.a.
W 6	23 11	18 43	3 57	21 35	0 49	17 38	2 25	0 45	0 18	17 34	0 30	14 43	2 7	19 32	0 40	0 26	1 57	3 23	14 0	8 46	8 9	7 55		n.a.
T 7	23 6	17 26	3 9	21 5	0 38	17 56	2 22	1 1	0 19	17 34	0 30	14 44	2 7	19 32	0 40	0 26	1 57	3 23	14 0	8 50	8 11	7 54		n.a.
F 8	22 59	15 22	2 14	20 34	0 26	18 13	2 20	1 16	0 20	17 33	0 30	14 45	2 8	19 31	0 40	0 26	1 57	3 23	14 0	8 52	8 12	7 52		n.a.
S 9	22 53	12 39	1 14	20 3	0 14	18 30	2 17	1 31	0 21	17 33	0 30	14 46	2 8	19 30	0 40	0 26	1 57	3 23	13 59	8 53	8 13	7 50		n.a.
S 10	22 46	9 27	0 10	19 32	0 0	18 47	2 14	1 46	0 22	17 33	0 29	14 48	2 8	19 29	0 40	0 25	1 57	3 22	13 59	8 53	8 14	7 49		n.a.
M11	22 38	5 53	0n53	19 0	0n14	19 3	2 11	2 2	0 23	17 32	0 29	14 49	2 8	19 28	0 40	0 25	1 57	3 22	13 59	8 53	8 16	7 47		n.a.
T 12	22 30	2 7	1 55	18 29	0 29	19 19	2 8	2 17	0 24	17 32	0 29	14 50	2 8	19 27	0 40	0 25	1 57	3 22	13 58	8 53	8 17	7 45		n.a.
W13	22 22	1s46	2 51	17 59	0 44	19 34	2 5	2 32	0 25	17 32	0 29	14 51	2 9	19 26	0 40	0 25	1 57	3 21	13 58	8 52	8 18	7 43		n.a.
T 14	22 13	5 38	3 41	17 31	1 0	19 49	2 2	2 47	0 26	17 32	0 28	14 53	2 9	19 26	0 40	0 25	1 57	3 21	13 58	8 52	8 19	7 42		n.a.
F 15	22 4	9 20	4 23	17 4	1 17	20 4	1 59	3 2	0 26	17 32	0 28	14 54	2 9	19 25	0 40	0 25	1 57	3 21	13 57	8 53	8 20	7 40		n.a.
S 16	21 54	12 43	4 52	16 39	1 33	20 17	1 55	3 18	0 27	17 32	0 28	14 56	2 9	19 24	0 40	0 25	1 57	3 21	13 57	8 54	8 22	7 38		n.a.
S 17	21 44	15 35	5 8	16 16	1 50	20 31	1 52	3 33	0 28	17 32	0 28	14 57	2 9	19 23	0 40	0 25	1 58	3 20	13 57	8 56	8 23	7 36		n.a.
M18	21 33	17 44	5 7	15 56	2 6	20 44	1 49	3 48	0 29	17 32	0 28	14 58	2 10	19 22	0 40	0 25	1 58	3 20	13 57	8 58	8 24	7 35		n.a.
T 19	21 22	18 55	4 49	15 40	2 23	20 56	1 46	4 3	0 30	17 32	0 27	15 0	2 10	19 21	0 40	0 24	1 58	3 19	13 56	9 1	8 25	7 33		n.a.
W20	21 11	18 57	4 12	15 27	2 38	21 8	1 42	4 18	0 30	17 33	0 27	15 1	2 10	19 20	0 40	0 24	1 58	3 19	13 56	9 3	8 26	7 31		n.a.
T 21	21 0	17 43	3 18	15 17	2 53	21 19	1 39	4 33	0 31	17 33	0 27	15 3	2 10	19 19	0 40	0 24	1 58	3 19	13 56	9 6	8 28	7 29		n.a.
F 22	20 47	15 18	2 11	15 11	3 6	21 30	1 35	4 49	0 32	17 33	0 27	15 4	2 10	19 19	0 40	0 24	1 58	3 18	13 55	9 7	8 29	7 28		n.a.
S 23	20 35	11 51	0 54	15 8	3 18	21 40	1 32	5 4	0 33	17 34	0 26	15 6	2 11	19 18	0 40	0 24	1 58	3 18	13 55	9 8	8 30	7 26		n.a.
S 24	20 22	7 40	0s27	15 9	3 29	21 49	1 29	5 19	0 34	17 34	0 26	15 7	2 11	19 17	0 40	0 23	1 58	3 18	13 55	9 8	8 31	7 24		n.a.
M25	20 9	3 5	1 45	15 13	3 38	21 58	1 25	5 34	0 34	17 34	0 26	15 9	2 11	19 16	0 40	0 23	1 58	3 17	13 54	9 8	8 32	7 22		n.a.
T 26	19 55	1n37	2 55	15 20	3 44	22 6	1 22	5 49	0 35	17 35	0 26	15 10	2 11	19 15	0 40	0 23	1 58	3 17	13 54	9 7	8 34	7 21		n.a.
W27	19 42	6 6	3 53	15 30	3 49	22 14	1 18	6 4	0 36	17 36	0 26	15 12	2 11	19 14	0 40	0 23	1 58	3 16	13 54	9 7	8 35	7 19		n.a.
T 28	19 27	10 11	4 36	15 43	3 51	22 21	1 15	6 19	0 36	17 36	0 25	15 13	2 11	19 13	0 40	0 22	1 58	3 16	13 53	9 7	8 36	7 17		n.a.
F 29	19 13	13 38	5 3	15 57	3 51	22 28	1 11	6 34	0 37	17 37	0 25	15 15	2 12	19 12	0 40	0 22	1 58	3 16	13 53	9 7	8 37	7 15		n.a.
S 30	18 58	16 19	5 13	16 13	3 49	22 34	1 7	6 49	0 38	17 38	0 25	15 17	2 12	19 11	0 40	0 22	1 58	3 15	13 53	9 8	8 38	7 14		n.a.
S 31	18s43	18n 7	5s 7	16s31	3n45	22s39	1n 4	7n 4	0n38	17n39	0s25	15n18	2n12	19s11	0s40	0s21	1n58	3s15	13s52	9n10	8n40	7n12		n.a.

Julian Day Number = 1594316.5, Delta T = 04h03m11s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'37, Lahiri = - 8°45'37 Julian Calendar 1 Jan. 348 BCE == Greg. Calendar 27 Dec. 349 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

FEBRUARY 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 25 21	8♒ 9'55	1♋ 1	0°R 4	28♐42	16♈52	20♉20	25°R15	7♒55	5°R23	24♈38	6°R38	7♍59	13♍ 1	n.a.	M 1
T 2	8 29 18	9° 9'55	13°33	29♏10	29°54	17°29	20°23	25♌11	7°59	5♎22	24°39	6♍33	7°56	13° 8	n.a.	T 2
W 3	8 33 14	10° 9'53	25°54	28°21	1♏ 5	18° 5	20°26	25° 6	8° 2	5°21	24°39	6°28	7°52	13°15	n.a.	W 3
T 4	8 37 11	11° 9'49	8♌ 4	27°37	2°17	18°42	20°29	25° 2	8° 6	5°20	24°40	6°25	7°49	13°21	n.a.	T 4
F 5	8 41 7	12° 9'43	20° 6	27° 0	3°28	19°19	20°32	24°57	8° 9	5°20	24°40	6°22	7°46	13°28	n.a.	F 5
S 6	8 45 4	13° 9'35	2♍ 0	26°30	4°40	19°56	20°35	24°53	8°13	5°19	24°41	6°D21	7°43	13°35	n.a.	S 6
S 7	8 49 1	14° 9'25	13°50	26° 6	5°52	20°32	20°39	24°48	8°16	5°18	24°41	6°22	7°40	13°41	n.a.	S 7
M 8	8 52 57	15° 9'13	25°37	25°49	7° 3	21° 9	20°43	24°44	8°20	5°17	24°42	6°23	7°37	13°48	n.a.	M 8
T 9	8 56 54	16° 8'59	7♎25	25°38	8°15	21°46	20°46	24°39	8°23	5°16	24°42	6°24	7°33	13°55	n.a.	T 9
W10	9 0 50	17° 8'44	19°19	25°D34	9°27	22°23	20°51	24°34	8°26	5°15	24°43	6°26	7°30	14° 1	n.a.	W10
T 11	9 4 47	18° 8'26	1♏21	25°35	10°38	22°59	20°55	24°30	8°30	5°14	24°44	6°27	7°27	14° 8	n.a.	T 11
F 12	9 8 43	19° 8'07	13°37	25°43	11°50	23°36	20°59	24°25	8°33	5°13	24°44	6°R28	7°24	14°14	n.a.	F 12
S 13	9 12 40	20° 7'45	26°11	25°56	13° 2	24°13	21° 4	24°20	8°37	5°12	24°45	6°28	7°21	14°21	n.a.	S 13
S 14	9 16 36	21° 7'22	9♐ 8	26°15	14°14	24°50	21° 9	24°16	8°40	5°11	24°46	6°27	7°17	14°28	n.a.	S 14
M15	9 20 33	22° 6'57	22°30	26°39	15°26	25°27	21°14	24°11	8°43	5°10	24°46	6°26	7°14	14°34	n.a.	M15
T 16	9 24 30	23° 6'30	6♑20	27° 7	16°38	26° 4	21°19	24° 6	8°47	5° 9	24°47	6°24	7°11	14°41	n.a.	T 16
W17	9 28 26	24° 6'02	20°37	27°40	17°50	26°41	21°24	24° 2	8°50	5° 8	24°48	6°22	7° 8	14°48	n.a.	W17
T 18	9 32 23	25° 5'31	5♒17	28°18	19° 2	27°18	21°29	23°57	8°53	5° 7	24°48	6°21	7° 5	14°54	n.a.	T 18
F 19	9 36 19	26° 4'58	20°15	28°59	20°14	27°55	21°35	23°52	8°57	5° 6	24°49	6°20	7° 2	15° 1	n.a.	F 19
S 20	9 40 16	27° 4'23	5♓22	29°44	21°26	28°32	21°41	23°48	9° 0	5° 5	24°50	6°D20	6°58	15° 8	n.a.	S 20
S 21	9 44 12	28° 3'46	20°29	0♒32	22°38	29° 9	21°47	23°43	9° 3	5° 3	24°51	6°20	6°55	15°14	n.a.	S 21
M22	9 48 9	29° 3'07	5♈28	1°23	23°50	29°46	21°53	23°38	9° 7	5° 2	24°52	6°21	6°52	15°21	n.a.	M22
T 23	9 52 5	0♓ 2'25	20°11	2°18	25° 2	0♉23	21°59	23°34	9°10	5° 1	24°52	6°21	6°49	15°28	n.a.	T 23
W24	9 56 2	1° 1'41	4♉33	3°16	26°14	1° 0	22° 5	23°29	9°13	5° 0	24°53	6°22	6°46	15°34	n.a.	W24
T 25	9 59 58	2° 0'54	18°31	4°16	27°27	1°37	22°12	23°24	9°17	4°58	24°54	6°22	6°42	15°41	n.a.	T 25
F 26	10 3 55	3° 0'05	2♊ 4	5°19	28°39	2°14	22°19	23°20	9°20	4°57	24°55	6°R22	6°39	15°48	n.a.	F 26
S 27	10 7 52	3°59'14	15°15	6°25	29°51	2°51	22°26	23°15	9°23	4°56	24°56	6°22	6°36	15°54	n.a.	S 27
S 28	10 11 48	4♓58'20	28♊ 5	7♒33	1♒ 3	3♉28	22♉33	23♌11	9♒26	4♎54	24♈57	6♍22	6♍33	16♍ 1	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s27	18n58	4s45	16s49	3n39	22s43	1n 0	7n18	0n39	17n39	0s25	15n20	2n12	19s10	0s40	0s21	1n58	3s14	13s52	9n11	8n41	7n10		n.a.
T 2	18 11	18 53	4 11	17 7	3 32	22 47	0 57	7 33	0 40	17 40	0 24	15 22	2 12	19 9	0 40	0 21	1 59	3 14	13 52	9 13	8 42	7 8		n.a.
W 3	17 55	17 53	3 24	17 26	3 23	22 51	0 53	7 48	0 40	17 41	0 24	15 23	2 12	19 8	0 40	0 20	1 59	3 13	13 51	9 15	8 43	7 7		n.a.
T 4	17 38	16 4	2 30	17 45	3 13	22 53	0 50	8 3	0 41	17 42	0 24	15 25	2 12	19 7	0 40	0 20	1 59	3 13	13 51	9 16	8 44	7 5		n.a.
F 5	17 22	13 34	1 28	18 3	3 1	22 55	0 46	8 17	0 42	17 43	0 24	15 27	2 13	19 6	0 40	0 20	1 59	3 13	13 51	9 17	8 46	7 3		n.a.
S 6	17 4	10 31	0 24	18 21	2 49	22 57	0 42	8 32	0 42	17 44	0 24	15 28	2 13	19 5	0 40	0 19	1 59	3 12	13 51	9 17	8 47	7 1		n.a.
S 7	16 47	7 4	0n41	18 38	2 36	22 57	0 39	8 47	0 43	17 46	0 23	15 30	2 13	19 4	0 40	0 19	1 59	3 12	13 50	9 17	8 48	6 59		n.a.
M 8	16 29	3 21	1 44	18 54	2 23	22 57	0 35	9 1	0 43	17 47	0 23	15 32	2 13	19 3	0 40	0 19	1 59	3 11	13 50	9 17	8 49	6 58		n.a.
T 9	16 11	0s29	2 43	19 10	2 9	22 57	0 32	9 16	0 44	17 48	0 23	15 33	2 13	19 2	0 40	0 18	1 59	3 11	13 50	9 16	8 50	6 56		n.a.
W10	15 53	4 19	3 36	19 24	1 56	22 55	0 28	9 30	0 45	17 49	0 23	15 35	2 13	19 2	0 40	0 18	1 59	3 10	13 49	9 16	8 52	6 54		n.a.
T 11	15 35	8 2	4 19	19 37	1 42	22 53	0 25	9 45	0 45	17 51	0 23	15 37	2 13	19 1	0 40	0 17	1 59	3 10	13 49	9 15	8 53	6 52		n.a.
F 12	15 16	11 29	4 52	19 49	1 28	22 51	0 21	9 59	0 46	17 52	0 22	15 38	2 13	19 0	0 40	0 17	1 59	3 9	13 49	9 15	8 54	6 51		n.a.
S 13	14 57	14 29	5 12	20 0	1 15	22 47	0 18	10 13	0 46	17 53	0 22	15 40	2 13	18 59	0 40	0 16	1 59	3 9	13 48	9 15	8 55	6 49		n.a.
S 14	14 38	16 53	5 17	20 10	1 1	22 43	0 15	10 27	0 47	17 55	0 22	15 42	2 14	18 58	0 40	0 16	1 59	3 8	13 48	9 15	8 56	6 47		n.a.
M15	14 19	18 27	5 5	20 18	0 48	22 39	0 11	10 42	0 47	17 56	0 22	15 43	2 14	18 57	0 40	0 15	1 59	3 8	13 48	9 16	8 58	6 45		n.a.
T 16	13 59	19 0	4 35	20 25	0 35	22 33	0 8	10 56	0 48	17 58	0 22	15 45	2 14	18 56	0 40	0 15	1 59	3 7	13 48	9 16	8 59	6 43		n.a.
W17	13 39	18 23	3 48	20 31	0 23	22 27	0 4	11 10	0 48	17 59	0 21	15 46	2 14	18 55	0 40	0 14	1 59	3 7	13 47	9 17	9 0	6 42		n.a.
T 18	13 19	16 32	2 44	20 35	0 11	22 21	0 1	11 24	0 49	18 1	0 21	15 48	2 14	18 54	0 40	0 14	1 59	3 6	13 47	9 17	9 1	6 40		n.a.
F 19	12 59	13 31	1 28	20 38	0s 1	22 14	0s 2	11 38	0 49	18 3	0 21	15 50	2 14	18 54	0 40	0 13	1 59	3 6	13 47	9 18	9 2	6 38		n.a.
S 20	12 38	9 35	0 5	20 40	0 12	22 6	0 5	11 51	0 50	18 4	0 21	15 51	2 14	18 53	0 41	0 13	2 0	3 5	13 46	9 18	9 4	6 36		n.a.
S 21	12 18	5 0	1s18	20 40	0 23	21 57	0 9	12 5	0 50	18 6	0 21	15 53	2 14	18 52	0 41	0 12	2 0	3 4	13 46	9 18	9 5	6 34		n.a.
M22	11 57	0 10	2 35	20 39	0 34	21 48	0 12	12 19	0 51	18 8	0 20	15 55	2 14	18 51	0 41	0 12	2 0	3 4	13 46	9 18	9 6	6 33		n.a.
T 23	11 36	4n35	3 41	20 36	0 44	21 38	0 15	12 33	0 51	18 10	0 20	15 56	2 14	18 50	0 41	0 11	2 0	3 3	13 46	9 17	9 7	6 31		n.a.
W24	11 15	8 57	4 30	20 32	0 53	21 28	0 18	12 46	0 52	18 12	0 20	15 58	2 14	18 49	0 41	0 11	2 0	3 3	13 45	9 17	9 8	6 29		n.a.
T 25	10 53	12 42	5 3	20 26	1 2	21 16	0 21	13 0	0 52	18 13	0 20	15 59	2 14	18 48	0 41	0 10	2 0	3 2	13 45	9 17	9 9	6 27		n.a.
F 26	10 32	15 39	5 17	20 19	1 11	21 5	0 24	13 13	0 53	18 15	0 20	16 1	2 14	18 48	0 41	0 10	2 0	3 2	13 45	9 17	9 11	6 25		n.a.
S 27	10 10	17 42	5 14	20 11	1 19	20 52	0 27	13 26	0 53	18 17	0 20	16 3	2 14	18 47	0 41	0 9	2 0	3 1	13 45	9 17	9 12	6 24		n.a.
S 28	9s48	18n48	4s56	20s 0	1s27	20s39	0s30	13n40	0n54	18n19	0s19	16n 4	2n14	18s46	0s41	0s 9	2n 0	3s 1	13s44	9n17	9n13	6n22		n.a.

Julian Day Number = 1594347.5, Delta T = 04h03m10s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'33, Lahiri = - 8°45'33 Julian Calendar 1 Feb. 348 BCE == Greg. Calendar 27 Jan. 348 BCE

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

MARCH 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 15 45	5♓57'23	10♋37	8♒43	2♒15	4♉ 5	22♉40	23°R 6	9♒29	4°R53	24♈58	6°D22	6♍30	16♍ 7	n.a.	M 1
T 2	10 19 41	6°56'25	22°55	9°55	3°28	4°42	22°47	23♌ 2	9°32	4♎52	24°59	6♍22	6°27	16°14	n.a.	T 2
W 3	10 23 38	7°55'24	5♌ 2	11°10	4°40	5°19	22°54	22°57	9°36	4°50	25° 0	6°22	6°23	16°21	n.a.	W 3
T 4	10 27 34	8°54'20	17° 1	12°26	5°52	5°56	23° 2	22°53	9°39	4°49	25° 1	6°22	6°20	16°27	n.a.	T 4
F 5	10 31 31	9°53'15	28°53	13°45	7° 5	6°33	23°10	22°48	9°42	4°47	25° 2	6°22	6°17	16°34	n.a.	F 5
S 6	10 35 27	10°52'07	10♍42	15° 5	8°17	7°10	23°17	22°44	9°45	4°46	25° 3	6°R22	6°14	16°41	n.a.	S 6
S 7	10 39 24	11°50'57	22°30	16°27	9°29	7°47	23°25	22°40	9°48	4°44	25° 4	6°22	6°11	16°47	n.a.	S 7
M 8	10 43 20	12°49'45	4♎19	17°51	10°42	8°24	23°33	22°35	9°51	4°43	25° 5	6°22	6° 8	16°54	n.a.	M 8
T 9	10 47 17	13°48'31	16°11	19°17	11°54	9° 2	23°42	22°31	9°54	4°41	25° 6	6°21	6° 4	17° 1	n.a.	T 9
W10	10 51 14	14°47'15	28° 9	20°45	13° 6	9°39	23°50	22°27	9°57	4°40	25° 7	6°20	6° 1	17° 7	n.a.	W10
T 11	10 55 10	15°45'57	10♏16	22°14	14°19	10°16	23°58	22°23	10° 0	4°38	25° 8	6°18	5°58	17°14	n.a.	T 11
F 12	10 59 7	16°44'38	22°35	23°45	15°31	10°53	24° 7	22°19	10° 3	4°37	25° 9	6°17	5°55	17°21	n.a.	F 12
S 13	11 3 3	17°43'16	5♐ 9	25°17	16°44	11°30	24°16	22°15	10° 6	4°35	25°10	6°17	5°52	17°27	n.a.	S 13
S 14	11 7 0	18°41'53	18° 3	26°52	17°56	12° 7	24°25	22°11	10° 9	4°34	25°11	6°D16	5°48	17°34	n.a.	S 14
M15	11 10 56	19°40'28	1♑18	28°28	19° 9	12°44	24°34	22° 7	10°11	4°32	25°12	6°16	5°45	17°41	n.a.	M15
T 16	11 14 53	20°39'01	14°58	0♓ 5	20°21	13°21	24°43	22° 3	10°14	4°31	25°14	6°17	5°42	17°47	n.a.	T 16
W17	11 18 49	21°37'33	29° 3	1°44	21°34	13°59	24°52	21°59	10°17	4°29	25°15	6°18	5°39	17°54	n.a.	W17
T 18	11 22 46	22°36'03	13♒33	3°25	22°46	14°36	25° 1	21°56	10°20	4°28	25°16	6°19	5°36	18° 0	n.a.	T 18
F 19	11 26 43	23°34'31	28°24	5° 7	23°59	15°13	25°11	21°52	10°23	4°26	25°17	6°20	5°33	18° 7	n.a.	F 19
S 20	11 30 39	24°32'57	13♓30	6°51	25°11	15°50	25°20	21°48	10°25	4°24	25°18	6°R20	5°29	18°14	n.a.	S 20
S 21	11 34 36	25°31'21	28°42	8°37	26°24	16°27	25°30	21°45	10°28	4°23	25°19	6°19	5°26	18°20	n.a.	S 21
M22	11 38 32	26°29'44	13♈51	10°25	27°36	17° 5	25°39	21°41	10°31	4°21	25°21	6°17	5°23	18°27	n.a.	M22
T 23	11 42 29	27°28'04	28°48	12°14	28°49	17°42	25°49	21°38	10°33	4°20	25°22	6°15	5°20	18°34	n.a.	T 23
W24	11 46 25	28°26'22	13♉24	14° 4	0♓ 2	18°19	25°59	21°35	10°36	4°18	25°23	6°12	5°17	18°40	n.a.	W24
T 25	11 50 22	29°24'38	27°34	15°57	1°14	18°56	26° 9	21°32	10°38	4°16	25°24	6° 9	5°13	18°47	n.a.	T 25
F 26	11 54 18	0♈22'52	11♊16	17°51	2°27	19°33	26°19	21°28	10°41	4°15	25°25	6° 7	5°10	18°54	n.a.	F 26
S 27	11 58 15	1°21'04	24°31	19°46	3°40	20°11	26°30	21°25	10°43	4°13	25°27	6° 6	5° 7	19° 0	n.a.	S 27
S 28	12 2 11	2°19'14	7♋22	21°44	4°52	20°48	26°40	21°22	10°46	4°11	25°28	6°D 6	5° 4	19° 7	n.a.	S 28
M29	12 6 8	3°17'21	19°51	23°43	6° 5	21°25	26°50	21°19	10°48	4°10	25°29	6° 7	5° 1	19°14	n.a.	M29
T 30	12 10 5	4°15'27	2♌ 3	25°43	7°17	22° 2	27° 1	21°17	10°51	4° 8	25°31	6° 8	4°58	19°20	n.a.	T 30
W31	12 14 1	5♈13'30	14♌ 3	27♓45	8♓30	22♉40	27♉11	21♌14	10♒53	4♎ 7	25♈32	6♍10	4♍54	19♍27	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	9s26	18n56	4s23	19s49	1s34	20s26	0s33	13n53	0n54	18n21	0s19	16n 6	2n14	18s45	0s41	0s 8	2n 0	3s 0	13s44	9n17	9n14	6n20			n.a.
T 2	9 4	18 10	3 39	19 36	1 41	20 12	0 36	14 6	0 54	18 23	0 19	16 7	2 14	18 44	0 41	0 7	2 0	2 59	13 44	9 17	9 15	6 18			n.a.
W 3	8 42	16 34	2 46	19 21	1 47	19 57	0 38	14 19	0 55	18 25	0 19	16 9	2 14	18 43	0 41	0 7	2 0	2 59	13 44	9 17	9 17	6 16			n.a.
T 4	8 20	14 15	1 46	19 5	1 53	19 42	0 41	14 32	0 55	18 28	0 19	16 10	2 14	18 42	0 41	0 6	2 0	2 58	13 43	9 17	9 18	6 15			n.a.
F 5	7 57	11 21	0 42	18 47	1 58	19 26	0 44	14 45	0 56	18 30	0 19	16 12	2 14	18 42	0 41	0 6	2 0	2 58	13 43	9 17	9 19	6 13			n.a.
S 6	7 35	8 1	0n24	18 28	2 3	19 10	0 46	14 57	0 56	18 32	0 18	16 13	2 14	18 41	0 41	0 5	2 0	2 57	13 43	9 17	9 20	6 11			n.a.
S 7	7 12	4 22	1 29	18 7	2 7	18 53	0 49	15 10	0 56	18 34	0 18	16 14	2 14	18 40	0 41	0 4	2 0	2 57	13 43	9 17	9 21	6 9			n.a.
M 8	6 49	0 32	2 29	17 45	2 11	18 35	0 51	15 23	0 57	18 36	0 18	16 16	2 14	18 39	0 41	0 4	2 0	2 56	13 43	9 17	9 23	6 7			n.a.
T 9	6 27	3s19	3 24	17 21	2 14	18 18	0 54	15 35	0 57	18 38	0 18	16 17	2 14	18 38	0 41	0 3	2 0	2 55	13 42	9 18	9 24	6 5			n.a.
W10	6 4	7 4	4 10	16 55	2 17	17 59	0 56	15 47	0 58	18 41	0 18	16 19	2 14	18 38	0 41	0 2	2 0	2 55	13 42	9 18	9 25	6 4			n.a.
T 11	5 41	10 34	4 45	16 28	2 20	17 40	0 58	16 0	0 58	18 43	0 18	16 20	2 14	18 37	0 41	0 2	2 0	2 54	13 42	9 18	9 26	6 2			n.a.
F 12	5 18	13 41	5 8	15 59	2 22	17 21	1 1	16 12	0 58	18 45	0 17	16 21	2 14	18 36	0 41	0 1	2 0	2 54	13 42	9 19	9 27	6 0			n.a.
S 13	4 55	16 13	5 17	15 29	2 23	17 1	1 3	16 24	0 59	18 48	0 17	16 22	2 14	18 35	0 41	0 1	2 0	2 53	13 41	9 19	9 28	5 58			n.a.
S 14	4 31	18 2	5 11	14 57	2 24	16 40	1 5	16 36	0 59	18 50	0 17	16 24	2 14	18 35	0 41	0n 0	2 0	2 53	13 41	9 19	9 30	5 56			n.a.
M15	4 8	18 56	4 48	14 24	2 24	16 19	1 7	16 48	0 59	18 52	0 17	16 25	2 14	18 34	0 41	0 1	2 0	2 52	13 41	9 19	9 31	5 54			n.a.
T 16	3 45	18 47	4 8	13 49	2 24	15 58	1 9	16 59	1 0	18 55	0 17	16 26	2 14	18 33	0 41	0 1	2 0	2 51	13 41	9 19	9 32	5 53			n.a.
W17	3 22	17 28	3 12	13 13	2 23	15 36	1 11	17 11	1 0	18 57	0 17	16 27	2 14	18 32	0 41	0 2	2 0	2 51	13 41	9 19	9 33	5 51			n.a.
T 18	2 58	15 0	2 3	12 35	2 22	15 14	1 13	17 23	1 0	18 59	0 16	16 29	2 14	18 32	0 41	0 3	2 0	2 50	13 41	9 18	9 34	5 49			n.a.
F 19	2 35	11 29	0 44	11 55	2 20	14 52	1 14	17 34	1 1	19 2	0 16	16 30	2 14	18 31	0 41	0 3	2 0	2 50	13 40	9 18	9 36	5 47			n.a.
S 20	2 11	7 10	0s40	11 14	2 18	14 29	1 16	17 45	1 1	19 4	0 16	16 31	2 14	18 30	0 41	0 4	2 0	2 49	13 40	9 18	9 37	5 45			n.a.
S 21	1 48	2 22	2 1	10 31	2 15	14 5	1 18	17 56	1 1	19 7	0 16	16 32	2 13	18 29	0 41	0 5	2 0	2 48	13 40	9 18	9 38	5 43			n.a.
M22	1 25	2n35	3 13	9 47	2 12	13 41	1 19	18 7	1 2	19 9	0 16	16 33	2 13	18 29	0 41	0 5	2 0	2 48	13 40	9 19	9 39	5 42			n.a.
T 23	1 1	7 17	4 11	9 1	2 8	13 17	1 21	18 18	1 2	19 12	0 16	16 34	2 13	18 28	0 41	0 6	2 0	2 47	13 40	9 20	9 40	5 40			n.a.
W24	0 38	11 26	4 51	8 14	2 3	12 53	1 22	18 29	1 2	19 14	0 15	16 35	2 13	18 27	0 41	0 7	2 0	2 47	13 39	9 21	9 41	5 38			n.a.
T 25	0 14	14 48	5 12	7 25	1 58	12 28	1 24	18 40	1 2	19 17	0 15	16 36	2 13	18 27	0 41	0 7	2 0	2 46	13 39	9 22	9 43	5 36			n.a.
F 26	0n 9	17 13	5 14	6 35	1 53	12 3	1 25	18 51	1 3	19 19	0 15	16 37	2 13	18 26	0 41	0 8	2 0	2 46	13 39	9 23	9 44	5 34			n.a.
S 27	0 33	18 38	4 59	5 44	1 47	11 37	1 26	19 1	1 3	19 22	0 15	16 38	2 13	18 25	0 41	0 9	2 0	2 45	13 39	9 23	9 45	5 32			n.a.
S 28	0 56	19 2	4 30	4 51	1 40	11 12	1 27	19 11	1 3	19 25	0 15	16 39	2 13	18 25	0 41	0 9	2 1	2 44	13 39	9 23	9 46	5 31			n.a.
M29	1 19	18 29	3 48	3 57	1 33	10 45	1 28	19 22	1 4	19 27	0 15	16 40	2 13	18 24	0 41	0 10	2 1	2 44	13 39	9 23	9 47	5 29			n.a.
T 30	1 43	17 4	2 57	3 2	1 25	10 19	1 29	19 32	1 4	19 30	0 15	16 40	2 13	18 23	0 41	0 11	2 1	2 43	13 39	9 22	9 49	5 27			n.a.
W31	2n 6	14n55	1s59	2s 5	1s17	9s52	1s30	19n42	1n 4	19n32	0s14	16n41	2n13	18s23	0s41	0n11	2n 1	2s43	13s38	9n22	9n50	5n25			n.a.

Julian Day Number = 1594375.5, Delta T = 04h03m09s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'29, Lahiri = - 8°45'29 Julian Calendar 1 March 348 BCE == Greg. Calendar 24 Feb. 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

APRIL 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 17 58	6♈11'32	25♌55	29♓49	9♓43	23♉17	27♉22	21°R11	10♒55	4°R 5	25♈33	6♍11	4♍51	19♍34	n.a.	T 1
F 2	12 21 54	7° 9'31	7♍43	1♈54	10°55	23°54	27°33	21♌ 9	10°57	4♎ 3	25°34	6°R12	4°48	19°40	n.a.	F 2
S 3	12 25 51	8° 7'29	19°30	4° 0	12° 8	24°31	27°44	21° 6	11° 0	4° 2	25°36	6°11	4°45	19°47	n.a.	S 3
S 4	12 29 47	9° 5'25	1♎19	6° 7	13°21	25° 8	27°55	21° 4	11° 2	4° 0	25°37	6° 8	4°42	19°54	n.a.	S 4
M 5	12 33 44	10° 3'19	13°13	8°16	14°34	25°46	28° 6	21° 2	11° 4	3°58	25°38	6° 4	4°39	20° 0	n.a.	M 5
T 6	12 37 40	11° 1'12	25°12	10°25	15°46	26°23	28°17	20°59	11° 6	3°57	25°40	5°59	4°35	20° 7	n.a.	T 6
W 7	12 41 37	11°59'03	7♏20	12°35	16°59	27° 0	28°28	20°57	11° 8	3°55	25°41	5°53	4°32	20°13	n.a.	W 7
T 8	12 45 34	12°56'52	19°37	14°45	18°12	27°37	28°39	20°55	11°10	3°54	25°42	5°46	4°29	20°20	n.a.	T 8
F 9	12 49 30	13°54'40	2♐ 6	16°55	19°24	28°15	28°51	20°53	11°12	3°52	25°44	5°40	4°26	20°27	n.a.	F 9
S 10	12 53 27	14°52'27	14°47	19° 6	20°37	28°52	29° 2	20°52	11°14	3°50	25°45	5°35	4°23	20°33	n.a.	S 10
S 11	12 57 23	15°50'12	27°43	21°15	21°50	29°29	29°13	20°50	11°16	3°49	25°46	5°32	4°19	20°40	n.a.	S 11
M12	13 1 20	16°47'57	10♑57	23°24	23° 3	0♊ 6	29°25	20°48	11°18	3°47	25°48	5°D31	4°16	20°47	n.a.	M12
T 13	13 5 16	17°45'40	24°30	25°33	24°16	0°44	29°37	20°47	11°20	3°46	25°49	5°31	4°13	20°53	n.a.	T 13
W14	13 9 13	18°43'22	8♒24	27°39	25°28	1°21	29°48	20°45	11°22	3°44	25°50	5°32	4°10	21° 0	n.a.	W14
T 15	13 13 9	19°41'02	22°39	29°45	26°41	1°58	0♊ 0	20°44	11°23	3°42	25°52	5°33	4° 7	21° 7	n.a.	T 15
F 16	13 17 6	20°38'42	7♓14	1♉48	27°54	2°35	0°12	20°43	11°25	3°41	25°53	5°R33	4° 4	21°13	n.a.	F 16
S 17	13 21 3	21°36'20	22° 5	3°50	29° 7	3°13	0°24	20°41	11°27	3°39	25°54	5°32	4° 0	21°20	n.a.	S 17
S 18	13 24 59	22°33'57	7♈ 6	5°49	0♈20	3°50	0°36	20°40	11°28	3°38	25°56	5°29	3°57	21°27	n.a.	S 18
M19	13 28 56	23°31'33	22° 8	7°46	1°33	4°27	0°48	20°39	11°30	3°36	25°57	5°24	3°54	21°33	n.a.	M19
T 20	13 32 52	24°29'08	7♉ 3	9°41	2°46	5° 5	1° 0	20°39	11°31	3°35	25°58	5°17	3°51	21°40	n.a.	T 20
W21	13 36 49	25°26'41	21°42	11°32	3°58	5°42	1°12	20°38	11°33	3°33	26° 0	5°10	3°48	21°47	n.a.	W21
T 22	13 40 45	26°24'13	5♊57	13°22	5°11	6°19	1°24	20°37	11°34	3°32	26° 1	5° 2	3°45	21°53	n.a.	T 22
F 23	13 44 42	27°21'43	19°46	15° 8	6°24	6°56	1°36	20°37	11°36	3°30	26° 3	4°55	3°41	22° 0	n.a.	F 23
S 24	13 48 38	28°19'13	3♋ 6	16°51	7°37	7°34	1°49	20°36	11°37	3°29	26° 4	4°51	3°38	22° 7	n.a.	S 24
S 25	13 52 35	29°16'40	16° 0	18°32	8°50	8°11	2° 1	20°36	11°38	3°27	26° 5	4°48	3°35	22°13	n.a.	S 25
M26	13 56 32	0♉14'07	28°30	20° 9	10° 3	8°48	2°14	20°36	11°40	3°26	26° 7	4°D47	3°32	22°20	n.a.	M26
T 27	14 0 28	1°11'31	10♌42	21°44	11°16	9°26	2°26	20°35	11°41	3°25	26° 8	4°47	3°29	22°26	n.a.	T 27
W28	14 4 25	2° 8'55	22°41	23°15	12°29	10° 3	2°38	20°D35	11°42	3°23	26° 9	4°48	3°25	22°33	n.a.	W28
T 29	14 8 21	3° 6'17	4♍31	24°43	13°42	10°40	2°51	20°36	11°43	3°22	26°11	4°R49	3°22	22°40	n.a.	T 29
F 30	14 12 18	4♉ 3'38	16♍18	26♉ 9	14♈55	11♊18	3♊ 4	20♌36	11♒44	3♎20	26♈12	4♍48	3♍19	22♍46	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n29	12n 9	0s56	1s 8	1s 9	9s25	1s31	19n52	1n 4	19n35	0s14	16n42	2n12	18s22	0s41	0n12	2n 1	2s42	13s38	9n21	9n51	5n23		n.a.
F 2	2 53	8 55	0n 8	0 9	1 0	8 58	1 32	20 1	1 5	19 38	0 14	16 43	2 12	18 22	0 41	0 13	2 1	2 42	13 38	9 21	9 52	5 21		n.a.
S 3	3 16	5 19	1 12	0n50	0 51	8 31	1 33	20 11	1 5	19 40	0 14	16 43	2 12	18 21	0 41	0 13	2 1	2 41	13 38	9 21	9 53	5 19		n.a.
S 4	3 39	1 30	2 13	1 50	0 41	8 3	1 33	20 20	1 5	19 43	0 14	16 44	2 12	18 20	0 42	0 14	2 1	2 40	13 38	9 22	9 54	5 17		n.a.
M 5	4 2	2s23	3 9	2 50	0 31	7 35	1 34	20 30	1 5	19 45	0 14	16 45	2 12	18 20	0 42	0 14	2 1	2 40	13 38	9 24	9 56	5 16		n.a.
T 6	4 25	6 13	3 56	3 51	0 21	7 7	1 34	20 39	1 5	19 48	0 14	16 45	2 12	18 19	0 42	0 15	2 1	2 39	13 38	9 26	9 57	5 14		n.a.
W 7	4 48	9 49	4 33	4 52	0 10	6 39	1 35	20 48	1 6	19 51	0 13	16 46	2 12	18 19	0 42	0 16	2 1	2 39	13 38	9 28	9 58	5 12		n.a.
T 8	5 10	13 4	4 59	5 53	0n 0	6 11	1 35	20 57	1 6	19 53	0 13	16 46	2 12	18 18	0 42	0 16	2 0	2 38	13 38	9 30	9 59	5 10		n.a.
F 9	5 33	15 46	5 10	6 54	0 11	5 42	1 35	21 5	1 6	19 56	0 13	16 47	2 11	18 18	0 42	0 17	2 0	2 38	13 38	9 33	10 0	5 8		n.a.
S 10	5 56	17 46	5 7	7 54	0 21	5 13	1 35	21 14	1 6	19 59	0 13	16 47	2 11	18 17	0 42	0 18	2 0	2 37	13 37	9 34	10 1	5 6		n.a.
S 11	6 18	18 55	4 48	8 53	0 32	4 44	1 36	21 22	1 7	20 1	0 13	16 48	2 11	18 17	0 42	0 18	2 0	2 37	13 37	9 36	10 3	5 4		n.a.
M12	6 41	19 4	4 13	9 51	0 42	4 15	1 36	21 31	1 7	20 4	0 13	16 48	2 11	18 16	0 42	0 19	2 0	2 36	13 37	9 36	10 4	5 3		n.a.
T 13	7 3	18 8	3 24	10 49	0 53	3 46	1 36	21 39	1 7	20 7	0 13	16 49	2 11	18 16	0 42	0 20	2 0	2 35	13 37	9 36	10 5	5 1		n.a.
W14	7 25	16 6	2 22	11 44	1 2	3 17	1 35	21 47	1 7	20 9	0 13	16 49	2 11	18 15	0 42	0 20	2 0	2 35	13 37	9 36	10 6	4 59		n.a.
T 15	7 48	13 2	1 9	12 38	1 12	2 47	1 35	21 55	1 7	20 12	0 12	16 49	2 11	18 15	0 42	0 21	2 0	2 34	13 37	9 35	10 7	4 57		n.a.
F 16	8 10	9 6	0s 9	13 31	1 21	2 18	1 35	22 2	1 8	20 15	0 12	16 49	2 10	18 14	0 42	0 21	2 0	2 34	13 37	9 35	10 8	4 55		n.a.
S 17	8 31	4 32	1 28	14 21	1 30	1 48	1 35	22 10	1 8	20 17	0 12	16 50	2 10	18 14	0 42	0 22	2 0	2 33	13 37	9 36	10 10	4 53		n.a.
S 18	8 53	0n22	2 42	15 10	1 38	1 18	1 34	22 17	1 8	20 20	0 12	16 50	2 10	18 13	0 42	0 23	2 0	2 33	13 37	9 37	10 11	4 51		n.a.
M19	9 15	5 15	3 45	15 56	1 45	0 49	1 34	22 25	1 8	20 23	0 12	16 50	2 10	18 13	0 42	0 23	2 0	2 32	13 37	9 39	10 12	4 49		n.a.
T 20	9 36	9 46	4 31	16 40	1 52	0 19	1 33	22 32	1 8	20 25	0 12	16 50	2 10	18 13	0 42	0 24	2 0	2 32	13 37	9 41	10 13	4 48		n.a.
W21	9 57	13 36	4 59	17 21	1 59	0n11	1 33	22 39	1 8	20 28	0 12	16 50	2 10	18 12	0 42	0 24	2 0	2 31	13 37	9 44	10 14	4 46		n.a.
T 22	10 19	16 31	5 7	18 1	2 4	0 41	1 32	22 45	1 9	20 30	0 12	16 50	2 10	18 12	0 42	0 25	2 0	2 31	13 37	9 47	10 15	4 44		n.a.
F 23	10 40	18 24	4 57	18 38	2 9	1 10	1 32	22 52	1 9	20 33	0 11	16 50	2 9	18 12	0 42	0 26	2 0	2 30	13 37	9 49	10 17	4 42		n.a.
S 24	11 0	19 11	4 31	19 12	2 13	1 40	1 31	22 58	1 9	20 36	0 11	16 50	2 9	18 11	0 42	0 26	2 0	2 30	13 37	9 51	10 18	4 40		n.a.
S 25	11 21	18 56	3 52	19 44	2 16	2 10	1 30	23 5	1 9	20 38	0 11	16 50	2 9	18 11	0 42	0 27	2 0	2 29	13 37	9 52	10 19	4 38		n.a.
M26	11 42	17 44	3 3	20 14	2 19	2 40	1 29	23 11	1 9	20 41	0 11	16 50	2 9	18 11	0 42	0 27	2 0	2 29	13 37	9 53	10 20	4 36		n.a.
T 27	12 2	15 45	2 6	20 41	2 21	3 10	1 28	23 17	1 9	20 44	0 11	16 50	2 9	18 10	0 42	0 28	2 0	2 28	13 37	9 52	10 21	4 34		n.a.
W28	12 22	13 6	1 5	21 6	2 22	3 39	1 27	23 23	1 9	20 46	0 11	16 50	2 9	18 10	0 42	0 28	2 0	2 28	13 37	9 52	10 22	4 32		n.a.
T 29	12 42	9 57	0 2	21 29	2 22	4 9	1 26	23 28	1 10	20 49	0 11	16 50	2 8	18 10	0 42	0 29	2 0	2 27	13 37	9 52	10 24	4 30		n.a.
F 30	13n 2	6n24	1n 1	21n49	2n22	4n39	1s25	23n34	1n10	20n51	0s11	16n50	2n 8	18s 9	0s42	0n29	2n 0	2s27	13s37	9n52	10n25	4n29		n.a.

Julian Day Number = 1594406.5, Delta T = 04h03m08s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'25, Lahiri = - 8°45'25 Julian Calendar 1 Apr. 348 BCE == Greg. Calendar 27 March 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

MAY 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 14	5♉ 0'57	28♍ 6	27♉31	16♈ 8	11♊55	3♊16	20♌36	11♒45	3°R19	26♈13	4°R45	3♍16	22♍53	n.a.	S 1
S 2	14 20 11	5°58'16	9♎59	28°49	17°21	12°32	3°29	20°36	11°46	3♎18	26°15	4♍40	3°13	23° 0	n.a.	S 2
M 3	14 24 7	6°55'34	22° 0	0♊ 5	18°34	13°10	3°42	20°37	11°47	3°17	26°16	4°32	3°10	23° 6	n.a.	M 3
T 4	14 28 4	7°52'50	4♏10	1°17	19°47	13°47	3°54	20°37	11°48	3°15	26°17	4°23	3° 6	23°13	n.a.	T 4
W 5	14 32 0	8°50'06	16°31	2°26	21° 0	14°24	4° 7	20°38	11°49	3°14	26°19	4°12	3° 3	23°20	n.a.	W 5
T 6	14 35 57	9°47'21	29° 4	3°32	22°13	15° 2	4°20	20°39	11°50	3°13	26°20	4° 0	3° 0	23°26	n.a.	T 6
F 7	14 39 54	10°44'35	11♐48	4°34	23°26	15°39	4°33	20°40	11°51	3°12	26°21	3°50	2°57	23°33	n.a.	F 7
S 8	14 43 50	11°41'49	24°45	5°32	24°39	16°16	4°46	20°41	11°51	3°10	26°23	3°41	2°54	23°40	n.a.	S 8
S 9	14 47 47	12°39'02	7♑53	6°27	25°52	16°54	4°59	20°42	11°52	3° 9	26°24	3°34	2°50	23°46	n.a.	S 9
M10	14 51 43	13°36'15	21°15	7°18	27° 5	17°31	5°12	20°43	11°53	3° 8	26°25	3°30	2°47	23°53	n.a.	M10
T 11	14 55 40	14°33'27	4♒50	8° 5	28°18	18° 8	5°25	20°44	11°53	3° 7	26°27	3°28	2°44	24° 0	n.a.	T 11
W12	14 59 36	15°30'39	18°39	8°49	29°31	18°46	5°38	20°45	11°54	3° 6	26°28	3°D27	2°41	24° 6	n.a.	W12
T 13	15 3 33	16°27'50	2♓43	9°28	0♉44	19°23	5°51	20°47	11°54	3° 5	26°29	3°R28	2°38	24°13	n.a.	T 13
F 14	15 7 30	17°25'02	17° 2	10° 3	1°58	20° 1	6° 4	20°48	11°54	3° 4	26°31	3°27	2°35	24°20	n.a.	F 14
S 15	15 11 26	18°22'13	1♈33	10°34	3°11	20°38	6°17	20°50	11°55	3° 3	26°32	3°25	2°31	24°26	n.a.	S 15
S 16	15 15 23	19°19'23	16°13	11° 1	4°24	21°15	6°31	20°52	11°55	3° 2	26°33	3°20	2°28	24°33	n.a.	S 16
M17	15 19 19	20°16'34	0♉56	11°24	5°37	21°53	6°44	20°54	11°55	3° 1	26°34	3°12	2°25	24°40	n.a.	M17
T 18	15 23 16	21°13'44	15°34	11°42	6°50	22°30	6°57	20°56	11°56	3° 0	26°36	3° 2	2°22	24°46	n.a.	T 18
W19	15 27 12	22°10'54	0♊ 1	11°55	8° 4	23° 8	7°10	20°58	11°56	2°59	26°37	2°51	2°19	24°53	n.a.	W19
T 20	15 31 9	23° 8'03	14° 9	12° 4	9°17	23°45	7°23	21° 0	11°56	2°58	26°38	2°40	2°16	25° 0	n.a.	T 20
F 21	15 35 5	24° 5'12	27°55	12°R 9	10°30	24°23	7°37	21° 2	11°56	2°57	26°39	2°30	2°12	25° 6	n.a.	F 21
S 22	15 39 2	25° 2'20	11♋14	12° 9	11°43	25° 0	7°50	21° 4	11°R56	2°56	26°41	2°22	2° 9	25°13	n.a.	S 22
S 23	15 42 59	25°59'28	24° 8	12° 4	12°57	25°38	8° 3	21° 7	11°56	2°55	26°42	2°17	2° 6	25°20	n.a.	S 23
M24	15 46 55	26°56'36	6♌40	11°55	14°10	26°15	8°17	21° 9	11°56	2°54	26°43	2°14	2° 3	25°26	n.a.	M24
T 25	15 50 52	27°53'43	18°53	11°42	15°23	26°53	8°30	21°12	11°56	2°54	26°44	2°12	2° 0	25°33	n.a.	T 25
W26	15 54 48	28°50'49	0♍53	11°24	16°37	27°30	8°44	21°15	11°56	2°53	26°45	2°12	1°56	25°39	n.a.	W26
T 27	15 58 45	29°47'55	12°44	11° 3	17°50	28° 8	8°57	21°18	11°55	2°52	26°47	2°12	1°53	25°46	n.a.	T 27
F 28	16 2 41	0♊45'01	24°32	10°38	19° 3	28°45	9°10	21°20	11°55	2°51	26°48	2°11	1°50	25°53	n.a.	F 28
S 29	16 6 38	1°42'06	6♎23	10°10	20°17	29°23	9°24	21°23	11°55	2°51	26°49	2° 8	1°47	25°59	n.a.	S 29
S 30	16 10 34	2°39'11	18°20	9°39	21°30	0♋ 0	9°37	21°26	11°54	2°50	26°50	2° 2	1°44	26° 6	n.a.	S 30
M31	16 14 31	3♊36'16	0♏28	9♊ 5	22♉43	0♋38	9♊51	21♌30	11♒54	2♎49	26♈51	1♍53	1♍41	26♍13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n21	2n37	2n 1	22n 7	2n20	5n 8	1s24	23n39	1n10	20n54	0s10	16n49	2n 8	18s 9	0s42	0n30	2n 0	2s26	13s37	9n53	10n26	4n27		n.a.
S 2	13 41	1s18	2 57	22 23	2 18	5 37	1 23	23 44	1 10	20 56	0 10	16 49	2 8	18 9	0 43	0 30	2 0	2 26	13 37	9 55	10 27	4 25		n.a.
M 3	14 0	5 12	3 44	22 37	2 15	6 7	1 21	23 49	1 10	20 59	0 10	16 49	2 8	18 9	0 43	0 31	2 0	2 25	13 37	9 58	10 28	4 23		n.a.
T 4	14 19	8 57	4 23	22 49	2 11	6 36	1 20	23 54	1 10	21 2	0 10	16 48	2 8	18 8	0 43	0 31	2 0	2 25	13 37	10 1	10 29	4 21		n.a.
W 5	14 37	12 22	4 49	22 59	2 7	7 5	1 18	23 59	1 10	21 4	0 10	16 48	2 7	18 8	0 43	0 32	2 0	2 25	13 37	10 5	10 31	4 19		n.a.
T 6	14 56	15 17	5 2	23 6	2 2	7 34	1 17	24 3	1 10	21 7	0 10	16 48	2 7	18 8	0 43	0 32	2 0	2 24	13 37	10 10	10 32	4 17		n.a.
F 7	15 14	17 32	5 0	23 12	1 55	8 3	1 15	24 7	1 11	21 9	0 10	16 47	2 7	18 8	0 43	0 33	2 0	2 24	13 37	10 14	10 33	4 15		n.a.
S 8	15 32	18 55	4 43	23 16	1 48	8 31	1 14	24 11	1 11	21 12	0 10	16 47	2 7	18 8	0 43	0 33	2 0	2 23	13 37	10 17	10 34	4 13		n.a.
S 9	15 50	19 19	4 11	23 18	1 41	9 0	1 12	24 15	1 11	21 14	0 10	16 46	2 7	18 8	0 43	0 34	2 0	2 23	13 37	10 19	10 35	4 11		n.a.
M10	16 7	18 40	3 25	23 19	1 32	9 28	1 11	24 19	1 11	21 17	0 9	16 46	2 7	18 7	0 43	0 34	2 0	2 22	13 37	10 21	10 36	4 10		n.a.
T 11	16 24	16 56	2 26	23 18	1 23	9 56	1 9	24 23	1 11	21 19	0 9	16 45	2 6	18 7	0 43	0 34	2 0	2 22	13 37	10 22	10 38	4 8		n.a.
W12	16 41	14 11	1 18	23 15	1 13	10 24	1 7	24 26	1 11	21 22	0 9	16 45	2 6	18 7	0 43	0 35	2 0	2 22	13 37	10 22	10 39	4 6		n.a.
T 13	16 58	10 34	0 4	23 10	1 2	10 51	1 5	24 29	1 11	21 24	0 9	16 44	2 6	18 7	0 43	0 35	2 0	2 21	13 37	10 22	10 40	4 4		n.a.
F 14	17 14	6 17	1s11	23 4	0 51	11 19	1 4	24 32	1 11	21 26	0 9	16 43	2 6	18 7	0 43	0 36	2 0	2 21	13 37	10 22	10 41	4 2		n.a.
S 15	17 31	1 34	2 23	22 57	0 39	11 46	1 2	24 35	1 11	21 29	0 9	16 43	2 6	18 7	0 43	0 36	1 59	2 20	13 37	10 23	10 42	4 0		n.a.
S 16	17 46	3n17	3 26	22 48	0 26	12 12	1 0	24 38	1 11	21 31	0 9	16 42	2 6	18 7	0 43	0 36	1 59	2 20	13 37	10 25	10 43	3 58		n.a.
M17	18 2	7 57	4 15	22 38	0 12	12 39	0 58	24 40	1 11	21 34	0 9	16 41	2 5	18 7	0 43	0 37	1 59	2 20	13 37	10 27	10 44	3 56		n.a.
T 18	18 17	12 7	4 48	22 26	0s 2	13 5	0 56	24 43	1 11	21 36	0 9	16 40	2 5	18 7	0 43	0 37	1 59	2 19	13 38	10 31	10 46	3 54		n.a.
W19	18 32	15 30	5 1	22 14	0 16	13 31	0 54	24 45	1 12	21 38	0 8	16 40	2 5	18 7	0 43	0 37	1 59	2 19	13 38	10 35	10 47	3 52		n.a.
T 20	18 47	17 54	4 55	22 0	0 32	13 57	0 52	24 47	1 12	21 41	0 8	16 39	2 5	18 7	0 43	0 38	1 59	2 19	13 38	10 39	10 48	3 50		n.a.
F 21	19 2	19 11	4 33	21 45	0 47	14 22	0 50	24 48	1 12	21 43	0 8	16 38	2 5	18 7	0 43	0 38	1 59	2 18	13 38	10 43	10 49	3 48		n.a.
S 22	19 16	19 21	3 55	21 29	1 3	14 47	0 48	24 50	1 12	21 45	0 8	16 37	2 5	18 7	0 43	0 38	1 59	2 18	13 38	10 46	10 50	3 46		n.a.
S 23	19 29	18 29	3 7	21 13	1 19	15 12	0 45	24 51	1 12	21 47	0 8	16 36	2 5	18 7	0 43	0 39	1 59	2 18	13 38	10 48	10 51	3 45		n.a.
M24	19 43	16 43	2 11	20 55	1 35	15 36	0 43	24 53	1 12	21 50	0 8	16 35	2 4	18 7	0 43	0 39	1 59	2 17	13 38	10 49	10 53	3 43		n.a.
T 25	19 56	14 14	1 10	20 37	1 52	16 0	0 41	24 54	1 12	21 52	0 8	16 34	2 4	18 7	0 43	0 39	1 59	2 17	13 38	10 49	10 54	3 41		n.a.
W26	20 9	11 11	0 7	20 19	2 8	16 23	0 39	24 55	1 12	21 54	0 8	16 33	2 4	18 7	0 43	0 39	1 59	2 17	13 38	10 49	10 55	3 39		n.a.
T 27	20 21	7 43	0n56	20 0	2 24	16 46	0 37	24 55	1 12	21 56	0 8	16 32	2 4	18 7	0 43	0 40	1 59	2 16	13 38	10 49	10 56	3 37		n.a.
F 28	20 34	3 57	1 55	19 41	2 40	17 9	0 34	24 56	1 12	21 59	0 7	16 31	2 4	18 7	0 44	0 40	1 59	2 16	13 39	10 50	10 57	3 35		n.a.
S 29	20 45	0 2	2 50	19 22	2 55	17 31	0 32	24 56	1 12	22 1	0 7	16 30	2 4	18 8	0 44	0 40	1 59	2 16	13 39	10 51	10 58	3 33		n.a.
S 30	20 57	3s55	3 38	19 3	3 9	17 53	0 30	24 56	1 12	22 3	0 7	16 28	2 3	18 8	0 44	0 40	1 59	2 16	13 39	10 53	10 59	3 31		n.a.
M31	21n 8	7s46	4n17	18n45	3s23	18n14	0s27	24n56	1n12	22n 5	0s 7	16n27	2n 3	18s 8	0s44	0n40	1n59	2s15	13s39	10n56	11n 1	3n29		n.a.

Julian Day Number = 1594436.5, Delta T = 04h03m07s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'21, Lahiri = - 8°45'20 Julian Calendar 1 May 348 BCE == Greg. Calendar 26 Apr. 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

JUNE 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 18 28	4♊33'21	12♏49	8°R30	23♉57	1♋15	10♊ 4	21♌33	11°R54	2°R49	26♈52	1°R43	1♍37	26♍19	n.a.	T 1
W 2	16 22 24	5°30'26	25°25	7♊54	25°10	1°53	10°17	21°36	11♒53	2♎48	26°53	1♍30	1°34	26°26	n.a.	W 2
T 3	16 26 21	6°27'31	8♐15	7°17	26°24	2°30	10°31	21°40	11°53	2°48	26°54	1°18	1°31	26°33	n.a.	T 3
F 4	16 30 17	7°24'36	21°20	6°40	27°37	3° 8	10°44	21°43	11°52	2°47	26°56	1° 6	1°28	26°39	n.a.	F 4
S 5	16 34 14	8°21'41	4♑37	6° 4	28°51	3°45	10°58	21°47	11°51	2°47	26°57	0°55	1°25	26°46	n.a.	S 5
S 6	16 38 10	9°18'47	18° 6	5°29	0♊ 4	4°23	11°11	21°50	11°51	2°46	26°58	0°48	1°22	26°53	n.a.	S 6
M 7	16 42 7	10°15'53	1♒45	4°56	1°18	5° 1	11°25	21°54	11°50	2°46	26°59	0°43	1°18	26°59	n.a.	M 7
T 8	16 46 3	11°13'00	15°32	4°25	2°31	5°38	11°38	21°58	11°49	2°46	27° 0	0°40	1°15	27° 6	n.a.	T 8
W 9	16 50 0	12°10'07	29°27	3°58	3°45	6°16	11°52	22° 2	11°48	2°45	27° 1	0°D40	1°12	27°13	n.a.	W 9
T 10	16 53 57	13° 7'14	13♓29	3°34	4°58	6°53	12° 5	22° 6	11°47	2°45	27° 2	0°R40	1° 9	27°19	n.a.	T 10
F 11	16 57 53	14° 4'23	27°39	3°14	6°12	7°31	12°19	22°10	11°47	2°45	27° 3	0°39	1° 6	27°26	n.a.	F 11
S 12	17 1 50	15° 1'32	11♈54	2°58	7°26	8° 9	12°32	22°14	11°46	2°44	27° 4	0°37	1° 2	27°33	n.a.	S 12
S 13	17 5 46	15°58'41	26°13	2°47	8°39	8°46	12°46	22°18	11°45	2°44	27° 5	0°32	0°59	27°39	n.a.	S 13
M14	17 9 43	16°55'52	10♉31	2°41	9°53	9°24	12°59	22°23	11°44	2°44	27° 6	0°25	0°56	27°46	n.a.	M14
T 15	17 13 39	17°53'03	24°45	2°D41	11° 7	10° 2	13°13	22°27	11°42	2°44	27° 7	0°16	0°53	27°53	n.a.	T 15
W16	17 17 36	18°50'15	8♊49	2°45	12°20	10°39	13°26	22°31	11°41	2°44	27° 7	0° 5	0°50	27°59	n.a.	W16
T 17	17 21 33	19°47'27	22°39	2°56	13°34	11°17	13°39	22°36	11°40	2°44	27° 8	29♌54	0°47	28° 6	n.a.	T 17
F 18	17 25 29	20°44'40	6♋ 9	3°12	14°48	11°55	13°53	22°41	11°39	2°44	27° 9	29°44	0°43	28°13	n.a.	F 18
S 19	17 29 26	21°41'54	19°19	3°33	16° 2	12°33	14° 6	22°45	11°38	2°D44	27°10	29°36	0°40	28°19	n.a.	S 19
S 20	17 33 22	22°39'08	2♌ 8	4° 0	17°15	13°10	14°20	22°50	11°36	2°44	27°11	29°31	0°37	28°26	n.a.	S 20
M21	17 37 19	23°36'23	14°37	4°33	18°29	13°48	14°33	22°55	11°35	2°44	27°12	29°27	0°34	28°33	n.a.	M21
T 22	17 41 15	24°33'38	26°49	5°11	19°43	14°26	14°46	23° 0	11°34	2°44	27°13	29°D26	0°31	28°39	n.a.	T 22
W23	17 45 12	25°30'54	8♍49	5°55	20°57	15° 4	15° 0	23° 5	11°32	2°44	27°13	29°27	0°28	28°46	n.a.	W23
T 24	17 49 8	26°28'10	20°41	6°45	22°11	15°42	15°13	23°10	11°31	2°44	27°14	29°R27	0°24	28°53	n.a.	T 24
F 25	17 53 5	27°25'26	2♎30	7°40	23°25	16°20	15°26	23°15	11°29	2°44	27°15	29°27	0°21	28°59	n.a.	F 25
S 26	17 57 2	28°22'44	14°22	8°41	24°39	16°57	15°40	23°20	11°28	2°44	27°16	29°26	0°18	29° 6	n.a.	S 26
S 27	18 0 58	29°20'01	26°23	9°47	25°52	17°35	15°53	23°25	11°26	2°45	27°16	29°22	0°15	29°13	n.a.	S 27
M28	18 4 55	0♋17'20	8♏35	10°58	27° 6	18°13	16° 6	23°30	11°25	2°45	27°17	29°17	0°12	29°19	n.a.	M28
T 29	18 8 51	1°14'39	21° 4	12°14	28°20	18°51	16°19	23°36	11°23	2°45	27°18	29° 9	0° 8	29°26	n.a.	T 29
W30	18 12 48	2♋12'00	3♐50	13♊36	29♊34	19♋29	16♊33	23♌41	11♒21	2♎46	27♈19	29♌ 0	0♍ 5	29♍33	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n19	11s22	4n45	18n27	3s36	18n35	0s25	24n56	1n12	22n 7	0s 7	16n26	2n 3	18s 8	0s44	0n41	1n59	2s15	13s39	11n 0	11n 2	3n27		n.a.
W 2	21 29	14 31	4 59	18 9	3 47	18 56	0 23	24 55	1 12	22 9	0 7	16 25	2 3	18 8	0 44	0 41	1 59	2 15	13 39	11 4	11 3	3 25		n.a.
T 3	21 39	17 3	4 58	17 53	3 58	19 16	0 20	24 55	1 12	22 11	0 7	16 24	2 3	18 8	0 44	0 41	1 58	2 15	13 39	11 9	11 4	3 23		n.a.
F 4	21 49	18 45	4 42	17 38	4 7	19 35	0 18	24 54	1 12	22 13	0 7	16 22	2 3	18 9	0 44	0 41	1 58	2 14	13 40	11 13	11 5	3 21		n.a.
S 5	21 58	19 29	4 11	17 24	4 15	19 54	0 15	24 53	1 12	22 15	0 7	16 21	2 3	18 9	0 44	0 41	1 58	2 14	13 40	11 17	11 6	3 19		n.a.
S 6	22 7	19 7	3 25	17 12	4 21	20 12	0 13	24 52	1 12	22 17	0 6	16 20	2 2	18 9	0 44	0 41	1 58	2 14	13 40	11 20	11 7	3 17		n.a.
M 7	22 16	17 38	2 27	17 2	4 26	20 30	0 11	24 51	1 12	22 19	0 6	16 18	2 2	18 9	0 44	0 41	1 58	2 14	13 40	11 21	11 9	3 15		n.a.
T 8	22 24	15 7	1 19	16 53	4 29	20 47	0 8	24 49	1 12	22 21	0 6	16 17	2 2	18 10	0 44	0 42	1 58	2 13	13 40	11 22	11 10	3 13		n.a.
W 9	22 32	11 42	0 6	16 46	4 31	21 4	0 6	24 47	1 12	22 23	0 6	16 15	2 2	18 10	0 44	0 42	1 58	2 13	13 40	11 22	11 11	3 12		n.a.
T 10	22 39	7 36	1s 8	16 42	4 31	21 20	0 3	24 45	1 12	22 25	0 6	16 14	2 2	18 10	0 44	0 42	1 58	2 13	13 41	11 22	11 12	3 10		n.a.
F 11	22 46	3 3	2 18	16 39	4 29	21 36	0 1	24 43	1 12	22 27	0 6	16 13	2 2	18 10	0 44	0 42	1 58	2 13	13 41	11 23	11 13	3 8		n.a.
S 12	22 53	1n42	3 20	16 39	4 27	21 50	0n 1	24 41	1 12	22 29	0 6	16 11	2 2	18 11	0 44	0 42	1 58	2 13	13 41	11 23	11 14	3 6		n.a.
S 13	22 59	6 22	4 10	16 41	4 22	22 5	0 4	24 38	1 12	22 31	0 6	16 10	2 1	18 11	0 44	0 42	1 58	2 13	13 41	11 25	11 15	3 4		n.a.
M14	23 5	10 40	4 44	16 45	4 17	22 18	0 6	24 36	1 12	22 33	0 6	16 8	2 1	18 11	0 44	0 42	1 58	2 12	13 41	11 28	11 17	3 2		n.a.
T 15	23 10	14 20	5 1	16 52	4 10	22 32	0 8	24 33	1 12	22 34	0 6	16 6	2 1	18 12	0 44	0 42	1 58	2 12	13 41	11 31	11 18	3 0		n.a.
W16	23 16	17 8	4 59	17 0	4 2	22 44	0 11	24 30	1 12	22 36	0 5	16 5	2 1	18 12	0 44	0 42	1 58	2 12	13 42	11 35	11 19	2 58		n.a.
T 17	23 20	18 53	4 39	17 11	3 54	22 56	0 13	24 27	1 12	22 38	0 5	16 3	2 1	18 12	0 44	0 42	1 58	2 12	13 42	11 39	11 20	2 56		n.a.
F 18	23 24	19 32	4 4	17 24	3 44	23 7	0 16	24 23	1 12	22 40	0 5	16 2	2 1	18 13	0 44	0 42	1 58	2 12	13 42	11 42	11 21	2 54		n.a.
S 19	23 28	19 5	3 17	17 38	3 33	23 17	0 18	24 20	1 12	22 41	0 5	16 0	2 1	18 13	0 44	0 42	1 58	2 12	13 42	11 45	11 22	2 52		n.a.
S 20	23 32	17 39	2 20	17 54	3 22	23 27	0 20	24 16	1 12	22 43	0 5	15 58	2 1	18 13	0 44	0 42	1 57	2 12	13 42	11 47	11 23	2 50		n.a.
M21	23 35	15 24	1 18	18 12	3 10	23 36	0 22	24 12	1 12	22 45	0 5	15 56	2 0	18 14	0 44	0 42	1 57	2 11	13 43	11 48	11 25	2 48		n.a.
T 22	23 37	12 30	0 14	18 31	2 57	23 45	0 25	24 8	1 12	22 46	0 5	15 55	2 0	18 14	0 44	0 42	1 57	2 11	13 43	11 49	11 26	2 46		n.a.
W23	23 39	9 8	0n50	18 52	2 44	23 52	0 27	24 4	1 12	22 48	0 5	15 53	2 0	18 15	0 44	0 41	1 57	2 11	13 43	11 48	11 27	2 44		n.a.
T 24	23 41	5 26	1 51	19 14	2 31	23 59	0 29	23 59	1 12	22 50	0 5	15 51	2 0	18 15	0 44	0 41	1 57	2 11	13 43	11 48	11 28	2 42		n.a.
F 25	23 43	1 33	2 47	19 36	2 17	24 6	0 31	23 55	1 12	22 51	0 5	15 49	2 0	18 16	0 44	0 41	1 57	2 11	13 43	11 48	11 29	2 40		n.a.
S 26	23 43	2s25	3 36	20 0	2 3	24 11	0 34	23 50	1 12	22 53	0 4	15 47	2 0	18 16	0 45	0 41	1 57	2 11	13 44	11 49	11 30	2 38		n.a.
S 27	23 44	6 19	4 17	20 24	1 49	24 16	0 36	23 45	1 12	22 54	0 4	15 46	2 0	18 17	0 45	0 41	1 57	2 11	13 44	11 50	11 31	2 36		n.a.
M28	23 44	10 2	4 46	20 48	1 35	24 20	0 38	23 40	1 12	22 56	0 4	15 44	2 0	18 17	0 45	0 41	1 57	2 11	13 44	11 52	11 32	2 34		n.a.
T 29	23 44	13 23	5 2	21 12	1 21	24 23	0 40	23 34	1 12	22 57	0 4	15 42	2 0	18 18	0 45	0 41	1 57	2 11	13 44	11 55	11 34	2 32		n.a.
W30	23n43	16s12	5n 4	21n37	1s 6	24n26	0n42	23n29	1n12	22n59	0s 4	15n40	1n59	18s18	0s45	0n40	1n57	2s11	13s45	11n58	11n35	2n30		n.a.

Julian Day Number = 1594467.5, Delta T = 04h03m06s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'17, Lahiri = - 8°45'16 Julian Calendar 1 June 348 BCE == Greg. Calendar 27 May 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

JULY 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 16 44	3♋ 9'21	16♐56	15♊ 1	0♋48	20♋ 7	16♊46	23♌47	11°R20	2♎46	27♈19	28°R50	0♍ 2	29♍39	n.a.	T 1
F 2	18 20 41	4° 6'43	0♑19	16°32	2° 2	20°45	16°59	23°52	11♒18	2°46	27°20	28♌41	29♌59	29°46	n.a.	F 2
S 3	18 24 37	5° 4'06	14° 0	18° 7	3°16	21°23	17°12	23°58	11°16	2°47	27°20	28°34	29°56	29°53	n.a.	S 3
S 4	18 28 34	6° 1'30	27°53	19°46	4°30	22° 1	17°25	24° 3	11°14	2°47	27°21	28°28	29°53	29°59	n.a.	S 4
M 5	18 32 31	6°58'55	11♒56	21°29	5°44	22°39	17°38	24° 9	11°12	2°48	27°22	28°25	29°49	0♎ 6	n.a.	M 5
T 6	18 36 27	7°56'22	26° 5	23°15	6°58	23°17	17°51	24°15	11°11	2°48	27°22	28°D24	29°46	0°13	n.a.	T 6
W 7	18 40 24	8°53'50	10♓16	25° 5	8°13	23°55	18° 4	24°21	11° 9	2°49	27°23	28°24	29°43	0°19	n.a.	W 7
T 8	18 44 20	9°51'20	24°29	26°58	9°27	24°33	18°17	24°27	11° 7	2°49	27°23	28°25	29°40	0°26	n.a.	T 8
F 9	18 48 17	10°48'51	8♈40	28°52	10°41	25°11	18°30	24°33	11° 5	2°50	27°24	28°R26	29°37	0°33	n.a.	F 9
S 10	18 52 13	11°46'24	22°48	0♋50	11°55	25°49	18°43	24°39	11° 3	2°51	27°24	28°25	29°33	0°39	n.a.	S 10
S 11	18 56 10	12°43'58	6♉51	2°48	13° 9	26°27	18°56	24°45	11° 1	2°51	27°25	28°23	29°30	0°46	n.a.	S 11
M12	19 0 6	13°41'34	20°48	4°48	14°23	27° 5	19° 9	24°51	10°59	2°52	27°25	28°19	29°27	0°53	n.a.	M12
T 13	19 4 3	14°39'12	4♊37	6°50	15°38	27°43	19°21	24°57	10°57	2°53	27°26	28°13	29°24	0°59	n.a.	T 13
W14	19 8 0	15°36'51	18°15	8°51	16°52	28°21	19°34	25° 3	10°55	2°54	27°26	28° 6	29°21	1° 6	n.a.	W14
T 15	19 11 56	16°34'32	1♋39	10°54	18° 6	29° 0	19°47	25° 9	10°53	2°54	27°26	27°59	29°18	1°13	n.a.	T 15
F 16	19 15 53	17°32'14	14°49	12°56	19°20	29°38	20° 0	25°16	10°50	2°55	27°27	27°53	29°14	1°19	n.a.	F 16
S 17	19 19 49	18°29'58	27°42	14°58	20°35	0♌16	20°12	25°22	10°48	2°56	27°27	27°48	29°11	1°26	n.a.	S 17
S 18	19 23 46	19°27'43	10♌19	17° 0	21°49	0°54	20°25	25°28	10°46	2°57	27°27	27°45	29° 8	1°33	n.a.	S 18
M19	19 27 42	20°25'29	22°40	19° 1	23° 3	1°33	20°37	25°35	10°44	2°58	27°28	27°D43	29° 5	1°39	n.a.	M19
T 20	19 31 39	21°23'17	4♍48	21° 1	24°18	2°11	20°50	25°41	10°42	2°59	27°28	27°43	29° 2	1°46	n.a.	T 20
W21	19 35 35	22°21'06	16°45	23° 1	25°32	2°49	21° 2	25°48	10°39	3° 0	27°28	27°45	28°59	1°53	n.a.	W21
T 22	19 39 32	23°18'57	28°36	24°59	26°47	3°28	21°14	25°54	10°37	3° 1	27°29	27°46	28°55	1°59	n.a.	T 22
F 23	19 43 29	24°16'49	10♎25	26°56	28° 1	4° 6	21°27	26° 1	10°35	3° 2	27°29	27°48	28°52	2° 6	n.a.	F 23
S 24	19 47 25	25°14'42	22°18	28°53	29°15	4°44	21°39	26° 7	10°33	3° 3	27°29	27°R49	28°49	2°13	n.a.	S 24
S 25	19 51 22	26°12'36	4♏18	0♌48	0♌30	5°23	21°51	26°14	10°30	3° 4	27°29	27°48	28°46	2°19	n.a.	S 25
M26	19 55 18	27°10'33	16°31	2°42	1°44	6° 1	22° 3	26°21	10°28	3° 5	27°29	27°47	28°43	2°26	n.a.	M26
T 27	19 59 15	28° 8'30	29° 1	4°34	2°59	6°39	22°15	26°28	10°26	3° 6	27°29	27°44	28°39	2°33	n.a.	T 27
W28	20 3 11	29° 6'29	11♐52	6°26	4°13	7°18	22°27	26°34	10°23	3° 8	27°30	27°40	28°36	2°39	n.a.	W28
T 29	20 7 8	0♌ 4'30	25° 5	8°16	5°27	7°56	22°39	26°41	10°21	3° 9	27°30	27°36	28°33	2°46	n.a.	T 29
F 30	20 11 4	1° 2'32	8♑41	10° 4	6°42	8°35	22°51	26°48	10°19	3°10	27°30	27°32	28°30	2°53	n.a.	F 30
S 31	20 15 1	2♌ 0'36	22♑38	11♌52	7♌56	9♌13	23♊ 3	26♌55	10♒16	3♎11	27♈30	27♌28	28♌27	2♎59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n42	18s16	4n50	22n 1	0s52	24n28	0n44	23n23	1n12	23n 0	0s 4	15n38	1n59	18s19	0s45	0n40	1n57	2s11	13s45	12n 1	11n36	2n28			n.a.
F 2	23 40	19 23	4 21	22 24	0 39	24 29	0 46	23 17	1 11	23 2	0 4	15 36	1 59	18 19	0 45	0 40	1 57	2 11	13 45	12 4	11 37	2 26			n.a.
S 3	23 38	19 25	3 35	22 47	0 25	24 30	0 48	23 11	1 11	23 3	0 4	15 34	1 59	18 20	0 45	0 40	1 57	2 11	13 45	12 7	11 38	2 24			n.a.
S 4	23 36	18 17	2 37	23 8	0 12	24 29	0 50	23 5	1 11	23 4	0 4	15 32	1 59	18 20	0 45	0 39	1 57	2 11	13 45	12 9	11 39	2 22			n.a.
M 5	23 33	16 1	1 28	23 28	0n 0	24 28	0 52	22 59	1 11	23 6	0 4	15 30	1 59	18 21	0 45	0 39	1 57	2 11	13 46	12 10	11 40	2 20			n.a.
T 6	23 30	12 47	0 13	23 46	0 13	24 27	0 54	22 52	1 11	23 7	0 3	15 28	1 59	18 21	0 45	0 39	1 56	2 11	13 46	12 11	11 42	2 18			n.a.
W 7	23 26	8 47	1s 4	24 3	0 24	24 24	0 56	22 45	1 11	23 8	0 3	15 26	1 59	18 22	0 45	0 39	1 56	2 11	13 46	12 11	11 43	2 16			n.a.
T 8	23 22	4 18	2 16	24 17	0 35	24 21	0 57	22 39	1 11	23 9	0 3	15 24	1 59	18 22	0 45	0 38	1 56	2 11	13 46	12 10	11 44	2 14			n.a.
F 9	23 17	0n25	3 20	24 29	0 45	24 17	0 59	22 31	1 11	23 11	0 3	15 22	1 59	18 23	0 45	0 38	1 56	2 11	13 47	12 10	11 45	2 12			n.a.
S 10	23 12	5 5	4 12	24 39	0 55	24 12	1 1	22 24	1 11	23 12	0 3	15 20	1 59	18 23	0 45	0 38	1 56	2 11	13 47	12 10	11 46	2 10			n.a.
S 11	23 7	9 27	4 48	24 46	1 3	24 7	1 2	22 17	1 11	23 13	0 3	15 18	1 58	18 24	0 45	0 37	1 56	2 11	13 47	12 11	11 47	2 8			n.a.
M12	23 1	13 15	5 6	24 50	1 11	24 0	1 4	22 9	1 11	23 14	0 3	15 15	1 58	18 25	0 45	0 37	1 56	2 11	13 47	12 12	11 48	2 6			n.a.
T 13	22 55	16 18	5 7	24 52	1 18	23 53	1 5	22 2	1 11	23 15	0 3	15 13	1 58	18 25	0 45	0 37	1 56	2 11	13 48	12 14	11 49	2 4			n.a.
W14	22 48	18 23	4 50	24 51	1 25	23 46	1 7	21 54	1 10	23 17	0 3	15 11	1 58	18 26	0 45	0 36	1 56	2 12	13 48	12 17	11 51	2 2			n.a.
T 15	22 42	19 26	4 18	24 47	1 30	23 37	1 8	21 46	1 10	23 18	0 3	15 9	1 58	18 26	0 45	0 36	1 56	2 12	13 48	12 19	11 52	2 0			n.a.
F 16	22 34	19 23	3 32	24 40	1 35	23 28	1 10	21 37	1 10	23 19	0 2	15 7	1 58	18 27	0 45	0 36	1 56	2 12	13 48	12 21	11 53	1 58			n.a.
S 17	22 26	18 20	2 36	24 31	1 39	23 18	1 11	21 29	1 10	23 20	0 2	15 4	1 58	18 28	0 45	0 35	1 56	2 12	13 49	12 23	11 54	1 56			n.a.
S 18	22 18	16 23	1 33	24 19	1 42	23 8	1 12	21 21	1 10	23 21	0 2	15 2	1 58	18 28	0 45	0 35	1 56	2 12	13 49	12 24	11 55	1 54			n.a.
M19	22 10	13 42	0 28	24 5	1 44	22 57	1 14	21 12	1 10	23 22	0 2	15 0	1 58	18 29	0 45	0 34	1 56	2 12	13 49	12 25	11 56	1 52			n.a.
T 20	22 1	10 28	0n39	23 49	1 46	22 45	1 15	21 3	1 10	23 23	0 2	14 58	1 58	18 29	0 45	0 34	1 56	2 12	13 49	12 25	11 57	1 50			n.a.
W21	21 51	6 51	1 42	23 30	1 47	22 32	1 16	20 54	1 10	23 24	0 2	14 55	1 58	18 30	0 45	0 33	1 56	2 12	13 50	12 24	11 58	1 48			n.a.
T 22	21 42	3 1	2 41	23 9	1 47	22 19	1 17	20 45	1 10	23 25	0 2	14 53	1 58	18 31	0 45	0 33	1 56	2 13	13 50	12 24	12 0	1 46			n.a.
F 23	21 31	0s55	3 33	22 47	1 47	22 5	1 18	20 36	1 10	23 26	0 2	14 51	1 58	18 31	0 45	0 33	1 55	2 13	13 50	12 23	12 1	1 44			n.a.
S 24	21 21	4 50	4 15	22 22	1 46	21 51	1 19	20 26	1 9	23 27	0 2	14 48	1 58	18 32	0 45	0 32	1 55	2 13	13 50	12 23	12 2	1 42			n.a.
S 25	21 10	8 36	4 48	21 56	1 45	21 35	1 20	20 17	1 9	23 27	0 1	14 46	1 58	18 33	0 45	0 32	1 55	2 13	13 51	12 23	12 3	1 40			n.a.
M26	20 59	12 4	5 7	21 28	1 43	21 20	1 20	20 7	1 9	23 28	0 1	14 44	1 58	18 33	0 45	0 31	1 55	2 13	13 51	12 24	12 4	1 38			n.a.
T 27	20 47	15 5	5 13	20 59	1 40	21 3	1 21	19 57	1 9	23 29	0 1	14 41	1 58	18 34	0 45	0 31	1 55	2 13	13 51	12 25	12 5	1 36			n.a.
W28	20 35	17 28	5 4	20 28	1 37	20 46	1 22	19 47	1 9	23 30	0 1	14 39	1 57	18 35	0 45	0 30	1 55	2 14	13 52	12 26	12 6	1 34			n.a.
T 29	20 23	19 0	4 38	19 56	1 34	20 28	1 23	19 37	1 9	23 31	0 1	14 36	1 57	18 35	0 45	0 29	1 55	2 14	13 52	12 27	12 7	1 32			n.a.
F 30	20 10	19 31	3 57	19 23	1 30	20 10	1 23	19 27	1 9	23 31	0 1	14 34	1 57	18 36	0 45	0 29	1 55	2 14	13 52	12 29	12 8	1 30			n.a.
S 31	19n57	18s51	3n 0	18n49	1n26	19n51	1n24	19n16	1n 8	23n32	0s 1	14n32	1n57	18s37	0s45	0n28	1n55	2s14	13s52	12n30	12n10	1n28			n.a.

Julian Day Number = 1594497.5, Delta T = 04h03m04s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'13, Lahiri = - 8°45'12 Julian Calendar 1 July 348 BCE == Greg. Calendar 26 June 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

AUGUST 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 18 58	2♌58'42	6♒54	13♌38	9♌11	9♌52	23♊15	27♌ 2	10°R14	3♎13	27♈30	27°R26	28♌24	3♎ 6	n.a.	S 1
M 2	20 22 54	3°56'49	21°22	15°23	10°25	10°30	23°26	27° 9	10♒12	3°14	27°R30	27°D25	28°20	3°13	n.a.	M 2
T 3	20 26 51	4°54'58	5♓57	17° 7	11°40	11° 9	23°38	27°16	10° 9	3°15	27°30	27♌25	28°17	3°19	n.a.	T 3
W 4	20 30 47	5°53'10	20°34	18°50	12°55	11°48	23°50	27°23	10° 7	3°17	27°30	27°26	28°14	3°26	n.a.	W 4
T 5	20 34 44	6°51'23	5♈ 6	20°31	14° 9	12°26	24° 1	27°30	10° 4	3°18	27°30	27°27	28°11	3°33	n.a.	T 5
F 6	20 38 40	7°49'38	19°30	22°11	15°24	13° 5	24°12	27°37	10° 2	3°20	27°30	27°29	28° 8	3°39	n.a.	F 6
S 7	20 42 37	8°47'56	3♉42	23°50	16°38	13°44	24°24	27°44	10° 0	3°21	27°30	27°R29	28° 5	3°46	n.a.	S 7
S 8	20 46 33	9°46'16	17°41	25°28	17°53	14°22	24°35	27°51	9°57	3°22	27°30	27°29	28° 1	3°53	n.a.	S 8
M 9	20 50 30	10°44'38	1♊25	27° 5	19° 7	15° 1	24°46	27°58	9°55	3°24	27°29	27°28	27°58	3°59	n.a.	M 9
T 10	20 54 27	11°43'03	14°55	28°40	20°22	15°40	24°57	28° 5	9°52	3°25	27°29	27°27	27°55	4° 6	n.a.	T 10
W11	20 58 23	12°41'30	28° 9	0♍15	21°37	16°19	25° 8	28°12	9°50	3°27	27°29	27°25	27°52	4°13	n.a.	W11
T 12	21 2 20	13°39'59	11♋10	1°48	22°51	16°58	25°19	28°19	9°48	3°29	27°29	27°23	27°49	4°19	n.a.	T 12
F 13	21 6 16	14°38'30	23°57	3°21	24° 6	17°36	25°30	28°27	9°45	3°30	27°29	27°21	27°45	4°26	n.a.	F 13
S 14	21 10 13	15°37'03	6♌31	4°52	25°21	18°15	25°41	28°34	9°43	3°32	27°28	27°20	27°42	4°33	n.a.	S 14
S 15	21 14 9	16°35'38	18°52	6°22	26°35	18°54	25°52	28°41	9°40	3°34	27°28	27°19	27°39	4°39	n.a.	S 15
M16	21 18 6	17°34'16	1♍ 2	7°51	27°50	19°33	26° 2	28°48	9°38	3°35	27°28	27°D19	27°36	4°46	n.a.	M16
T 17	21 22 2	18°32'55	13° 3	9°18	29° 5	20°12	26°13	28°56	9°36	3°37	27°28	27°19	27°33	4°53	n.a.	T 17
W18	21 25 59	19°31'36	24°57	10°45	0♍19	20°51	26°23	29° 3	9°33	3°39	27°27	27°20	27°30	4°59	n.a.	W18
T 19	21 29 55	20°30'19	6♎46	12°10	1°34	21°30	26°33	29°10	9°31	3°40	27°27	27°21	27°26	5° 6	n.a.	T 19
F 20	21 33 52	21°29'04	18°35	13°35	2°49	22° 9	26°44	29°17	9°29	3°42	27°27	27°21	27°23	5°13	n.a.	F 20
S 21	21 37 49	22°27'50	0♏27	14°58	4° 3	22°48	26°54	29°25	9°26	3°44	27°26	27°22	27°20	5°19	n.a.	S 21
S 22	21 41 45	23°26'39	12°25	16°20	5°18	23°27	27° 4	29°32	9°24	3°46	27°26	27°22	27°17	5°26	n.a.	S 22
M23	21 45 42	24°25'30	24°36	17°40	6°33	24° 6	27°14	29°39	9°22	3°48	27°25	27°R22	27°14	5°33	n.a.	M23
T 24	21 49 38	25°24'22	7♐ 3	19° 0	7°47	24°46	27°23	29°47	9°19	3°49	27°25	27°22	27°11	5°40	n.a.	T 24
W25	21 53 35	26°23'16	19°50	20°18	9° 2	25°25	27°33	29°54	9°17	3°51	27°24	27°22	27° 7	5°46	n.a.	W25
T 26	21 57 31	27°22'12	3♑ 2	21°34	10°17	26° 4	27°43	0♍ 1	9°15	3°53	27°24	27°D22	27° 4	5°53	n.a.	T 26
F 27	22 1 28	28°21'11	16°39	22°49	11°31	26°43	27°52	0° 9	9°13	3°55	27°23	27°22	27° 1	6° 0	n.a.	F 27
S 28	22 5 24	29°20'11	0♒42	24° 3	12°46	27°22	28° 2	0°16	9°10	3°57	27°23	27°22	26°58	6° 6	n.a.	S 28
S 29	22 9 21	0♍19'12	15° 9	25°14	14° 1	28° 2	28°11	0°23	9° 8	3°59	27°22	27°22	26°55	6°13	n.a.	S 29
M30	22 13 18	1°18'16	29°54	26°24	15°16	28°41	28°20	0°31	9° 6	4° 1	27°22	27°R23	26°51	6°20	n.a.	M30
T 31	22 17 14	2♍17'22	14♓52	27♍32	16♍30	29♌20	28♊29	0♍38	9♒ 4	4♎ 3	27♈21	27♌22	26♌48	6♎26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	19n44	17s 0	1n51	18n14	1n21	19n32	1n24	19n 5	1n 8	23n33	0s 1	14n29	1n57	18s37	0s45	0n28	1n55	2s15	13s53	12n31	12n11	1n26			n.a.
M 2	19 30	14 2	0 33	17 38	1 17	19 12	1 24	18 55	1 8	23 34	0 1	14 27	1 57	18 38	0 45	0 27	1 55	2 15	13 53	12 31	12 12	1 24			n.a.
T 3	19 16	10 10	0s47	17 2	1 11	18 51	1 25	18 44	1 8	23 34	0 1	14 24	1 57	18 39	0 45	0 27	1 55	2 15	13 53	12 31	12 13	1 22			n.a.
W 4	19 2	5 41	2 4	16 24	1 6	18 30	1 25	18 33	1 8	23 35	0 0	14 22	1 57	18 39	0 45	0 26	1 55	2 15	13 53	12 31	12 14	1 20			n.a.
T 5	18 47	0 54	3 13	15 47	1 0	18 9	1 25	18 22	1 8	23 36	0 0	14 19	1 57	18 40	0 45	0 25	1 55	2 16	13 54	12 30	12 15	1 18			n.a.
F 6	18 32	3n53	4 9	15 8	0 54	17 46	1 25	18 10	1 8	23 36	0 0	14 17	1 57	18 41	0 45	0 25	1 55	2 16	13 54	12 30	12 16	1 16			n.a.
S 7	18 17	8 22	4 49	14 29	0 48	17 24	1 25	17 59	1 7	23 37	0 0	14 14	1 57	18 41	0 45	0 24	1 55	2 16	13 54	12 30	12 17	1 14			n.a.
S 8	18 1	12 20	5 11	13 50	0 41	17 1	1 25	17 47	1 7	23 37	0n 0	14 12	1 57	18 42	0 45	0 24	1 55	2 16	13 54	12 30	12 18	1 12			n.a.
M 9	17 45	15 33	5 15	13 11	0 35	16 37	1 25	17 36	1 7	23 38	0 0	14 9	1 57	18 43	0 45	0 23	1 55	2 17	13 55	12 30	12 20	1 10			n.a.
T 10	17 29	17 52	5 2	12 31	0 28	16 13	1 25	17 24	1 7	23 38	0 0	14 7	1 57	18 43	0 45	0 22	1 55	2 17	13 55	12 31	12 21	1 8			n.a.
W11	17 12	19 11	4 32	11 51	0 21	15 49	1 25	17 12	1 7	23 39	0 0	14 4	1 57	18 44	0 45	0 22	1 54	2 17	13 55	12 31	12 22	1 6			n.a.
T 12	16 56	19 28	3 49	11 10	0 14	15 24	1 25	17 0	1 6	23 40	0 0	14 2	1 57	18 45	0 45	0 21	1 54	2 17	13 55	12 32	12 23	1 4			n.a.
F 13	16 39	18 43	2 55	10 30	0 6	14 59	1 24	16 48	1 6	23 40	0 1	13 59	1 57	18 45	0 45	0 20	1 54	2 18	13 56	12 33	12 24	1 2			n.a.
S 14	16 21	17 3	1 53	9 50	0s 1	14 33	1 24	16 36	1 6	23 41	0 1	13 57	1 57	18 46	0 45	0 19	1 54	2 18	13 56	12 33	12 25	1 0			n.a.
S 15	16 3	14 37	0 47	9 9	0 9	14 7	1 23	16 23	1 6	23 41	0 1	13 54	1 57	18 46	0 45	0 19	1 54	2 18	13 56	12 33	12 26	0 58			n.a.
M16	15 45	11 34	0n21	8 29	0 16	13 40	1 23	16 11	1 6	23 41	0 1	13 52	1 57	18 47	0 45	0 18	1 54	2 19	13 56	12 33	12 27	0 56			n.a.
T 17	15 27	8 4	1 26	7 48	0 24	13 13	1 22	15 58	1 6	23 42	0 1	13 49	1 57	18 48	0 45	0 17	1 54	2 19	13 57	12 33	12 28	0 54			n.a.
W18	15 9	4 17	2 28	7 8	0 32	12 46	1 22	15 45	1 5	23 42	0 1	13 47	1 57	18 48	0 45	0 17	1 54	2 19	13 57	12 33	12 30	0 52			n.a.
T 19	14 50	0 22	3 22	6 28	0 40	12 18	1 21	15 32	1 5	23 43	0 1	13 44	1 57	18 49	0 45	0 16	1 54	2 20	13 57	12 33	12 31	0 50			n.a.
F 20	14 31	3s33	4 8	5 48	0 48	11 50	1 20	15 19	1 5	23 43	0 1	13 41	1 57	18 50	0 45	0 15	1 54	2 20	13 57	12 32	12 32	0 48			n.a.
S 21	14 12	7 21	4 43	5 8	0 56	11 22	1 19	15 6	1 5	23 43	0 1	13 39	1 57	18 50	0 45	0 14	1 54	2 20	13 58	12 32	12 33	0 46			n.a.
S 22	13 52	10 53	5 7	4 29	1 4	10 54	1 18	14 53	1 5	23 44	0 2	13 36	1 57	18 51	0 45	0 14	1 54	2 21	13 58	12 32	12 34	0 44			n.a.
M23	13 33	14 1	5 17	3 50	1 11	10 25	1 17	14 40	1 4	23 44	0 2	13 34	1 57	18 51	0 45	0 13	1 54	2 21	13 58	12 32	12 35	0 42			n.a.
T 24	13 13	16 36	5 13	3 12	1 19	9 56	1 16	14 26	1 4	23 44	0 2	13 31	1 57	18 52	0 45	0 12	1 54	2 22	13 58	12 32	12 36	0 40			n.a.
W25	12 52	18 28	4 54	2 33	1 27	9 26	1 15	14 13	1 4	23 45	0 2	13 28	1 57	18 53	0 45	0 11	1 54	2 22	13 59	12 32	12 37	0 38			n.a.
T 26	12 32	19 24	4 18	1 56	1 35	8 57	1 14	13 59	1 4	23 45	0 2	13 26	1 57	18 53	0 45	0 11	1 54	2 22	13 59	12 32	12 38	0 36			n.a.
F 27	12 12	19 15	3 28	1 19	1 43	8 27	1 13	13 45	1 3	23 45	0 2	13 23	1 58	18 54	0 45	0 10	1 54	2 23	13 59	12 32	12 39	0 34			n.a.
S 28	11 51	17 55	2 23	0 42	1 51	7 57	1 12	13 31	1 3	23 46	0 2	13 21	1 58	18 54	0 45	0 9	1 54	2 23	13 59	12 32	12 41	0 32			n.a.
S 29	11 30	15 25	1 7	0 6	1 58	7 26	1 10	13 17	1 3	23 46	0 2	13 18	1 58	18 55	0 45	0 8	1 54	2 23	13 59	12 32	12 42	0 30			n.a.
M30	11 9	11 52	0s14	0s29	2 6	6 56	1 9	13 3	1 3	23 46	0 3	13 16	1 58	18 56	0 45	0 7	1 54	2 24	14 0	12 32	12 43	0 28			n.a.
T 31	10n47	7s30	1s36	1s 3	2s13	6n25	1n 7	12n49	1n 3	23n46	0n 3	13n13	1n58	18s56	0s45	0n 7	1n54	2s24	14s 0	12n32	12n44	0n26			n.a.

Julian Day Number = 1594528.5, Delta T = 04h03m03s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'08, Lahiri = - 8°45'08 Julian Calendar 1 Aug. 348 BCE == Greg. Calendar 27 July 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

SEPTEMBER 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 21 11	3♍16'31	29♓54	28♍39	17♍45	29♌59	28♊38	0♍45	9°R 2	4♎ 5	27°R21	27°R22	26♌45	6♎33	n.a.	W 1
T 2	22 25 7	4°15'41	14♈50	29°42	19° 0	0♍39	28°47	0°53	9♒ 0	4° 7	27♈20	27♌21	26°42	6°40	n.a.	T 2
F 3	22 29 4	5°14'54	29°35	0♎44	20°14	1°18	28°55	1° 0	8°58	4° 9	27°19	27°20	26°39	6°46	n.a.	F 3
S 4	22 33 0	6°14'09	14♉ 1	1°43	21°29	1°58	29° 4	1° 7	8°55	4°11	27°19	27°20	26°36	6°53	n.a.	S 4
S 5	22 36 57	7°13'27	28° 6	2°39	22°44	2°37	29°12	1°15	8°53	4°13	27°18	27°19	26°32	7° 0	n.a.	S 5
M 6	22 40 53	8°12'47	11♊49	3°33	23°58	3°17	29°21	1°22	8°51	4°15	27°18	27°D19	26°29	7° 6	n.a.	M 6
T 7	22 44 50	9°12'10	25°10	4°22	25°13	3°56	29°29	1°29	8°49	4°17	27°17	27°19	26°26	7°13	n.a.	T 7
W 8	22 48 46	10°11'35	8♋11	5° 9	26°28	4°36	29°37	1°37	8°48	4°19	27°16	27°20	26°23	7°20	n.a.	W 8
T 9	22 52 43	11°11'03	20°54	5°51	27°43	5°16	29°45	1°44	8°46	4°21	27°15	27°21	26°20	7°26	n.a.	T 9
F 10	22 56 40	12°10'33	3♌23	6°29	28°57	5°55	29°53	1°51	8°44	4°23	27°15	27°23	26°16	7°33	n.a.	F 10
S 11	23 0 36	13°10'05	15°39	7° 3	0♎12	6°35	0♋ 0	1°58	8°42	4°25	27°14	27°24	26°13	7°40	n.a.	S 11
S 12	23 4 33	14° 9'40	27°46	7°31	1°27	7°15	0° 8	2° 6	8°40	4°27	27°13	27°R24	26°10	7°46	n.a.	S 12
M13	23 8 29	15° 9'17	9♍46	7°54	2°41	7°55	0°15	2°13	8°38	4°30	27°12	27°24	26° 7	7°53	n.a.	M13
T 14	23 12 26	16° 8'55	21°40	8°10	3°56	8°34	0°22	2°20	8°36	4°32	27°11	27°22	26° 4	8° 0	n.a.	T 14
W15	23 16 22	17° 8'36	3♎30	8°20	5°11	9°14	0°29	2°27	8°35	4°34	27°11	27°20	26° 1	8° 6	n.a.	W15
T 16	23 20 19	18° 8'19	15°19	8°R23	6°26	9°54	0°36	2°34	8°33	4°36	27°10	27°16	25°57	8°13	n.a.	T 16
F 17	23 24 15	19° 8'04	27° 9	8°18	7°40	10°34	0°43	2°41	8°31	4°38	27° 9	27°13	25°54	8°20	n.a.	F 17
S 18	23 28 12	20° 7'51	9♏ 2	8° 4	8°55	11°14	0°50	2°49	8°30	4°40	27° 8	27° 9	25°51	8°26	n.a.	S 18
S 19	23 32 8	21° 7'40	21° 1	7°43	10°10	11°54	0°56	2°56	8°28	4°43	27° 7	27° 6	25°48	8°33	n.a.	S 19
M20	23 36 5	22° 7'30	3♐11	7°12	11°24	12°34	1° 3	3° 3	8°27	4°45	27° 6	27° 3	25°45	8°40	n.a.	M20
T 21	23 40 2	23° 7'23	15°34	6°32	12°39	13°14	1° 9	3°10	8°25	4°47	27° 5	27° 2	25°42	8°47	n.a.	T 21
W22	23 43 58	24° 7'17	28°15	5°44	13°54	13°54	1°15	3°17	8°24	4°49	27° 5	27°D 1	25°38	8°53	n.a.	W22
T 23	23 47 55	25° 7'13	11♑18	4°48	15° 8	14°34	1°21	3°24	8°22	4°51	27° 4	27° 2	25°35	9° 0	n.a.	T 23
F 24	23 51 51	26° 7'11	24°47	3°44	16°23	15°14	1°27	3°31	8°21	4°54	27° 3	27° 4	25°32	9° 7	n.a.	F 24
S 25	23 55 48	27° 7'11	8♒42	2°34	17°38	15°54	1°32	3°38	8°19	4°56	27° 2	27° 5	25°29	9°13	n.a.	S 25
S 26	23 59 44	28° 7'12	23° 5	1°20	18°52	16°34	1°37	3°45	8°18	4°58	27° 1	27°R 6	25°26	9°20	n.a.	S 26
M27	0 3 41	29° 7'15	7♓53	0° 3	20° 7	17°14	1°43	3°52	8°17	5° 0	27° 0	27° 6	25°22	9°27	n.a.	M27
T 28	0 7 37	0♎ 7'20	22°59	28♍46	21°21	17°54	1°48	3°58	8°16	5° 3	26°59	27° 4	25°19	9°33	n.a.	T 28
W29	0 11 34	1° 7'27	8♈15	27°32	22°36	18°35	1°53	4° 5	8°15	5° 5	26°58	27° 0	25°16	9°40	n.a.	W29
T 30	0 15 31	2♎ 7'35	23♈31	26♍21	23♎51	19♍15	1♋57	4♍12	8♒13	5♎ 7	26♈57	26♌56	25♌13	9♎47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n26	2s39	2s51	1s36	2s20	5n54	1n 6	12n35	1n 2	23n46	0n 3	13n10	1n58	18s57	0s45	0n 6	1n54	2s25	14s 0	12n32	12n45	0n24		n.a.
T 2	10 4	2n19	3 54	2 8	2 27	5 23	1 4	12 21	1 2	23 47	0 3	13 8	1 58	18 57	0 45	0 5	1 54	2 25	14 0	12 32	12 46	0 21		n.a.
F 3	9 42	7 5	4 41	2 39	2 34	4 52	1 3	12 6	1 2	23 47	0 3	13 5	1 58	18 58	0 45	0 4	1 54	2 25	14 0	12 33	12 47	0 19		n.a.
S 4	9 20	11 20	5 9	3 9	2 41	4 21	1 1	11 52	1 2	23 47	0 3	13 3	1 58	18 58	0 45	0 3	1 54	2 26	14 1	12 33	12 48	0 17		n.a.
S 5	8 58	14 50	5 17	3 37	2 47	3 49	0 59	11 37	1 1	23 47	0 3	13 0	1 58	18 59	0 45	0 2	1 54	2 26	14 1	12 33	12 49	0 15		n.a.
M 6	8 35	17 25	5 7	4 4	2 53	3 18	0 57	11 22	1 1	23 47	0 3	12 57	1 58	18 59	0 45	0 2	1 54	2 27	14 1	12 33	12 50	0 13		n.a.
T 7	8 13	18 58	4 41	4 29	2 58	2 46	0 56	11 8	1 1	23 48	0 4	12 55	1 58	19 0	0 45	0 1	1 54	2 27	14 1	12 33	12 52	0 11		n.a.
W 8	7 50	19 29	4 0	4 52	3 4	2 15	0 54	10 53	1 1	23 48	0 4	12 52	1 58	19 0	0 45	0s 0	1 54	2 28	14 1	12 33	12 53	0 9		n.a.
T 9	7 28	18 59	3 9	5 14	3 8	1 43	0 52	10 38	1 0	23 48	0 4	12 50	1 58	19 1	0 45	0 1	1 53	2 28	14 2	12 32	12 54	0 7		n.a.
F 10	7 5	17 33	2 9	5 33	3 12	1 11	0 50	10 23	1 0	23 48	0 4	12 47	1 58	19 1	0 45	0 2	1 53	2 28	14 2	12 32	12 55	0 5		n.a.
S 11	6 42	15 19	1 5	5 49	3 16	0 39	0 48	10 8	1 0	23 48	0 4	12 45	1 58	19 2	0 45	0 3	1 53	2 29	14 2	12 32	12 56	0 3		n.a.
S 12	6 18	12 26	0n 2	6 3	3 18	0 7	0 46	9 53	1 0	23 48	0 4	12 42	1 59	19 2	0 45	0 4	1 53	2 29	14 2	12 31	12 57	0 1		n.a.
M13	5 55	9 3	1 8	6 14	3 20	0s25	0 44	9 37	0 59	23 48	0 4	12 39	1 59	19 3	0 45	0 5	1 53	2 30	14 2	12 32	12 58	0s 1		n.a.
T 14	5 32	5 20	2 10	6 21	3 21	0 57	0 42	9 22	0 59	23 49	0 4	12 37	1 59	19 3	0 45	0 5	1 53	2 30	14 3	12 32	12 59	0 3		n.a.
W15	5 8	1 26	3 6	6 25	3 21	1 29	0 39	9 7	0 59	23 49	0 5	12 34	1 59	19 4	0 45	0 6	1 53	2 31	14 3	12 33	13 0	0 5		n.a.
T 16	4 45	2s30	3 54	6 25	3 20	2 1	0 37	8 51	0 58	23 49	0 5	12 32	1 59	19 4	0 45	0 7	1 53	2 31	14 3	12 34	13 1	0 7		n.a.
F 17	4 21	6 21	4 32	6 21	3 17	2 33	0 35	8 36	0 58	23 49	0 5	12 29	1 59	19 5	0 45	0 8	1 53	2 32	14 3	12 35	13 2	0 9		n.a.
S 18	3 57	9 58	4 59	6 12	3 14	3 5	0 33	8 20	0 58	23 49	0 5	12 27	1 59	19 5	0 45	0 9	1 53	2 32	14 3	12 37	13 4	0 11		n.a.
S 19	3 34	13 13	5 13	5 58	3 8	3 37	0 30	8 4	0 58	23 49	0 5	12 24	1 59	19 5	0 45	0 10	1 53	2 32	14 3	12 38	13 5	0 13		n.a.
M20	3 10	15 56	5 13	5 39	3 1	4 8	0 28	7 49	0 57	23 49	0 5	12 22	1 59	19 6	0 45	0 11	1 53	2 33	14 3	12 39	13 6	0 15		n.a.
T 21	2 46	18 0	4 58	5 15	2 52	4 40	0 25	7 33	0 57	23 49	0 5	12 19	1 59	19 6	0 45	0 12	1 53	2 33	14 4	12 39	13 7	0 18		n.a.
W22	2 22	19 14	4 29	4 46	2 41	5 12	0 23	7 17	0 57	23 49	0 6	12 17	2 0	19 7	0 45	0 13	1 53	2 34	14 4	12 39	13 8	0 20		n.a.
T 23	1 58	19 30	3 45	4 12	2 28	5 43	0 21	7 1	0 56	23 49	0 6	12 14	2 0	19 7	0 45	0 13	1 53	2 34	14 4	12 39	13 9	0 22		n.a.
F 24	1 34	18 41	2 48	3 33	2 14	6 14	0 18	6 45	0 56	23 49	0 6	12 12	2 0	19 7	0 45	0 14	1 53	2 35	14 4	12 38	13 10	0 24		n.a.
S 25	1 10	16 43	1 39	2 49	1 57	6 46	0 16	6 29	0 56	23 50	0 6	12 9	2 0	19 8	0 45	0 15	1 53	2 35	14 4	12 38	13 11	0 26		n.a.
S 26	0 45	13 39	0 22	2 3	1 39	7 17	0 13	6 13	0 55	23 50	0 6	12 7	2 0	19 8	0 45	0 16	1 53	2 36	14 4	12 38	13 12	0 28		n.a.
M27	0 21	9 37	0s59	1 15	1 20	7 48	0 10	5 57	0 55	23 50	0 6	12 5	2 0	19 8	0 45	0 17	1 53	2 36	14 4	12 38	13 13	0 30		n.a.
T 28	0s 3	4 54	2 17	0 25	1 0	8 18	0 8	5 40	0 55	23 50	0 6	12 2	2 0	19 8	0 45	0 18	1 53	2 36	14 4	12 38	13 14	0 32		n.a.
W29	0 27	0n10	3 26	0n24	0 40	8 49	0 5	5 24	0 54	23 50	0 6	12 0	2 0	19 9	0 45	0 19	1 53	2 37	14 5	12 40	13 15	0 34		n.a.
T 30	0s51	5n13	4s20	1n11	0s19	9s19	0n 3	5n 8	0n54	23n50	0n 7	11n57	2n 1	19s 9	0s45	0s20	1n53	2s37	14s 5	12n41	13n17	0s36		n.a.

Julian Day Number = 1594559.5, Delta T = 04h03m02s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'04, Lahiri = - 8°45'04 Julian Calendar 1 Sept. 348 BCE == Greg. Calendar 27 Aug. 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

OCTOBER 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 19 27	3♎ 7'46	8♉35	25°R18	25♎ 5	19♍55	2♋ 2	4♍19	8°R12	5♎ 9	26°R56	26°R50	25♌10	9♎53	n.a.	F 1
S 2	0 23 24	4° 7'59	23°20	24♍23	26°20	20°36	2° 6	4°26	8♒11	5°12	26♈55	26♌45	25° 7	10° 0	n.a.	S 2
S 3	0 27 20	5° 8'14	7♊39	23°39	27°34	21°16	2°11	4°32	8°10	5°14	26°54	26°41	25° 3	10° 7	n.a.	S 3
M 4	0 31 17	6° 8'32	21°30	23° 5	28°49	21°57	2°15	4°39	8° 9	5°16	26°53	26°38	25° 0	10°13	n.a.	M 4
T 5	0 35 13	7° 8'51	4♋53	22°43	0♏ 3	22°37	2°18	4°45	8° 8	5°18	26°52	26°D37	24°57	10°20	n.a.	T 5
W 6	0 39 10	8° 9'13	17°50	22°D32	1°18	23°17	2°22	4°52	8° 8	5°21	26°50	26°37	24°54	10°27	n.a.	W 6
T 7	0 43 6	9° 9'37	0♌26	22°33	2°33	23°58	2°26	4°59	8° 7	5°23	26°49	26°38	24°51	10°33	n.a.	T 7
F 8	0 47 3	10°10'02	12°45	22°45	3°47	24°39	2°29	5° 5	8° 6	5°25	26°48	26°40	24°48	10°40	n.a.	F 8
S 9	0 51 0	11°10'30	24°51	23° 7	5° 2	25°19	2°32	5°11	8° 5	5°27	26°47	26°R41	24°44	10°47	n.a.	S 9
S 10	0 54 56	12°11'00	6♍48	23°39	6°16	26° 0	2°35	5°18	8° 5	5°30	26°46	26°40	24°41	10°54	n.a.	S 10
M11	0 58 53	13°11'31	18°40	24°19	7°31	26°41	2°38	5°24	8° 4	5°32	26°45	26°38	24°38	11° 0	n.a.	M11
T 12	1 2 49	14°12'05	0♎29	25° 7	8°45	27°21	2°40	5°30	8° 3	5°34	26°44	26°33	24°35	11° 7	n.a.	T 12
W13	1 6 46	15°12'40	12°18	26° 2	10° 0	28° 2	2°43	5°37	8° 3	5°36	26°43	26°25	24°32	11°14	n.a.	W13
T 14	1 10 42	16°13'16	24° 9	27° 2	11°14	28°43	2°45	5°43	8° 2	5°39	26°42	26°16	24°28	11°20	n.a.	T 14
F 15	1 14 39	17°13'55	6♏ 3	28° 8	12°29	29°24	2°47	5°49	8° 2	5°41	26°41	26° 6	24°25	11°27	n.a.	F 15
S 16	1 18 35	18°14'34	18° 2	29°18	13°43	0♎ 4	2°49	5°55	8° 2	5°43	26°39	25°55	24°22	11°34	n.a.	S 16
S 17	1 22 32	19°15'16	0♐ 7	0♎32	14°58	0°45	2°50	6° 1	8° 1	5°45	26°38	25°46	24°19	11°40	n.a.	S 17
M18	1 26 28	20°15'58	12°21	1°49	16°12	1°26	2°52	6° 7	8° 1	5°47	26°37	25°37	24°16	11°47	n.a.	M18
T 19	1 30 25	21°16'42	24°46	3° 9	17°26	2° 7	2°53	6°13	8° 1	5°50	26°36	25°31	24°13	11°54	n.a.	T 19
W20	1 34 22	22°17'28	7♑25	4°32	18°41	2°48	2°54	6°19	8° 1	5°52	26°35	25°28	24° 9	12° 0	n.a.	W20
T 21	1 38 18	23°18'14	20°22	5°56	19°55	3°29	2°55	6°25	8° 1	5°54	26°34	25°D27	24° 6	12° 7	n.a.	T 21
F 22	1 42 15	24°19'02	3♒40	7°22	21°10	4°10	2°55	6°30	8° 0	5°56	26°33	25°27	24° 3	12°14	n.a.	F 22
S 23	1 46 11	25°19'51	17°23	8°50	22°24	4°51	2°56	6°36	8°D 0	5°58	26°32	25°28	24° 0	12°20	n.a.	S 23
S 24	1 50 8	26°20'40	1♓31	10°18	23°38	5°32	2°56	6°42	8° 0	6° 0	26°30	25°R28	23°57	12°27	n.a.	S 24
M25	1 54 4	27°21'31	16° 5	11°48	24°53	6°14	2°R56	6°47	8° 1	6° 2	26°29	25°26	23°53	12°34	n.a.	M25
T 26	1 58 1	28°22'23	1♈ 2	13°18	26° 7	6°55	2°56	6°53	8° 1	6° 5	26°28	25°22	23°50	12°41	n.a.	T 26
W27	2 1 57	29°23'16	16°13	14°49	27°21	7°36	2°56	6°58	8° 1	6° 7	26°27	25°15	23°47	12°47	n.a.	W27
T 28	2 5 54	0♏24'10	1♉31	16°21	28°36	8°17	2°55	7° 3	8° 1	6° 9	26°26	25° 6	23°44	12°54	n.a.	T 28
F 29	2 9 51	1°25'05	16°42	17°52	29°50	8°59	2°54	7° 9	8° 1	6°11	26°25	24°56	23°41	13° 1	n.a.	F 29
S 30	2 13 47	2°26'02	1♊38	19°25	1♐ 4	9°40	2°53	7°14	8° 2	6°13	26°24	24°45	23°38	13° 7	n.a.	S 30
S 31	2 17 44	3♏27'00	16♊ 9	20♎57	2♐18	10♎21	2♋52	7♍19	8♒ 2	6♎15	26♈23	24♌36	23♌34	13♎14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s16	9n52	4s56	1n55	0n 1	9s50	0n 0	4n52	0n54	23n50	0n 7	11n55	2n 1	19s 9	0s44	0s21	1n53	2s38	14s 5	12n43	13n18	0s38		n.a.
S 2	1 40	13 49	5 11	2 34	0 21	10 19	0s 3	4 35	0 53	23 50	0 7	11 53	2 1	19 10	0 44	0 22	1 53	2 38	14 5	12 45	13 19	0 40		n.a.
S 3	2 4	16 50	5 6	3 9	0 39	10 49	0 5	4 19	0 53	23 50	0 7	11 50	2 1	19 10	0 44	0 22	1 53	2 39	14 5	12 47	13 20	0 42		n.a.
M 4	2 28	18 46	4 43	3 38	0 56	11 19	0 8	4 2	0 53	23 50	0 7	11 48	2 1	19 10	0 44	0 23	1 53	2 39	14 5	12 47	13 21	0 44		n.a.
T 5	2 52	19 34	4 5	4 1	1 12	11 48	0 11	3 46	0 52	23 50	0 7	11 46	2 1	19 10	0 44	0 24	1 53	2 40	14 5	12 48	13 22	0 46		n.a.
W 6	3 16	19 18	3 15	4 18	1 25	12 17	0 13	3 29	0 52	23 50	0 8	11 43	2 1	19 10	0 44	0 25	1 53	2 40	14 5	12 48	13 23	0 49		n.a.
T 7	3 40	18 4	2 18	4 28	1 37	12 45	0 16	3 13	0 52	23 50	0 8	11 41	2 2	19 11	0 44	0 26	1 53	2 40	14 5	12 47	13 24	0 51		n.a.
F 8	4 4	16 0	1 15	4 33	1 47	13 13	0 19	2 56	0 51	23 51	0 8	11 39	2 2	19 11	0 44	0 27	1 53	2 41	14 5	12 47	13 25	0 53		n.a.
S 9	4 28	13 15	0 10	4 32	1 56	13 41	0 21	2 40	0 51	23 51	0 8	11 37	2 2	19 11	0 44	0 28	1 53	2 41	14 5	12 46	13 26	0 55		n.a.
S 10	4 52	9 58	0n55	4 25	2 3	14 9	0 24	2 23	0 51	23 51	0 8	11 34	2 2	19 11	0 44	0 29	1 53	2 42	14 5	12 47	13 27	0 57		n.a.
M11	5 16	6 19	1 56	4 14	2 8	14 36	0 27	2 6	0 50	23 51	0 8	11 32	2 2	19 11	0 44	0 30	1 53	2 42	14 5	12 48	13 28	0 59		n.a.
T 12	5 40	2 26	2 52	3 59	2 12	15 3	0 29	1 50	0 50	23 51	0 8	11 30	2 2	19 11	0 44	0 30	1 53	2 42	14 5	12 49	13 29	1 1		n.a.
W13	6 4	1s32	3 41	3 39	2 15	15 30	0 32	1 33	0 49	23 51	0 9	11 28	2 2	19 11	0 44	0 31	1 53	2 43	14 5	12 52	13 31	1 3		n.a.
T 14	6 27	5 28	4 20	3 16	2 16	15 56	0 35	1 16	0 49	23 51	0 9	11 26	2 3	19 11	0 44	0 32	1 53	2 43	14 6	12 55	13 32	1 5		n.a.
F 15	6 51	9 11	4 47	2 50	2 17	16 22	0 37	0 59	0 49	23 51	0 9	11 23	2 3	19 12	0 44	0 33	1 53	2 44	14 6	12 58	13 33	1 7		n.a.
S 16	7 14	12 34	5 3	2 22	2 16	16 47	0 40	0 42	0 48	23 51	0 9	11 21	2 3	19 12	0 44	0 34	1 53	2 44	14 6	13 2	13 34	1 9		n.a.
S 17	7 38	15 28	5 5	1 51	2 15	17 12	0 42	0 26	0 48	23 51	0 9	11 19	2 3	19 12	0 44	0 35	1 53	2 45	14 6	13 5	13 35	1 11		n.a.
M18	8 1	17 43	4 53	1 18	2 13	17 36	0 45	0 9	0 47	23 52	0 9	11 17	2 3	19 12	0 44	0 36	1 53	2 45	14 6	13 8	13 36	1 13		n.a.
T 19	8 24	19 11	4 27	0 43	2 10	18 0	0 48	0s 8	0 47	23 52	0 10	11 15	2 4	19 12	0 44	0 37	1 53	2 45	14 6	13 10	13 37	1 16		n.a.
W20	8 47	19 44	3 48	0 7	2 7	18 24	0 50	0 25	0 47	23 52	0 10	11 13	2 4	19 12	0 44	0 37	1 53	2 46	14 6	13 11	13 38	1 18		n.a.
T 21	9 10	19 16	2 56	0s31	2 3	18 47	0 53	0 42	0 46	23 52	0 10	11 11	2 4	19 12	0 44	0 38	1 53	2 46	14 6	13 12	13 39	1 20		n.a.
F 22	9 32	17 44	1 54	1 9	1 58	19 10	0 55	0 59	0 46	23 52	0 10	11 9	2 4	19 12	0 44	0 39	1 53	2 47	14 6	13 12	13 40	1 22		n.a.
S 23	9 55	15 8	0 43	1 48	1 54	19 32	0 58	1 16	0 45	23 52	0 10	11 7	2 4	19 12	0 44	0 40	1 54	2 47	14 6	13 11	13 41	1 24		n.a.
S 24	10 17	11 34	0s32	2 28	1 49	19 53	1 0	1 32	0 45	23 53	0 10	11 5	2 5	19 12	0 44	0 41	1 54	2 47	14 5	13 11	13 42	1 26		n.a.
M25	10 40	7 12	1 48	3 8	1 43	20 14	1 3	1 49	0 45	23 53	0 11	11 3	2 5	19 12	0 44	0 42	1 54	2 48	14 5	13 12	13 43	1 28		n.a.
T 26	11 2	2 18	2 58	3 49	1 38	20 34	1 5	2 6	0 44	23 53	0 11	11 2	2 5	19 12	0 44	0 42	1 54	2 48	14 5	13 13	13 44	1 30		n.a.
W27	11 24	2n50	3 56	4 30	1 32	20 54	1 7	2 23	0 44	23 53	0 11	11 0	2 5	19 11	0 44	0 43	1 54	2 48	14 5	13 16	13 45	1 32		n.a.
T 28	11 45	7 48	4 38	5 11	1 26	21 14	1 10	2 40	0 43	23 53	0 11	10 58	2 5	19 11	0 44	0 44	1 54	2 49	14 5	13 19	13 47	1 34		n.a.
F 29	12 7	12 15	5 0	5 53	1 19	21 32	1 12	2 57	0 43	23 53	0 11	10 56	2 6	19 11	0 44	0 45	1 54	2 49	14 5	13 22	13 48	1 36		n.a.
S 30	12 28	15 50	5 1	6 34	1 13	21 50	1 14	3 14	0 42	23 54	0 11	10 54	2 6	19 11	0 44	0 46	1 54	2 49	14 5	13 26	13 49	1 38		n.a.
S 31	12s49	18n20	4s42	7s15	1n 6	22s 8	1s17	3s30	0n42	23n54	0n12	10n53	2n 6	19s11	0s44	0s46	1n54	2s50	14s 5	13n29	13n50	1s41		n.a.

Julian Day Number = 1594589.5, Delta T = 04h03m01s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°52'00, Lahiri = - 8°45'00 Julian Calendar 1 Oct. 348 BCE == Greg. Calendar 26 Sept. 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

NOVEMBER 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 21 40	4♏27'59	0♋11	22♎30	3♐33	11♎ 3	2°R51	7♍24	8♒ 3	6♎17	26°R21	24°R29	23♌31	13♎21	n.a.	M 1
T 2	2 25 37	5°29'00	13°43	24° 3	4°47	11°44	2♋49	7°29	8° 3	6°19	26♈20	24♌25	23°28	13°27	n.a.	T 2
W 3	2 29 33	6°30'02	26°45	25°36	6° 1	12°26	2°48	7°34	8° 4	6°21	26°19	24°23	23°25	13°34	n.a.	W 3
T 4	2 33 30	7°31'05	9♌23	27° 9	7°15	13° 7	2°46	7°39	8° 4	6°23	26°18	24°D22	23°22	13°41	n.a.	T 4
F 5	2 37 27	8°32'10	21°40	28°43	8°29	13°49	2°44	7°43	8° 5	6°25	26°17	24°R23	23°19	13°47	n.a.	F 5
S 6	2 41 23	9°33'15	3♍43	0♏16	9°43	14°30	2°41	7°48	8° 6	6°27	26°16	24°22	23°15	13°54	n.a.	S 6
S 7	2 45 20	10°34'22	15°36	1°49	10°57	15°12	2°39	7°53	8° 6	6°29	26°15	24°20	23°12	14° 1	n.a.	S 7
M 8	2 49 16	11°35'30	27°25	3°23	12°11	15°54	2°36	7°57	8° 7	6°31	26°14	24°16	23° 9	14° 7	n.a.	M 8
T 9	2 53 13	12°36'39	9♎13	4°56	13°26	16°35	2°33	8° 2	8° 8	6°33	26°13	24° 8	23° 6	14°14	n.a.	T 9
W10	2 57 9	13°37'49	21° 3	6°30	14°40	17°17	2°30	8° 6	8° 9	6°35	26°11	23°58	23° 3	14°21	n.a.	W10
T 11	3 1 6	14°38'59	2♏58	8° 4	15°54	17°59	2°27	8°10	8°10	6°37	26°10	23°45	22°59	14°28	n.a.	T 11
F 12	3 5 2	15°40'11	15° 0	9°38	17° 8	18°41	2°23	8°15	8°11	6°39	26° 9	23°30	22°56	14°34	n.a.	F 12
S 13	3 8 59	16°41'23	27° 9	11°11	18°22	19°22	2°20	8°19	8°12	6°40	26° 8	23°15	22°53	14°41	n.a.	S 13
S 14	3 12 55	17°42'36	9♐26	12°45	19°35	20° 4	2°16	8°23	8°13	6°42	26° 7	23° 1	22°50	14°48	n.a.	S 14
M15	3 16 52	18°43'49	21°52	14°19	20°49	20°46	2°12	8°27	8°14	6°44	26° 6	22°49	22°47	14°54	n.a.	M15
T 16	3 20 49	19°45'03	4♑28	15°53	22° 3	21°28	2° 7	8°30	8°16	6°46	26° 5	22°40	22°44	15° 1	n.a.	T 16
W17	3 24 45	20°46'17	17°16	17°28	23°17	22°10	2° 3	8°34	8°17	6°47	26° 4	22°34	22°40	15° 8	n.a.	W17
T 18	3 28 42	21°47'31	0♒16	19° 2	24°31	22°52	1°58	8°38	8°18	6°49	26° 3	22°30	22°37	15°14	n.a.	T 18
F 19	3 32 38	22°48'46	13°32	20°37	25°45	23°34	1°54	8°42	8°19	6°51	26° 2	22°29	22°34	15°21	n.a.	F 19
S 20	3 36 35	23°50'00	27° 7	22°12	26°58	24°16	1°49	8°45	8°21	6°53	26° 1	22°29	22°31	15°28	n.a.	S 20
S 21	3 40 31	24°51'15	11♓ 1	23°46	28°12	24°58	1°44	8°48	8°22	6°54	26° 0	22°29	22°28	15°35	n.a.	S 21
M22	3 44 28	25°52'29	25°17	25°22	29°26	25°40	1°39	8°52	8°24	6°56	25°59	22°27	22°24	15°41	n.a.	M22
T 23	3 48 25	26°53'43	9♈52	26°57	0♑40	26°23	1°33	8°55	8°25	6°58	25°58	22°22	22°21	15°48	n.a.	T 23
W24	3 52 21	27°54'58	24°43	28°33	1°53	27° 5	1°28	8°58	8°27	6°59	25°57	22°14	22°18	15°55	n.a.	W24
T 25	3 56 18	28°56'12	9♉42	0♐ 8	3° 7	27°47	1°22	9° 1	8°29	7° 1	25°56	22° 4	22°15	16° 1	n.a.	T 25
F 26	4 0 14	29°57'27	24°42	1°44	4°20	28°29	1°16	9° 4	8°30	7° 2	25°55	21°52	22°12	16° 8	n.a.	F 26
S 27	4 4 11	0♐58'42	9♊31	3°21	5°34	29°12	1°10	9° 7	8°32	7° 4	25°54	21°40	22° 9	16°15	n.a.	S 27
S 28	4 8 7	1°59'57	24° 1	4°58	6°47	29°54	1° 4	9°10	8°34	7° 5	25°54	21°29	22° 5	16°21	n.a.	S 28
M29	4 12 4	3° 1'12	8♋ 6	6°34	8° 0	0♏36	0°58	9°12	8°36	7° 7	25°53	21°21	22° 2	16°28	n.a.	M29
T 30	4 16 0	4♐ 2'27	21♋43	8♐12	9♑14	1♏19	0♋51	9♍15	8♒38	7♎ 8	25♈52	21♌15	21♌59	16♎35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s10	19n38	4s 7	7s56	1n 0	22s25	1s19	3s47	0n41	23n54	0n12	10n51	2n 6	19s11	0s43	0s47	1n54	2s50	14s 5	13n31	13n51	1s43		n.a.
T 2	13 31	19 44	3 18	8 37	0 53	22 41	1 21	4 4	0 41	23 54	0 12	10 49	2 6	19 11	0 43	0 48	1 54	2 50	14 5	13 33	13 52	1 45		n.a.
W 3	13 51	18 45	2 21	9 18	0 46	22 56	1 23	4 21	0 41	23 54	0 12	10 47	2 7	19 10	0 43	0 49	1 54	2 51	14 5	13 33	13 53	1 47		n.a.
T 4	14 11	16 52	1 19	9 58	0 40	23 11	1 25	4 38	0 40	23 55	0 12	10 46	2 7	19 10	0 43	0 50	1 54	2 51	14 5	13 34	13 54	1 49		n.a.
F 5	14 31	14 14	0 14	10 38	0 33	23 25	1 27	4 54	0 40	23 55	0 12	10 44	2 7	19 10	0 43	0 50	1 54	2 51	14 5	13 34	13 55	1 51		n.a.
S 6	14 51	11 2	0n49	11 18	0 26	23 39	1 29	5 11	0 39	23 55	0 13	10 43	2 7	19 10	0 43	0 51	1 54	2 52	14 5	13 34	13 56	1 53		n.a.
S 7	15 11	7 26	1 50	11 57	0 19	23 52	1 31	5 28	0 39	23 55	0 13	10 41	2 8	19 10	0 43	0 52	1 54	2 52	14 5	13 34	13 57	1 55		n.a.
M 8	15 30	3 34	2 45	12 36	0 12	24 4	1 33	5 44	0 38	23 55	0 13	10 40	2 8	19 9	0 43	0 53	1 54	2 52	14 4	13 36	13 58	1 57		n.a.
T 9	15 49	0s26	3 34	13 15	0 6	24 15	1 34	6 1	0 38	23 56	0 13	10 38	2 8	19 9	0 43	0 53	1 54	2 52	14 4	13 38	13 59	1 59		n.a.
W10	16 7	4 25	4 12	13 52	0s 1	24 26	1 36	6 18	0 37	23 56	0 13	10 37	2 8	19 9	0 43	0 54	1 54	2 53	14 4	13 42	14 0	2 1		n.a.
T 11	16 26	8 16	4 41	14 30	0 8	24 36	1 38	6 34	0 37	23 56	0 13	10 35	2 9	19 9	0 43	0 55	1 54	2 53	14 4	13 46	14 1	2 4		n.a.
F 12	16 44	11 49	4 56	15 6	0 14	24 45	1 39	6 51	0 36	23 56	0 14	10 34	2 9	19 8	0 43	0 55	1 54	2 53	14 4	13 51	14 2	2 6		n.a.
S 13	17 2	14 55	4 59	15 42	0 21	24 54	1 41	7 7	0 36	23 57	0 14	10 33	2 9	19 8	0 43	0 56	1 54	2 54	14 4	13 56	14 3	2 8		n.a.
S 14	17 19	17 24	4 48	16 18	0 27	25 1	1 43	7 24	0 35	23 57	0 14	10 31	2 9	19 8	0 43	0 57	1 54	2 54	14 4	14 1	14 4	2 10		n.a.
M15	17 37	19 7	4 23	16 52	0 34	25 8	1 44	7 40	0 35	23 57	0 14	10 30	2 10	19 7	0 43	0 58	1 54	2 54	14 4	14 5	14 6	2 12		n.a.
T 16	17 53	19 55	3 44	17 26	0 40	25 15	1 45	7 57	0 34	23 57	0 14	10 29	2 10	19 7	0 43	0 58	1 54	2 54	14 3	14 8	14 7	2 14		n.a.
W17	18 10	19 43	2 54	17 59	0 46	25 20	1 47	8 13	0 34	23 58	0 14	10 28	2 10	19 7	0 43	0 59	1 54	2 54	14 3	14 10	14 8	2 16		n.a.
T 18	18 26	18 29	1 55	18 32	0 52	25 25	1 48	8 29	0 33	23 58	0 15	10 26	2 10	19 6	0 43	0 59	1 54	2 55	14 3	14 11	14 9	2 18		n.a.
F 19	18 42	16 13	0 47	19 3	0 58	25 29	1 49	8 45	0 33	23 58	0 15	10 25	2 11	19 6	0 43	1 0	1 55	2 55	14 3	14 11	14 10	2 20		n.a.
S 20	18 58	13 0	0s24	19 34	1 3	25 32	1 50	9 2	0 32	23 58	0 15	10 24	2 11	19 5	0 43	1 1	1 55	2 55	14 3	14 11	14 11	2 22		n.a.
S 21	19 13	9 0	1 36	20 4	1 9	25 34	1 51	9 18	0 31	23 59	0 15	10 23	2 11	19 5	0 43	1 1	1 55	2 55	14 3	14 11	14 12	2 25		n.a.
M22	19 28	4 24	2 44	20 32	1 14	25 36	1 52	9 34	0 31	23 59	0 15	10 22	2 11	19 5	0 43	1 2	1 55	2 55	14 2	14 12	14 13	2 27		n.a.
T 23	19 42	0n33	3 42	21 0	1 20	25 37	1 53	9 50	0 30	23 59	0 16	10 21	2 12	19 4	0 43	1 3	1 55	2 56	14 2	14 14	14 14	2 29		n.a.
W24	19 56	5 33	4 27	21 27	1 24	25 37	1 54	10 6	0 30	23 59	0 16	10 20	2 12	19 4	0 43	1 3	1 55	2 56	14 2	14 16	14 15	2 31		n.a.
T 25	20 10	10 16	4 53	21 53	1 29	25 36	1 54	10 22	0 29	24 0	0 16	10 19	2 12	19 3	0 43	1 4	1 55	2 56	14 2	14 20	14 16	2 33		n.a.
F 26	20 23	14 20	5 0	22 18	1 34	25 35	1 55	10 37	0 29	24 0	0 16	10 18	2 12	19 3	0 43	1 4	1 55	2 56	14 2	14 23	14 17	2 35		n.a.
S 27	20 36	17 26	4 46	22 41	1 38	25 32	1 55	10 53	0 28	24 0	0 16	10 18	2 13	19 2	0 43	1 5	1 55	2 56	14 1	14 27	14 18	2 37		n.a.
S 28	20 49	19 22	4 14	23 4	1 42	25 29	1 56	11 9	0 28	24 0	0 16	10 17	2 13	19 2	0 43	1 5	1 55	2 56	14 1	14 31	14 19	2 39		n.a.
M29	21 1	20 3	3 27	23 25	1 46	25 25	1 56	11 24	0 27	24 0	0 17	10 16	2 13	19 1	0 43	1 6	1 55	2 56	14 1	14 34	14 20	2 41		n.a.
T 30	21s13	19n30	2s29	23s45	1s49	25s21	1s56	11s40	0n26	24n 1	0n17	10n15	2n13	19s 1	0s43	1s 6	1n55	2s57	14s 1	14n36	14n21	2s44		n.a.

Julian Day Number = 1594620.5, Delta T = 04h03m00s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'56, Lahiri = - 8°44'55 Julian Calendar 1 Nov. 348 BCE == Greg. Calendar 27 Oct. 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 348 BCE
geocentric

DECEMBER 348 BCE (-347) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 19 57	5♐ 3'42	4♌52	9♐49	10♑27	2♏ 1	0°R45	9♍17	8♒39	7♎10	25°R51	21°R12	21♌56	16♎41	n.a.	W 1
T 2	4 23 54	6° 4'58	17°35	11°27	11°40	2°44	0♋38	9°20	8°41	7°11	25♈50	21°D11	21°53	16°48	n.a.	T 2
F 3	4 27 50	7° 6'14	29°56	13° 5	12°53	3°26	0°31	9°22	8°43	7°12	25°49	21♌11	21°50	16°55	n.a.	F 3
S 4	4 31 47	8° 7'29	12♍ 2	14°44	14° 7	4° 9	0°24	9°24	8°45	7°14	25°48	21°R11	21°46	17° 2	n.a.	S 4
S 5	4 35 43	9° 8'45	23°57	16°23	15°20	4°52	0°17	9°26	8°47	7°15	25°48	21°10	21°43	17° 8	n.a.	S 5
M 6	4 39 40	10°10'01	5♎46	18° 2	16°33	5°34	0°10	9°28	8°50	7°16	25°47	21° 6	21°40	17°15	n.a.	M 6
T 7	4 43 36	11°11'16	17°35	19°41	17°46	6°17	0° 3	9°30	8°52	7°17	25°46	21° 1	21°37	17°22	n.a.	T 7
W 8	4 47 33	12°12'32	29°28	21°20	18°59	7° 0	29♊56	9°32	8°54	7°19	25°45	20°52	21°34	17°28	n.a.	W 8
T 9	4 51 29	13°13'48	11♏28	23° 0	20°11	7°42	29°48	9°33	8°56	7°20	25°45	20°41	21°30	17°35	n.a.	T 9
F 10	4 55 26	14°15'03	23°38	24°40	21°24	8°25	29°41	9°35	8°58	7°21	25°44	20°29	21°27	17°42	n.a.	F 10
S 11	4 59 23	15°16'18	5♐58	26°19	22°37	9° 8	29°33	9°36	9° 1	7°22	25°43	20°16	21°24	17°48	n.a.	S 11
S 12	5 3 19	16°17'32	18°31	27°59	23°50	9°51	29°26	9°37	9° 3	7°23	25°43	20° 3	21°21	17°55	n.a.	S 12
M13	5 7 16	17°18'46	1♑15	29°38	25° 2	10°34	29°18	9°39	9° 6	7°24	25°42	19°53	21°18	18° 2	n.a.	M13
T 14	5 11 12	18°20'00	14°10	1♑17	26°15	11°17	29°10	9°40	9° 8	7°25	25°41	19°45	21°15	18° 9	n.a.	T 14
W15	5 15 9	19°21'12	27°16	2°56	27°27	12° 0	29° 3	9°41	9°10	7°26	25°41	19°40	21°11	18°15	n.a.	W15
T 16	5 19 5	20°22'24	10♒33	4°34	28°40	12°42	28°55	9°42	9°13	7°27	25°40	19°38	21° 8	18°22	n.a.	T 16
F 17	5 23 2	21°23'35	24° 1	6°11	29°52	13°26	28°47	9°42	9°16	7°28	25°39	19°D37	21° 5	18°29	n.a.	F 17
S 18	5 26 59	22°24'45	7♓40	7°46	1♒ 4	14° 9	28°39	9°43	9°18	7°29	25°39	19°38	21° 2	18°35	n.a.	S 18
S 19	5 30 55	23°25'53	21°32	9°20	2°17	14°52	28°31	9°44	9°21	7°30	25°38	19°R39	20°59	18°42	n.a.	S 19
M20	5 34 52	24°27'01	5♈37	10°53	3°29	15°35	28°23	9°44	9°23	7°31	25°38	19°38	20°56	18°49	n.a.	M20
T 21	5 38 48	25°28'07	19°54	12°23	4°41	16°18	28°15	9°44	9°26	7°31	25°37	19°35	20°52	18°56	n.a.	T 21
W22	5 42 45	26°29'13	4♉21	13°50	5°53	17° 1	28° 7	9°45	9°29	7°32	25°37	19°31	20°49	19° 2	n.a.	W22
T 23	5 46 41	27°30'17	18°53	15°14	7° 4	17°44	27°59	9°45	9°31	7°33	25°36	19°24	20°46	19° 9	n.a.	T 23
F 24	5 50 38	28°31'20	3♊24	16°34	8°16	18°27	27°51	9°R45	9°34	7°34	25°36	19°15	20°43	19°16	n.a.	F 24
S 25	5 54 34	29°32'22	17°50	17°49	9°28	19°11	27°43	9°45	9°37	7°34	25°35	19° 7	20°40	19°22	n.a.	S 25
S 26	5 58 31	0♑33'23	2♋ 1	18°59	10°39	19°54	27°35	9°45	9°40	7°35	25°35	18°59	20°36	19°29	n.a.	S 26
M27	6 2 28	1°34'23	15°54	20° 3	11°51	20°37	27°27	9°44	9°43	7°36	25°35	18°53	20°33	19°36	n.a.	M27
T 28	6 6 24	2°35'22	29°25	21° 0	13° 2	21°21	27°19	9°44	9°46	7°36	25°34	18°49	20°30	19°42	n.a.	T 28
W29	6 10 21	3°36'20	12♌33	21°49	14°13	22° 4	27°11	9°43	9°49	7°37	25°34	18°47	20°27	19°49	n.a.	W29
T 30	6 14 17	4°37'16	25°18	22°29	15°24	22°47	27° 3	9°43	9°51	7°37	25°34	18°D47	20°24	19°56	n.a.	T 30
F 31	6 18 14	5♑38'12	7♍43	23♑ 0	16♒35	23♏31	26♊55	9♍42	9♒54	7♎38	25♈33	18♌48	20♌21	20♎ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21s24	17n54	1s25	24s 3	1s53	25s15	1s57	11s55	0n26	24n 1	0n17	10n15	2n14	19s 0	0s42	1s 7	1n55	2s57	14s 1	14n37	14n22	2s46			n.a.
T 2	21 35	15 27	0 19	24 20	1 56	25 9	1 57	12 11	0 25	24 1	0 17	10 14	2 14	19 0	0 42	1 7	1 55	2 57	14 0	14 37	14 23	2 48			n.a.
F 3	21 46	12 21	0n46	24 36	1 58	25 2	1 57	12 26	0 25	24 1	0 17	10 13	2 14	18 59	0 42	1 8	1 55	2 57	14 0	14 37	14 24	2 50			n.a.
S 4	21 56	8 48	1 48	24 51	2 0	24 55	1 57	12 41	0 24	24 2	0 17	10 13	2 15	18 58	0 42	1 8	1 55	2 57	14 0	14 37	14 25	2 52			n.a.
S 5	22 6	4 57	2 45	25 3	2 2	24 46	1 57	12 56	0 23	24 2	0 18	10 12	2 15	18 58	0 42	1 9	1 55	2 57	14 0	14 37	14 26	2 54			n.a.
M 6	22 15	0 56	3 33	25 15	2 4	24 37	1 56	13 11	0 23	24 2	0 18	10 12	2 15	18 57	0 42	1 9	1 55	2 57	13 59	14 38	14 27	2 56			n.a.
T 7	22 24	3s 6	4 13	25 24	2 5	24 27	1 56	13 26	0 22	24 2	0 18	10 11	2 15	18 57	0 42	1 10	1 55	2 57	13 59	14 40	14 28	2 58			n.a.
W 8	22 32	7 2	4 42	25 32	2 6	24 17	1 56	13 41	0 22	24 2	0 18	10 11	2 16	18 56	0 42	1 10	1 56	2 57	13 59	14 43	14 29	3 0			n.a.
T 9	22 40	10 44	4 58	25 38	2 6	24 5	1 55	13 55	0 21	24 2	0 18	10 11	2 16	18 55	0 42	1 11	1 56	2 57	13 59	14 46	14 31	3 2			n.a.
F 10	22 48	14 3	5 2	25 43	2 6	23 53	1 54	14 10	0 20	24 3	0 18	10 10	2 16	18 55	0 42	1 11	1 56	2 57	13 59	14 51	14 32	3 5			n.a.
S 11	22 55	16 48	4 51	25 46	2 5	23 41	1 54	14 24	0 20	24 3	0 19	10 10	2 17	18 54	0 42	1 11	1 56	2 57	13 58	14 55	14 33	3 7			n.a.
S 12	23 1	18 49	4 26	25 46	2 3	23 27	1 53	14 39	0 19	24 3	0 19	10 10	2 17	18 54	0 42	1 12	1 56	2 57	13 58	14 59	14 34	3 9			n.a.
M13	23 7	19 56	3 48	25 45	2 1	23 13	1 52	14 53	0 18	24 3	0 19	10 10	2 17	18 53	0 42	1 12	1 56	2 57	13 58	15 2	14 35	3 11			n.a.
T 14	23 13	20 2	2 57	25 43	1 59	22 59	1 51	15 7	0 18	24 3	0 19	10 9	2 17	18 52	0 42	1 12	1 56	2 57	13 57	15 4	14 36	3 13			n.a.
W15	23 18	19 4	1 56	25 38	1 56	22 43	1 50	15 21	0 17	24 3	0 19	10 9	2 18	18 51	0 42	1 13	1 56	2 57	13 57	15 6	14 37	3 15			n.a.
T 16	23 23	17 2	0 48	25 31	1 52	22 27	1 49	15 35	0 16	24 3	0 19	10 9	2 18	18 51	0 42	1 13	1 56	2 57	13 57	15 7	14 38	3 17			n.a.
F 17	23 27	14 3	0s24	25 22	1 47	22 11	1 48	15 49	0 16	24 3	0 20	10 9	2 18	18 50	0 42	1 13	1 56	2 57	13 57	15 7	14 39	3 19			n.a.
S 18	23 31	10 16	1 35	25 12	1 42	21 54	1 46	16 3	0 15	24 3	0 20	10 9	2 19	18 49	0 42	1 14	1 56	2 57	13 56	15 7	14 40	3 22			n.a.
S 19	23 34	5 53	2 42	24 59	1 36	21 36	1 45	16 16	0 14	24 3	0 20	10 9	2 19	18 49	0 42	1 14	1 56	2 57	13 56	15 6	14 41	3 24			n.a.
M20	23 37	1 7	3 41	24 45	1 28	21 17	1 43	16 29	0 14	24 4	0 20	10 9	2 19	18 48	0 42	1 14	1 56	2 57	13 56	15 7	14 42	3 26			n.a.
T 21	23 39	3n46	4 26	24 29	1 21	20 58	1 42	16 43	0 13	24 4	0 20	10 10	2 19	18 47	0 42	1 15	1 56	2 57	13 56	15 8	14 43	3 28			n.a.
W22	23 41	8 29	4 56	24 12	1 12	20 39	1 40	16 56	0 12	24 4	0 20	10 10	2 20	18 46	0 42	1 15	1 56	2 57	13 55	15 9	14 44	3 30			n.a.
T 23	23 43	12 45	5 6	23 53	1 2	20 19	1 38	17 9	0 11	24 4	0 20	10 10	2 20	18 46	0 42	1 15	1 57	2 56	13 55	15 11	14 45	3 32			n.a.
F 24	23 44	16 14	4 57	23 32	0 51	19 58	1 36	17 22	0 11	24 4	0 21	10 10	2 20	18 45	0 42	1 15	1 57	2 56	13 55	15 14	14 46	3 34			n.a.
S 25	23 44	18 42	4 29	23 11	0 39	19 37	1 34	17 34	0 10	24 4	0 21	10 10	2 21	18 44	0 42	1 15	1 57	2 56	13 54	15 17	14 47	3 36			n.a.
S 26	23 44	19 58	3 45	22 49	0 27	19 15	1 32	17 47	0 9	24 4	0 21	10 11	2 21	18 43	0 42	1 16	1 57	2 56	13 54	15 19	14 48	3 38			n.a.
M27	23 44	20 0	2 48	22 26	0 13	18 53	1 30	17 59	0 9	24 4	0 21	10 11	2 21	18 43	0 42	1 16	1 57	2 56	13 54	15 21	14 49	3 41			n.a.
T 28	23 43	18 51	1 43	22 3	0n 2	18 30	1 27	18 12	0 8	24 4	0 21	10 12	2 21	18 42	0 42	1 16	1 57	2 56	13 53	15 22	14 50	3 43			n.a.
W29	23 41	16 43	0 34	21 40	0 17	18 7	1 25	18 24	0 7	24 4	0 21	10 12	2 22	18 41	0 42	1 16	1 57	2 56	13 53	15 23	14 51	3 45			n.a.
T 30	23 39	13 48	0n35	21 17	0 33	17 44	1 23	18 36	0 6	24 4	0 21	10 13	2 22	18 40	0 42	1 16	1 57	2 55	13 53	15 23	14 52	3 47			n.a.
F 31	23s37	10n20	1n41	20s55	0n50	17s20	1s20	18s47	0n 6	24n 4	0n22	10n13	2n22	18s39	0s42	1s16	1n57	2s55	13s53	15n22	14n53	3s49			n.a.

Julian Day Number = 1594650.5, Delta T = 04h02m59s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'52, Lahiri = - 8°44'51 Julian Calendar 1 Dec. 348 BCE == Greg. Calendar 26 Nov. 348 BCE

The year -347 astronomical counting style corresponds to year 348 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

JANUARY 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 10	6♉39'07	19♍53	23♉21	17♒46	24♏14	26°R47	9°R41	9♒57	7♎38	25°R33	18♌50	20♌17	20♎ 9	n.a.	S 1
S 2	6 26 7	7°40'01	1♎51	23°R32	18°57	24°58	26♊39	9♍40	10° 0	7°38	25♈33	18°51	20°14	20°16	n.a.	S 2
M 3	6 30 3	8°40'54	13°42	23°32	20° 8	25°41	26°32	9°39	10° 3	7°39	25°32	18°R51	20°11	20°23	n.a.	M 3
T 4	6 34 0	9°41'45	25°33	23°20	21°18	26°25	26°24	9°38	10° 7	7°39	25°32	18°50	20° 8	20°29	n.a.	T 4
W 5	6 37 57	10°42'36	7♏28	22°58	22°29	27° 9	26°16	9°37	10°10	7°39	25°32	18°46	20° 5	20°36	n.a.	W 5
T 6	6 41 53	11°43'26	19°31	22°25	23°39	27°52	26° 9	9°36	10°13	7°40	25°32	18°41	20° 2	20°43	n.a.	T 6
F 7	6 45 50	12°44'14	1♐46	21°42	24°49	28°36	26° 1	9°34	10°16	7°40	25°32	18°35	19°58	20°49	n.a.	F 7
S 8	6 49 46	13°45'01	14°15	20°50	25°59	29°20	25°54	9°33	10°19	7°40	25°32	18°29	19°55	20°56	n.a.	S 8
S 9	6 53 43	14°45'47	27° 1	19°52	27° 9	0♐ 3	25°47	9°31	10°22	7°40	25°31	18°23	19°52	21° 3	n.a.	S 9
M10	6 57 39	15°46'32	10♉ 2	18°47	28°19	0°47	25°39	9°29	10°25	7°40	25°31	18°17	19°49	21°10	n.a.	M10
T 11	7 1 36	16°47'15	23°19	17°39	29°28	1°31	25°32	9°28	10°29	7°40	25°31	18°14	19°46	21°16	n.a.	T 11
W12	7 5 32	17°47'56	6♒49	16°29	0♓38	2°15	25°25	9°26	10°32	7°41	25°31	18°11	19°42	21°23	n.a.	W12
T 13	7 9 29	18°48'36	20°32	15°19	1°47	2°59	25°19	9°24	10°35	7°R41	25°31	18°D11	19°39	21°30	n.a.	T 13
F 14	7 13 26	19°49'14	4♓24	14°11	2°56	3°42	25°12	9°21	10°38	7°41	25°D31	18°12	19°36	21°36	n.a.	F 14
S 15	7 17 22	20°49'50	18°23	13° 7	4° 5	4°26	25° 5	9°19	10°42	7°41	25°31	18°13	19°33	21°43	n.a.	S 15
S 16	7 21 19	21°50'24	2♈28	12° 7	5°14	5°10	24°59	9°17	10°45	7°40	25°31	18°15	19°30	21°50	n.a.	S 16
M17	7 25 15	22°50'56	16°37	11°13	6°22	5°54	24°52	9°15	10°48	7°40	25°31	18°R16	19°27	21°57	n.a.	M17
T 18	7 29 12	23°51'26	0♉47	10°25	7°31	6°38	24°46	9°12	10°51	7°40	25°31	18°16	19°23	22° 3	n.a.	T 18
W19	7 33 8	24°51'54	14°58	9°45	8°39	7°22	24°40	9° 9	10°55	7°40	25°32	18°14	19°20	22°10	n.a.	W19
T 20	7 37 5	25°52'20	29° 6	9°12	9°47	8° 6	24°34	9° 7	10°58	7°40	25°32	18°12	19°17	22°17	n.a.	T 20
F 21	7 41 1	26°52'44	13♊10	8°47	10°55	8°50	24°28	9° 4	11° 2	7°40	25°32	18° 9	19°14	22°23	n.a.	F 21
S 22	7 44 58	27°53'06	27° 4	8°29	12° 3	9°34	24°23	9° 1	11° 5	7°39	25°32	18° 6	19°11	22°30	n.a.	S 22
S 23	7 48 55	28°53'26	10♋48	8°18	13°10	10°18	24°17	8°58	11° 8	7°39	25°32	18° 4	19° 8	22°37	n.a.	S 23
M24	7 52 51	29°53'44	24°17	8°D15	14°17	11° 2	24°12	8°55	11°12	7°39	25°32	18° 1	19° 4	22°44	n.a.	M24
T 25	7 56 48	0♒54'00	7♌30	8°18	15°24	11°47	24° 6	8°52	11°15	7°38	25°33	18° 0	19° 1	22°50	n.a.	T 25
W26	8 0 44	1°54'15	20°26	8°28	16°31	12°31	24° 1	8°49	11°18	7°38	25°33	18°D 0	18°58	22°57	n.a.	W26
T 27	8 4 41	2°54'27	3♍ 4	8°43	17°38	13°15	23°56	8°46	11°22	7°37	25°33	18° 1	18°55	23° 4	n.a.	T 27
F 28	8 8 37	3°54'38	15°27	9° 4	18°44	13°59	23°52	8°43	11°25	7°37	25°34	18° 2	18°52	23°10	n.a.	F 28
S 29	8 12 34	4°54'47	27°37	9°31	19°50	14°43	23°47	8°39	11°29	7°36	25°34	18° 3	18°48	23°17	n.a.	S 29
S 30	8 16 30	5°54'54	9♎36	10° 2	20°56	15°28	23°43	8°36	11°32	7°36	25°34	18° 4	18°45	23°24	n.a.	S 30
M31	8 20 27	6♒54'59	21♎30	10♉38	22♓ 1	16♐12	23♊39	8♍32	11♒36	7♎35	25♈35	18♌ 5	18♌42	23♎31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s34	6n31	2n41	20s34	1n 8	16s55	1s17	18s59	0n 5	24n 3	0n22	10n14	2n23	18s38	0s42	1s17	1n57	2s55	13s52	15n22	14n54	3s51		n.a.	S 1
S 2	23 31	2 30	3 32	20 15	1 26	16 30	1 14	19 11	0 4	24 3	0 22	10 14	2 23	18 38	0 42	1 17	1 57	2 55	13 52	15 22	14 55	3 53		n.a.	S 2
M 3	23 27	1s34	4 14	19 57	1 44	16 5	1 12	19 22	0 3	24 3	0 22	10 15	2 23	18 37	0 42	1 17	1 57	2 55	13 52	15 22	14 56	3 55		n.a.	M 3
T 4	23 23	5 34	4 46	19 42	2 2	15 39	1 9	19 33	0 3	24 3	0 22	10 16	2 23	18 36	0 42	1 17	1 57	2 55	13 51	15 22	14 57	3 58		n.a.	T 4
W 5	23 18	9 22	5 5	19 28	2 19	15 13	1 6	19 44	0 2	24 3	0 22	10 16	2 24	18 35	0 42	1 17	1 57	2 54	13 51	15 23	14 58	4 0		n.a.	W 5
T 6	23 13	12 51	5 11	19 17	2 36	14 47	1 2	19 55	0 1	24 3	0 22	10 17	2 24	18 34	0 42	1 17	1 57	2 54	13 51	15 25	14 59	4 2		n.a.	T 6
F 7	23 7	15 50	5 3	19 9	2 51	14 20	0 59	20 5	0 0	24 3	0 22	10 18	2 24	18 33	0 42	1 17	1 58	2 54	13 50	15 26	15 0	4 4		n.a.	F 7
S 8	23 1	18 9	4 40	19 3	3 5	13 53	0 56	20 16	0s 0	24 3	0 23	10 19	2 24	18 32	0 42	1 17	1 58	2 54	13 50	15 28	15 1	4 6		n.a.	S 8
S 9	22 54	19 39	4 3	18 59	3 18	13 26	0 52	20 26	0 1	24 3	0 23	10 20	2 25	18 32	0 42	1 17	1 58	2 53	13 50	15 30	15 2	4 8		n.a.	S 9
M10	22 47	20 8	3 13	18 58	3 28	12 58	0 49	20 36	0 2	24 3	0 23	10 20	2 25	18 31	0 42	1 17	1 58	2 53	13 49	15 32	15 3	4 10		n.a.	M10
T 11	22 40	19 32	2 12	18 58	3 37	12 30	0 45	20 46	0 3	24 2	0 23	10 21	2 25	18 30	0 42	1 17	1 58	2 53	13 49	15 33	15 4	4 12		n.a.	T 11
W12	22 32	17 48	1 2	19 1	3 43	12 2	0 42	20 56	0 4	24 2	0 23	10 22	2 25	18 29	0 42	1 17	1 58	2 53	13 49	15 34	15 5	4 15		n.a.	W12
T 13	22 24	15 2	0s13	19 6	3 46	11 34	0 38	21 5	0 4	24 2	0 23	10 23	2 26	18 28	0 42	1 17	1 58	2 52	13 49	15 34	15 6	4 17		n.a.	T 13
F 14	22 15	11 23	1 28	19 12	3 48	11 5	0 34	21 14	0 5	24 2	0 23	10 24	2 26	18 27	0 42	1 17	1 58	2 52	13 48	15 34	15 7	4 19		n.a.	F 14
S 15	22 6	7 4	2 38	19 19	3 47	10 36	0 30	21 23	0 6	24 2	0 23	10 25	2 26	18 26	0 42	1 17	1 58	2 52	13 48	15 33	15 8	4 21		n.a.	S 15
S 16	21 56	2 21	3 40	19 28	3 44	10 7	0 26	21 32	0 7	24 2	0 23	10 27	2 27	18 25	0 42	1 17	1 58	2 51	13 48	15 33	15 9	4 23		n.a.	S 16
M17	21 46	2n30	4 28	19 37	3 39	9 38	0 22	21 41	0 8	24 2	0 24	10 28	2 27	18 24	0 42	1 16	1 58	2 51	13 47	15 33	15 10	4 25		n.a.	M17
T 18	21 36	7 13	5 0	19 48	3 32	9 8	0 18	21 50	0 9	24 1	0 24	10 29	2 27	18 23	0 42	1 16	1 58	2 51	13 47	15 33	15 11	4 27		n.a.	T 18
W19	21 25	11 32	5 14	19 59	3 24	8 38	0 14	21 58	0 9	24 1	0 24	10 30	2 27	18 22	0 42	1 16	1 58	2 50	13 47	15 33	15 12	4 29		n.a.	W19
T 20	21 14	15 11	5 9	20 10	3 15	8 8	0 9	22 6	0 10	24 1	0 24	10 31	2 27	18 22	0 42	1 16	1 58	2 50	13 46	15 34	15 13	4 32		n.a.	T 20
F 21	21 2	17 57	4 45	20 22	3 5	7 38	0 5	22 14	0 11	24 1	0 24	10 33	2 28	18 21	0 42	1 16	1 59	2 50	13 46	15 35	15 14	4 34		n.a.	F 21
S 22	20 50	19 37	4 5	20 34	2 54	7 8	0 1	22 21	0 12	24 1	0 24	10 34	2 28	18 20	0 42	1 16	1 59	2 49	13 46	15 36	15 15	4 36		n.a.	S 22
S 23	20 38	20 7	3 11	20 46	2 42	6 38	0n 4	22 29	0 13	24 1	0 24	10 35	2 28	18 19	0 42	1 15	1 59	2 49	13 45	15 36	15 16	4 38		n.a.	S 23
M24	20 25	19 26	2 7	20 58	2 31	6 8	0 8	22 36	0 14	24 1	0 24	10 37	2 28	18 18	0 42	1 15	1 59	2 49	13 45	15 37	15 17	4 40		n.a.	M24
T 25	20 12	17 42	0 58	21 10	2 18	5 37	0 13	22 43	0 15	24 0	0 24	10 38	2 29	18 17	0 42	1 15	1 59	2 48	13 45	15 37	15 18	4 42		n.a.	T 25
W26	19 59	15 4	0n13	21 22	2 6	5 7	0 18	22 50	0 15	24 0	0 24	10 39	2 29	18 16	0 42	1 15	1 59	2 48	13 44	15 37	15 19	4 44		n.a.	W26
T 27	19 45	11 47	1 22	21 33	1 54	4 36	0 23	22 56	0 16	24 0	0 25	10 41	2 29	18 15	0 42	1 15	1 59	2 47	13 44	15 37	15 20	4 46		n.a.	T 27
F 28	19 31	8 3	2 26	21 44	1 41	4 5	0 28	23 3	0 17	24 0	0 25	10 42	2 29	18 14	0 42	1 14	1 59	2 47	13 44	15 37	15 21	4 49		n.a.	F 28
S 29	19 16	4 3	3 22	21 55	1 29	3 35	0 32	23 9	0 18	24 0	0 25	10 44	2 29	18 13	0 42	1 14	1 59	2 47	13 43	15 37	15 22	4 51		n.a.	S 29
S 30	19 2	0s 3	4 8	22 5	1 17	3 4	0 37	23 15	0 19	24 0	0 25	10 45	2 30	18 12	0 42	1 14	1 59	2 46	13 43	15 36	15 23	4 53		n.a.	S 30
M31	18s46	4s 6	4n44	22s14	1n 5	2s33	0n43	23s20	0s20	24n 0	0n25	10n47	2n30	18s11	0s42	1s14	1n59	2s46	13s43	15n36	15n24	4s55		n.a.	M31

Julian Day Number = 1594681.5, Delta T = 04h02m58s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'48, Lahiri = - 8°44'47 Julian Calendar 1 Jan. 347 BCE == Greg. Calendar 27 Dec. 348 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

FEBRUARY 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 24	7♒55'03	3♏22	11♉18	23♓ 7	16♐56	23°R35	8°R29	11♒39	7°R35	25♈35	18°R 5	18♌39	23♎37	n.a.	T 1
W 2	8 28 20	8°55'05	15°17	12° 2	24°12	17°41	23♊31	8♍25	11°42	7♎34	25°35	18♌ 5	18°36	23°44	n.a.	W 2
T 3	8 32 17	9°55'05	27°21	12°49	25°16	18°25	23°27	8°21	11°46	7°33	25°36	18° 5	18°33	23°51	n.a.	T 3
F 4	8 36 13	10°55'03	9♐36	13°40	26°21	19° 9	23°24	8°17	11°49	7°33	25°36	18° 4	18°29	23°57	n.a.	F 4
S 5	8 40 10	11°55'00	22° 8	14°34	27°25	19°54	23°20	8°13	11°53	7°32	25°37	18° 3	18°26	24° 4	n.a.	S 5
S 6	8 44 6	12°54'55	4♑59	15°31	28°29	20°38	23°17	8°10	11°56	7°31	25°37	18° 3	18°23	24°11	n.a.	S 6
M 7	8 48 3	13°54'48	18°10	16°31	29°32	21°23	23°14	8° 6	12° 0	7°30	25°38	18° 2	18°20	24°17	n.a.	M 7
T 8	8 51 59	14°54'39	1♒43	17°34	0♈36	22° 7	23°11	8° 2	12° 3	7°30	25°38	18° 2	18°17	24°24	n.a.	T 8
W 9	8 55 56	15°54'28	15°36	18°39	1°39	22°51	23° 9	7°58	12° 6	7°29	25°39	18°D 2	18°14	24°31	n.a.	W 9
T 10	8 59 53	16°54'15	29°44	19°46	2°41	23°36	23° 6	7°53	12°10	7°28	25°39	18° 2	18°10	24°38	n.a.	T 10
F 11	9 3 49	17°54'00	14♓ 5	20°55	3°43	24°20	23° 4	7°49	12°13	7°27	25°40	18°R 2	18° 7	24°44	n.a.	F 11
S 12	9 7 46	18°53'42	28°33	22° 7	4°45	25° 5	23° 2	7°45	12°17	7°26	25°41	18° 2	18° 4	24°51	n.a.	S 12
S 13	9 11 42	19°53'22	13♈ 2	23°20	5°47	25°50	23° 0	7°41	12°20	7°25	25°41	18° 2	18° 1	24°58	n.a.	S 13
M14	9 15 39	20°53'00	27°29	24°35	6°48	26°34	22°59	7°36	12°24	7°24	25°42	18° 1	17°58	25° 4	n.a.	M14
T 15	9 19 35	21°52'35	11♉47	25°52	7°49	27°19	22°57	7°32	12°27	7°23	25°43	18° 1	17°54	25°11	n.a.	T 15
W16	9 23 32	22°52'08	25°56	27°11	8°49	28° 3	22°56	7°28	12°30	7°22	25°43	18°D 1	17°51	25°18	n.a.	W16
T 17	9 27 28	23°51'39	9♊52	28°32	9°49	28°48	22°55	7°23	12°34	7°21	25°44	18° 1	17°48	25°25	n.a.	T 17
F 18	9 31 25	24°51'07	23°36	29°54	10°48	29°32	22°54	7°19	12°37	7°20	25°45	18° 2	17°45	25°31	n.a.	F 18
S 19	9 35 22	25°50'32	7♋ 6	1♒18	11°47	0♑17	22°54	7°14	12°41	7°19	25°45	18° 3	17°42	25°38	n.a.	S 19
S 20	9 39 18	26°49'56	20°22	2°43	12°46	1° 2	22°53	7°10	12°44	7°18	25°46	18° 3	17°39	25°45	n.a.	S 20
M21	9 43 15	27°49'16	3♌25	4°10	13°44	1°46	22°53	7° 5	12°47	7°17	25°47	18° 4	17°35	25°51	n.a.	M21
T 22	9 47 11	28°48'35	16°16	5°38	14°42	2°31	22°D53	7° 1	12°51	7°15	25°48	18°R 4	17°32	25°58	n.a.	T 22
W23	9 51 8	29°47'51	28°53	7° 8	15°39	3°15	22°53	6°56	12°54	7°14	25°49	18° 4	17°29	26° 5	n.a.	W23
T 24	9 55 4	0♓47'05	11♍19	8°39	16°35	4° 0	22°53	6°52	12°57	7°13	25°49	18° 3	17°26	26°12	n.a.	T 24
F 25	9 59 1	1°46'17	23°34	10°12	17°31	4°45	22°54	6°47	13° 1	7°12	25°50	18° 2	17°23	26°18	n.a.	F 25
S 26	10 2 57	2°45'27	5♎39	11°46	18°26	5°30	22°55	6°42	13° 4	7°11	25°51	18° 0	17°19	26°25	n.a.	S 26
S 27	10 6 54	3°44'35	17°37	13°22	19°21	6°14	22°55	6°38	13° 7	7° 9	25°52	17°57	17°16	26°32	n.a.	S 27
M28	10 10 50	4♓43'41	29♎30	14♒58	20♈15	6♑59	22♊56	6♍33	13♒10	7♎ 8	25♈53	17♌55	17♌13	26♎38	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18s31	7s59	5n 7	22s22	0n53	2s 2	0n48	23s26	0s21	24n 0	0n25	10n48	2n30	18s10	0s42	1s13	1n59	2s45	13s42	15n36	15n25	4s57		n.a.	T 1
W 2	18 15	11 35	5 17	22 30	0 41	1 32	0 53	23 31	0 22	23 59	0 25	10 50	2 30	18 9	0 42	1 13	1 59	2 45	13 42	15 36	15 26	4 59		n.a.	W 2
T 3	17 59	14 44	5 13	22 37	0 30	1 1	0 58	23 36	0 23	23 59	0 25	10 52	2 30	18 8	0 42	1 13	1 59	2 44	13 42	15 36	15 27	5 1		n.a.	T 3
F 4	17 42	17 18	4 55	22 43	0 19	0 30	1 3	23 41	0 23	23 59	0 25	10 53	2 31	18 7	0 42	1 12	1 59	2 44	13 42	15 36	15 28	5 3		n.a.	F 4
S 5	17 26	19 8	4 23	22 47	0 8	0n 0	1 9	23 45	0 24	23 59	0 25	10 55	2 31	18 6	0 42	1 12	1 59	2 44	13 41	15 36	15 29	5 6		n.a.	S 5
S 6	17 9	20 2	3 37	22 51	0s 2	0 31	1 14	23 49	0 25	23 59	0 25	10 56	2 31	18 5	0 42	1 12	2 0	2 43	13 41	15 37	15 30	5 8		n.a.	S 6
M 7	16 51	19 52	2 38	22 54	0 12	1 1	1 19	23 53	0 26	23 59	0 25	10 58	2 31	18 4	0 42	1 11	2 0	2 43	13 41	15 37	15 31	5 10		n.a.	M 7
T 8	16 34	18 34	1 29	22 56	0 22	1 32	1 25	23 57	0 27	23 59	0 25	11 0	2 31	18 3	0 42	1 11	2 0	2 42	13 40	15 37	15 32	5 12		n.a.	T 8
W 9	16 16	16 9	0 14	22 56	0 31	2 2	1 30	24 0	0 28	23 59	0 25	11 1	2 31	18 2	0 42	1 10	2 0	2 42	13 40	15 37	15 33	5 14		n.a.	W 9
T 10	15 58	12 43	1s 5	22 55	0 40	2 32	1 36	24 4	0 29	23 59	0 26	11 3	2 32	18 1	0 42	1 10	2 0	2 41	13 40	15 37	15 34	5 16		n.a.	T 10
F 11	15 39	8 29	2 20	22 53	0 49	3 3	1 41	24 7	0 30	23 59	0 26	11 5	2 32	18 0	0 42	1 10	2 0	2 41	13 39	15 37	15 35	5 18		n.a.	F 11
S 12	15 21	3 44	3 26	22 50	0 57	3 33	1 47	24 10	0 31	23 59	0 26	11 7	2 32	17 59	0 42	1 9	2 0	2 40	13 39	15 37	15 36	5 20		n.a.	S 12
S 13	15 2	1n13	4 20	22 45	1 5	4 2	1 52	24 12	0 32	23 59	0 26	11 8	2 32	17 58	0 42	1 9	2 0	2 40	13 39	15 37	15 37	5 23		n.a.	S 13
M14	14 43	6 5	4 57	22 39	1 12	4 32	1 58	24 14	0 33	23 59	0 26	11 10	2 32	17 57	0 42	1 8	2 0	2 39	13 39	15 37	15 38	5 25		n.a.	M14
T 15	14 23	10 34	5 15	22 32	1 19	5 2	2 4	24 16	0 34	23 59	0 26	11 12	2 32	17 57	0 42	1 8	2 0	2 39	13 38	15 37	15 39	5 27		n.a.	T 15
W16	14 4	14 23	5 14	22 23	1 26	5 31	2 9	24 18	0 35	23 59	0 26	11 14	2 32	17 56	0 42	1 7	2 0	2 38	13 38	15 37	15 40	5 29		n.a.	W16
T 17	13 44	17 21	4 55	22 13	1 32	6 0	2 15	24 20	0 36	23 59	0 26	11 15	2 33	17 55	0 42	1 7	2 0	2 38	13 38	15 37	15 41	5 31		n.a.	T 17
F 18	13 24	19 17	4 18	22 1	1 38	6 29	2 21	24 21	0 37	23 59	0 26	11 17	2 33	17 54	0 42	1 7	2 0	2 37	13 37	15 37	15 42	5 33		n.a.	F 18
S 19	13 4	20 5	3 28	21 48	1 44	6 58	2 26	24 22	0 38	23 59	0 26	11 19	2 33	17 53	0 42	1 6	2 0	2 37	13 37	15 37	15 43	5 35		n.a.	S 19
S 20	12 43	19 44	2 28	21 33	1 49	7 26	2 32	24 23	0 39	23 59	0 26	11 21	2 33	17 52	0 42	1 6	2 0	2 36	13 37	15 36	15 44	5 38		n.a.	S 20
M21	12 23	18 20	1 20	21 17	1 53	7 54	2 38	24 23	0 40	23 59	0 26	11 23	2 33	17 51	0 42	1 5	2 0	2 36	13 37	15 36	15 45	5 40		n.a.	M21
T 22	12 2	16 0	0 10	21 0	1 58	8 22	2 44	24 23	0 41	23 59	0 26	11 24	2 33	17 50	0 42	1 5	2 0	2 35	13 36	15 36	15 46	5 42		n.a.	T 22
W23	11 41	12 56	1n 0	20 40	2 1	8 50	2 49	24 23	0 42	23 59	0 26	11 26	2 33	17 49	0 42	1 4	2 0	2 35	13 36	15 36	15 47	5 44		n.a.	W23
T 24	11 20	9 20	2 5	20 20	2 5	9 17	2 55	24 23	0 43	23 59	0 26	11 28	2 33	17 48	0 42	1 3	2 0	2 34	13 36	15 36	15 48	5 46		n.a.	T 24
F 25	10 59	5 24	3 4	19 57	2 8	9 44	3 1	24 23	0 44	23 59	0 26	11 30	2 33	17 47	0 42	1 3	2 1	2 33	13 36	15 37	15 49	5 48		n.a.	F 25
S 26	10 37	1 18	3 54	19 33	2 10	10 11	3 7	24 22	0 45	23 59	0 26	11 32	2 33	17 46	0 42	1 2	2 1	2 33	13 35	15 38	15 50	5 50		n.a.	S 26
S 27	10 15	2s48	4 32	19 7	2 12	10 38	3 12	24 21	0 46	23 59	0 26	11 33	2 33	17 45	0 42	1 2	2 1	2 32	13 35	15 38	15 51	5 52		n.a.	S 27
M28	9s54	6s46	4n59	18s40	2s14	11n 4	3n18	24s19	0s47	23n59	0n26	11n35	2n34	17s44	0s42	1s 1	2n 1	2s32	13s35	15n39	15n52	5s55		n.a.	M28

Julian Day Number = 1594712.5, Delta T = 04h02m57s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'43, Lahiri = - 8°44'43 Julian Calendar 1 Feb. 347 BCE == Greg. Calendar 27 Jan. 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

MARCH 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 14 47	5♓42'45	11♏22	16♒37	21♈ 9	7♑44	22♊58	6°R29	13♒14	7°R 7	25♈54	17°R53	17♌10	26♎45	n.a.	T 1
W 2	10 18 44	6°41'47	23°17	18°17	22° 2	8°28	22°59	6♍24	13°17	7♎ 5	25°55	17♌51	17° 7	26°52	n.a.	W 2
T 3	10 22 40	7°40'48	5♐19	19°58	22°54	9°13	23° 1	6°19	13°20	7° 4	25°56	17°D51	17° 4	26°59	n.a.	T 3
F 4	10 26 37	8°39'46	17°32	21°41	23°46	9°58	23° 3	6°15	13°23	7° 3	25°57	17°51	17° 0	27° 5	n.a.	F 4
S 5	10 30 33	9°38'43	0♑ 1	23°25	24°36	10°43	23° 5	6°10	13°26	7° 1	25°58	17°52	16°57	27°12	n.a.	S 5
S 6	10 34 30	10°37'37	12°51	25°10	25°27	11°27	23° 7	6° 6	13°30	7° 0	25°59	17°53	16°54	27°19	n.a.	S 6
M 7	10 38 26	11°36'30	26° 4	26°57	26°16	12°12	23° 9	6° 1	13°33	6°58	26° 0	17°55	16°51	27°25	n.a.	M 7
T 8	10 42 23	12°35'21	9♒42	28°46	27° 4	12°57	23°12	5°56	13°36	6°57	26° 1	17°56	16°48	27°32	n.a.	T 8
W 9	10 46 19	13°34'10	23°45	0♓36	27°52	13°42	23°14	5°52	13°39	6°56	26° 2	17°R56	16°45	27°39	n.a.	W 9
T 10	10 50 16	14°32'57	8♓12	2°27	28°39	14°26	23°17	5°47	13°42	6°54	26° 3	17°55	16°41	27°46	n.a.	T 10
F 11	10 54 12	15°31'42	22°56	4°20	29°25	15°11	23°20	5°43	13°45	6°53	26° 4	17°52	16°38	27°52	n.a.	F 11
S 12	10 58 9	16°30'25	7♈50	6°15	0♉10	15°56	23°24	5°38	13°48	6°51	26° 5	17°49	16°35	27°59	n.a.	S 12
S 13	11 2 6	17°29'05	22°46	8°11	0°54	16°41	23°27	5°34	13°51	6°50	26° 6	17°45	16°32	28° 6	n.a.	S 13
M14	11 6 2	18°27'44	7♉36	10° 8	1°37	17°25	23°31	5°29	13°54	6°48	26° 7	17°40	16°29	28°12	n.a.	M14
T 15	11 9 59	19°26'20	22°13	12° 7	2°19	18°10	23°35	5°25	13°57	6°47	26° 8	17°37	16°25	28°19	n.a.	T 15
W16	11 13 55	20°24'53	6♊31	14° 7	3° 0	18°55	23°39	5°20	14° 0	6°45	26° 9	17°35	16°22	28°26	n.a.	W16
T 17	11 17 52	21°23'25	20°28	16° 9	3°40	19°40	23°43	5°16	14° 3	6°43	26°10	17°D34	16°19	28°33	n.a.	T 17
F 18	11 21 48	22°21'54	4♋ 4	18°11	4°19	20°24	23°47	5°12	14° 6	6°42	26°12	17°35	16°16	28°39	n.a.	F 18
S 19	11 25 45	23°20'21	17°20	20°16	4°56	21° 9	23°51	5° 7	14° 9	6°40	26°13	17°36	16°13	28°46	n.a.	S 19
S 20	11 29 41	24°18'46	0♌19	22°21	5°32	21°54	23°56	5° 3	14°11	6°39	26°14	17°37	16°10	28°53	n.a.	S 20
M21	11 33 38	25°17'08	13° 3	24°27	6° 7	22°38	24° 1	4°59	14°14	6°37	26°15	17°R38	16° 6	28°59	n.a.	M21
T 22	11 37 35	26°15'28	25°34	26°34	6°41	23°23	24° 6	4°55	14°17	6°36	26°16	17°38	16° 3	29° 6	n.a.	T 22
W23	11 41 31	27°13'46	7♍54	28°42	7°13	24° 8	24°11	4°51	14°20	6°34	26°17	17°36	16° 0	29°13	n.a.	W23
T 24	11 45 28	28°12'03	20° 6	0♈50	7°43	24°52	24°16	4°47	14°22	6°32	26°19	17°32	15°57	29°20	n.a.	T 24
F 25	11 49 24	29°10'17	2♎10	2°58	8°13	25°37	24°22	4°43	14°25	6°31	26°20	17°27	15°54	29°26	n.a.	F 25
S 26	11 53 21	0♈ 8'29	14° 9	5° 6	8°40	26°22	24°27	4°39	14°28	6°29	26°21	17°19	15°51	29°33	n.a.	S 26
S 27	11 57 17	1° 6'39	26° 4	7°14	9° 6	27° 6	24°33	4°35	14°30	6°27	26°22	17°11	15°47	29°40	n.a.	S 27
M28	12 1 14	2° 4'48	7♏56	9°21	9°30	27°51	24°39	4°31	14°33	6°26	26°24	17° 3	15°44	29°47	n.a.	M28
T 29	12 5 10	3° 2'55	19°49	11°28	9°53	28°36	24°45	4°27	14°36	6°24	26°25	16°55	15°41	29°53	n.a.	T 29
W30	12 9 7	4° 1'01	1♐44	13°33	10°13	29°20	24°51	4°23	14°38	6°23	26°26	16°49	15°38	29°59	n.a.	W30
T 31	12 13 3	4♈59'05	13♐45	15♈37	10♉32	0♒ 5	24♊57	4♍20	14♒41	6♎21	26♈27	16♌45	15♌35	0♏ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s32	10s28	5n13	18s11	2s15	11n29	3n24	24s18	0s48	23n59	0n27	11n37	2n34	17s43	0s42	1s 1	2n 1	2s31	13s35	15n40	15n53	5s57		n.a.
W 2	9 10	13 46	5 14	17 41	2 15	11 55	3 29	24 16	0 49	23 59	0 27	11 39	2 34	17 42	0 42	1 0	2 1	2 31	13 34	15 40	15 54	5 59		n.a.
T 3	8 48	16 31	5 1	17 9	2 15	12 20	3 35	24 14	0 50	23 59	0 27	11 41	2 34	17 41	0 42	1 0	2 1	2 30	13 34	15 40	15 55	6 1		n.a.
F 4	8 25	18 36	4 34	16 35	2 15	12 45	3 41	24 12	0 51	24 0	0 27	11 42	2 34	17 41	0 42	0 59	2 1	2 30	13 34	15 40	15 56	6 3		n.a.
S 5	8 3	19 50	3 54	15 59	2 14	13 9	3 46	24 9	0 52	24 0	0 27	11 44	2 34	17 40	0 42	0 58	2 1	2 29	13 34	15 40	15 57	6 5		n.a.
S 6	7 40	20 6	3 1	15 22	2 13	13 33	3 52	24 7	0 53	24 0	0 27	11 46	2 34	17 39	0 42	0 58	2 1	2 28	13 33	15 40	15 58	6 7		n.a.
M 7	7 18	19 17	1 57	14 44	2 11	13 56	3 57	24 3	0 54	24 0	0 27	11 48	2 34	17 38	0 42	0 57	2 1	2 28	13 33	15 39	15 59	6 9		n.a.
T 8	6 55	17 19	0 45	14 3	2 9	14 19	4 3	24 0	0 55	24 0	0 27	11 49	2 34	17 37	0 42	0 57	2 1	2 27	13 33	15 39	16 0	6 12		n.a.
W 9	6 32	14 16	0s32	13 21	2 6	14 42	4 8	23 57	0 56	24 0	0 27	11 51	2 34	17 36	0 42	0 56	2 1	2 27	13 33	15 39	16 1	6 14		n.a.
T 10	6 9	10 17	1 49	12 37	2 2	15 4	4 13	23 53	0 57	24 1	0 27	11 53	2 34	17 35	0 42	0 55	2 1	2 26	13 32	15 39	16 2	6 16		n.a.
F 11	5 46	5 36	3 0	11 52	1 58	15 25	4 19	23 49	0 58	24 1	0 27	11 55	2 34	17 34	0 42	0 55	2 1	2 26	13 32	15 40	16 3	6 18		n.a.
S 12	5 23	0 31	4 0	11 5	1 54	15 46	4 24	23 45	0 59	24 1	0 27	11 56	2 34	17 33	0 42	0 54	2 1	2 25	13 32	15 41	16 4	6 20		n.a.
S 13	5 0	4n35	4 44	10 17	1 49	16 7	4 29	23 40	1 0	24 1	0 27	11 58	2 34	17 33	0 42	0 54	2 1	2 24	13 32	15 42	16 5	6 22		n.a.
M14	4 37	9 22	5 8	9 27	1 43	16 27	4 34	23 35	1 1	24 1	0 27	12 0	2 34	17 32	0 42	0 53	2 1	2 24	13 32	15 44	16 6	6 24		n.a.
T 15	4 14	13 32	5 11	8 35	1 37	16 47	4 39	23 30	1 2	24 2	0 27	12 1	2 34	17 31	0 42	0 52	2 1	2 23	13 31	15 45	16 7	6 26		n.a.
W16	3 51	16 48	4 56	7 43	1 30	17 6	4 44	23 25	1 3	24 2	0 27	12 3	2 34	17 30	0 42	0 52	2 1	2 23	13 31	15 45	16 7	6 29		n.a.
T 17	3 27	19 1	4 23	6 48	1 23	17 24	4 48	23 20	1 4	24 2	0 27	12 4	2 34	17 29	0 42	0 51	2 1	2 22	13 31	15 46	16 8	6 31		n.a.
F 18	3 4	20 5	3 35	5 53	1 15	17 42	4 53	23 14	1 5	24 2	0 27	12 6	2 34	17 28	0 42	0 50	2 1	2 22	13 31	15 45	16 9	6 33		n.a.
S 19	2 41	19 59	2 38	4 56	1 7	17 59	4 57	23 8	1 6	24 3	0 27	12 8	2 34	17 28	0 42	0 50	2 1	2 21	13 31	15 45	16 10	6 35		n.a.
S 20	2 17	18 49	1 33	3 58	0 58	18 16	5 2	23 2	1 7	24 3	0 27	12 9	2 34	17 27	0 42	0 49	2 1	2 20	13 30	15 44	16 11	6 37		n.a.
M21	1 54	16 42	0 25	2 59	0 49	18 31	5 6	22 56	1 8	24 3	0 27	12 11	2 34	17 26	0 42	0 48	2 1	2 20	13 30	15 44	16 12	6 39		n.a.
T 22	1 30	13 50	0n43	1 59	0 40	18 47	5 10	22 49	1 9	24 3	0 27	12 12	2 33	17 25	0 42	0 48	2 1	2 19	13 30	15 44	16 13	6 41		n.a.
W23	1 7	10 23	1 48	0 59	0 30	19 1	5 14	22 42	1 10	24 4	0 27	12 14	2 33	17 24	0 42	0 47	2 1	2 19	13 30	15 45	16 14	6 44		n.a.
T 24	0 43	6 31	2 47	0n 2	0 20	19 15	5 18	22 35	1 11	24 4	0 27	12 15	2 33	17 24	0 42	0 46	2 1	2 18	13 30	15 46	16 15	6 46		n.a.
F 25	0 20	2 27	3 38	1 3	0 9	19 28	5 21	22 28	1 12	24 4	0 27	12 16	2 33	17 23	0 42	0 46	2 1	2 18	13 30	15 48	16 16	6 48		n.a.
S 26	0n 3	1s41	4 18	2 4	0n 1	19 40	5 25	22 20	1 13	24 4	0 27	12 18	2 33	17 22	0 42	0 45	2 1	2 17	13 29	15 50	16 17	6 50		n.a.
S 27	0 27	5 44	4 47	3 6	0 12	19 52	5 28	22 13	1 14	24 5	0 27	12 19	2 33	17 21	0 42	0 44	2 1	2 16	13 29	15 53	16 18	6 52		n.a.
M28	0 50	9 32	5 4	4 6	0 23	20 3	5 31	22 5	1 15	24 5	0 28	12 21	2 33	17 21	0 42	0 44	2 1	2 16	13 29	15 55	16 19	6 54		n.a.
T 29	1 14	12 59	5 7	5 7	0 34	20 13	5 33	21 57	1 16	24 5	0 28	12 22	2 33	17 20	0 42	0 43	2 1	2 15	13 29	15 57	16 20	6 56		n.a.
W30	1 37	15 54	4 58	6 6	0 45	20 22	5 36	21 48	1 17	24 6	0 28	12 23	2 33	17 19	0 42	0 43	2 1	2 15	13 29	15 59	16 21	6 58		n.a.
T 31	2n 0	18s11	4n35	7n 4	0n56	20n30	5n38	21s40	1s18	24n 6	0n28	12n24	2n33	17s18	0s42	0s42	2n 1	2s14	13s29	16n 1	16n22	7s 1		n.a.

Julian Day Number = 1594740.5, Delta T = 04h02m56s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'39, Lahiri = - 8°44'39 Julian Calendar 1 March 347 BCE == Greg. Calendar 24 Feb. 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

APRIL 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 17 0	5♈57'07	25♐56	17♈38	10♉49	0♒49	25♊ 4	4°R16	14♒43	6°R19	26♈29	16°R42	15♌31	0♏13	n.a.	F 1
S 2	12 20 57	6°55'08	8♑22	19°38	11° 4	1°34	25°10	4♍13	14°45	6♎18	26°30	16°D42	15°28	0°20	n.a.	S 2
S 3	12 24 53	7°53'07	21° 6	21°35	11°16	2°18	25°17	4° 9	14°48	6°16	26°31	16♌42	15°25	0°27	n.a.	S 3
M 4	12 28 50	8°51'06	4♒14	23°30	11°27	3° 3	25°24	4° 6	14°50	6°14	26°33	16°43	15°22	0°34	n.a.	M 4
T 5	12 32 46	9°49'02	17°49	25°22	11°36	3°47	25°31	4° 2	14°52	6°13	26°34	16°R44	15°19	0°40	n.a.	T 5
W 6	12 36 43	10°46'57	1♓52	27°11	11°42	4°32	25°38	3°59	14°55	6°11	26°35	16°43	15°16	0°47	n.a.	W 6
T 7	12 40 39	11°44'51	16°22	28°57	11°46	5°16	25°45	3°56	14°57	6°10	26°36	16°40	15°12	0°54	n.a.	T 7
F 8	12 44 36	12°42'43	1♈15	0♉39	11°R48	6° 1	25°53	3°53	14°59	6° 8	26°38	16°34	15° 9	1° 0	n.a.	F 8
S 9	12 48 32	13°40'34	16°25	2°18	11°48	6°45	26° 0	3°50	15° 1	6° 6	26°39	16°27	15° 6	1° 7	n.a.	S 9
S 10	12 52 29	14°38'23	1♉39	3°54	11°45	7°29	26° 8	3°47	15° 3	6° 5	26°40	16°18	15° 3	1°14	n.a.	S 10
M11	12 56 26	15°36'10	16°49	5°26	11°40	8°14	26°16	3°44	15° 6	6° 3	26°42	16°10	15° 0	1°21	n.a.	M11
T 12	13 0 22	16°33'56	1♊44	6°55	11°32	8°58	26°24	3°41	15° 8	6° 1	26°43	16° 2	14°56	1°27	n.a.	T 12
W13	13 4 19	17°31'40	16°16	8°20	11°22	9°42	26°32	3°39	15°10	6° 0	26°44	15°56	14°53	1°34	n.a.	W13
T 14	13 8 15	18°29'23	0♋23	9°41	11° 9	10°26	26°40	3°36	15°12	5°58	26°46	15°53	14°50	1°41	n.a.	T 14
F 15	13 12 12	19°27'03	14° 2	10°58	10°54	11°10	26°48	3°33	15°13	5°57	26°47	15°D52	14°47	1°47	n.a.	F 15
S 16	13 16 8	20°24'42	27°15	12°12	10°37	11°55	26°57	3°31	15°15	5°55	26°49	15°52	14°44	1°54	n.a.	S 16
S 17	13 20 5	21°22'20	10♌ 7	13°21	10°17	12°39	27° 5	3°29	15°17	5°54	26°50	15°R52	14°41	2° 1	n.a.	S 17
M18	13 24 1	22°19'55	22°40	14°27	9°55	13°23	27°14	3°26	15°19	5°52	26°51	15°52	14°37	2° 8	n.a.	M18
T 19	13 27 58	23°17'29	4♍59	15°28	9°31	14° 7	27°23	3°24	15°21	5°51	26°53	15°50	14°34	2°14	n.a.	T 19
W20	13 31 55	24°15'01	17° 8	16°25	9° 4	14°51	27°32	3°22	15°22	5°49	26°54	15°46	14°31	2°21	n.a.	W20
T 21	13 35 51	25°12'32	29° 9	17°19	8°36	15°35	27°41	3°20	15°24	5°47	26°55	15°40	14°28	2°28	n.a.	T 21
F 22	13 39 48	26°10'02	11♎ 6	18° 8	8° 6	16°18	27°50	3°18	15°26	5°46	26°57	15°30	14°25	2°34	n.a.	F 22
S 23	13 43 44	27° 7'30	23° 0	18°52	7°34	17° 2	27°59	3°16	15°27	5°44	26°58	15°19	14°22	2°41	n.a.	S 23
S 24	13 47 41	28° 4'57	4♏53	19°33	7° 1	17°46	28° 8	3°15	15°29	5°43	26°59	15° 6	14°18	2°48	n.a.	S 24
M25	13 51 37	29° 2'23	16°45	20° 8	6°26	18°30	28°18	3°13	15°30	5°41	27° 1	14°53	14°15	2°55	n.a.	M25
T 26	13 55 34	29°59'48	28°40	20°40	5°50	19°13	28°27	3°12	15°32	5°40	27° 2	14°41	14°12	3° 1	n.a.	T 26
W27	13 59 30	0♉57'12	10♐38	21° 7	5°14	19°57	28°37	3°10	15°33	5°39	27° 3	14°30	14° 9	3° 8	n.a.	W27
T 28	14 3 27	1°54'35	22°42	21°29	4°36	20°41	28°46	3° 9	15°35	5°37	27° 5	14°22	14° 6	3°15	n.a.	T 28
F 29	14 7 24	2°51'57	4♑55	21°46	3°59	21°24	28°56	3° 7	15°36	5°36	27° 6	14°17	14° 2	3°22	n.a.	F 29
S 30	14 11 20	3♉49'19	17♑21	21♉59	3♉21	22♒ 8	29♊ 6	3♍ 6	15♒37	5♎34	27♈ 8	14♌14	13♌59	3♏28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n24	19s42	3n59	8n 1	1n 6	20n37	5n40	21s31	1s19	24n 6	0n28	12n26	2n33	17s18	0s42	0s41	2n 1	2s14	13s29	16n 1	16n23	7s 3		n.a.
S 2	2 47	20 17	3 11	8 57	1 16	20 43	5 41	21 22	1 21	24 6	0 28	12 27	2 33	17 17	0 42	0 41	2 1	2 13	13 29	16 2	16 24	7 5		n.a.
S 3	3 10	19 52	2 13	9 51	1 26	20 49	5 43	21 13	1 22	24 7	0 28	12 28	2 32	17 16	0 42	0 40	2 1	2 12	13 28	16 1	16 25	7 7		n.a.
M 4	3 33	18 21	1 7	10 42	1 35	20 53	5 43	21 3	1 23	24 7	0 28	12 29	2 32	17 16	0 43	0 39	2 1	2 12	13 28	16 1	16 26	7 9		n.a.
T 5	3 56	15 46	0s 6	11 32	1 44	20 56	5 44	20 54	1 24	24 7	0 28	12 30	2 32	17 15	0 43	0 39	2 1	2 11	13 28	16 1	16 27	7 11		n.a.
W 6	4 19	12 11	1 20	12 20	1 52	20 58	5 44	20 44	1 25	24 8	0 28	12 31	2 32	17 14	0 43	0 38	2 1	2 11	13 28	16 1	16 28	7 13		n.a.
T 7	4 42	7 46	2 32	13 6	2 0	20 59	5 44	20 34	1 26	24 8	0 28	12 32	2 32	17 14	0 43	0 37	2 1	2 10	13 28	16 2	16 29	7 15		n.a.
F 8	5 5	2 47	3 35	13 49	2 7	20 59	5 43	20 24	1 27	24 8	0 28	12 34	2 32	17 13	0 43	0 37	2 1	2 10	13 28	16 4	16 29	7 18		n.a.
S 9	5 28	2n28	4 24	14 30	2 13	20 58	5 42	20 14	1 28	24 8	0 28	12 35	2 32	17 13	0 43	0 36	2 1	2 9	13 28	16 6	16 30	7 20		n.a.
S 10	5 50	7 35	4 55	15 9	2 19	20 56	5 40	20 3	1 29	24 9	0 28	12 35	2 32	17 12	0 43	0 35	2 1	2 8	13 28	16 9	16 31	7 22		n.a.
M11	6 13	12 12	5 5	15 45	2 24	20 52	5 38	19 53	1 30	24 9	0 28	12 36	2 31	17 11	0 43	0 35	2 1	2 8	13 28	16 11	16 32	7 24		n.a.
T 12	6 35	15 58	4 53	16 19	2 28	20 47	5 36	19 42	1 31	24 9	0 28	12 37	2 31	17 11	0 43	0 34	2 1	2 7	13 27	16 14	16 33	7 26		n.a.
W13	6 58	18 39	4 23	16 50	2 31	20 41	5 32	19 31	1 32	24 9	0 28	12 38	2 31	17 10	0 43	0 33	2 1	2 7	13 27	16 15	16 34	7 28		n.a.
T 14	7 20	20 6	3 38	17 19	2 33	20 33	5 29	19 20	1 33	24 10	0 28	12 39	2 31	17 10	0 43	0 33	2 1	2 6	13 27	16 16	16 35	7 30		n.a.
F 15	7 42	20 19	2 41	17 45	2 35	20 24	5 24	19 8	1 34	24 10	0 28	12 40	2 31	17 9	0 43	0 32	2 1	2 6	13 27	16 17	16 36	7 32		n.a.
S 16	8 4	19 22	1 38	18 9	2 36	20 14	5 20	18 57	1 35	24 10	0 28	12 41	2 31	17 9	0 43	0 32	2 1	2 5	13 27	16 17	16 37	7 35		n.a.
S 17	8 26	17 26	0 31	18 30	2 35	20 2	5 14	18 45	1 36	24 10	0 28	12 41	2 30	17 8	0 43	0 31	2 1	2 5	13 27	16 17	16 38	7 37		n.a.
M18	8 48	14 42	0n36	18 49	2 34	19 49	5 8	18 33	1 37	24 11	0 28	12 42	2 30	17 8	0 43	0 30	2 1	2 4	13 27	16 17	16 39	7 39		n.a.
T 19	9 9	11 21	1 40	19 6	2 32	19 35	5 1	18 21	1 38	24 11	0 28	12 43	2 30	17 7	0 43	0 30	2 1	2 4	13 27	16 17	16 40	7 41		n.a.
W20	9 31	7 34	2 38	19 20	2 29	19 20	4 54	18 9	1 39	24 11	0 28	12 43	2 30	17 7	0 43	0 29	2 1	2 3	13 27	16 18	16 41	7 43		n.a.
T 21	9 52	3 31	3 28	19 32	2 26	19 3	4 46	17 57	1 40	24 11	0 28	12 44	2 30	17 6	0 43	0 29	2 1	2 3	13 27	16 20	16 42	7 45		n.a.
F 22	10 13	0s38	4 9	19 41	2 21	18 44	4 37	17 45	1 41	24 11	0 28	12 44	2 30	17 6	0 43	0 28	2 1	2 2	13 27	16 23	16 43	7 47		n.a.
S 23	10 34	4 44	4 39	19 49	2 15	18 25	4 28	17 32	1 42	24 12	0 28	12 45	2 29	17 5	0 43	0 27	2 1	2 2	13 27	16 27	16 44	7 49		n.a.
S 24	10 55	8 40	4 56	19 53	2 8	18 5	4 18	17 20	1 43	24 12	0 28	12 45	2 29	17 5	0 43	0 27	2 1	2 1	13 27	16 30	16 44	7 52		n.a.
M25	11 16	12 15	5 1	19 56	2 1	17 43	4 8	17 7	1 44	24 12	0 28	12 46	2 29	17 4	0 43	0 26	2 1	2 1	13 27	16 34	16 45	7 54		n.a.
T 26	11 37	15 22	4 52	19 56	1 52	17 20	3 57	16 54	1 45	24 12	0 28	12 46	2 29	17 4	0 43	0 26	2 1	2 0	13 27	16 38	16 46	7 56		n.a.
W27	11 57	17 51	4 31	19 54	1 43	16 57	3 45	16 41	1 46	24 12	0 29	12 46	2 29	17 4	0 43	0 25	2 1	2 0	13 27	16 41	16 47	7 58		n.a.
T 28	12 17	19 35	3 57	19 50	1 32	16 33	3 33	16 28	1 47	24 12	0 29	12 47	2 29	17 3	0 43	0 25	2 1	1 59	13 27	16 43	16 48	8 0		n.a.
F 29	12 37	20 27	3 12	19 44	1 21	16 8	3 21	16 14	1 48	24 12	0 29	12 47	2 28	17 3	0 43	0 24	2 1	1 59	13 27	16 45	16 49	8 2		n.a.
S 30	12n57	20s20	2n17	19n36	1n 9	15n43	3n 8	16s 1	1s49	24n13	0n29	12n47	2n28	17s 2	0s43	0s24	2n 1	1s58	13s27	16n46	16n50	8s 4		n.a.

Julian Day Number = 1594771.5, Delta T = 04h02m55s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'35, Lahiri = - 8°44'35 Julian Calendar 1 Apr. 347 BCE == Greg. Calendar 27 March 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

MAY 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 15 17	4♉46'39	0♒ 3	22♉ 8	2°R43	22♒51	29♊16	3°R 5	15♒38	5°R33	27♈ 9	14°R13	13♌56	3♏35	n.a.	S 1
M 2	14 19 13	5°43'59	13° 7	22°R11	2♉ 6	23°35	29°26	3♍ 4	15°40	5♎32	27°10	14♌13	13°53	3°42	n.a.	M 2
T 3	14 23 10	6°41'19	26°34	22°10	1°29	24°18	29°36	3° 3	15°41	5°30	27°12	14°13	13°50	3°48	n.a.	T 3
W 4	14 27 6	7°38'37	10♓30	22° 5	0°53	25° 1	29°46	3° 3	15°42	5°29	27°13	14°11	13°47	3°55	n.a.	W 4
T 5	14 31 3	8°35'55	24°53	21°55	0°18	25°44	29°57	3° 2	15°43	5°28	27°14	14° 7	13°43	4° 2	n.a.	T 5
F 6	14 34 59	9°33'13	9♈41	21°41	29♈44	26°27	0♋ 7	3° 1	15°44	5°26	27°16	14° 0	13°40	4° 9	n.a.	F 6
S 7	14 38 56	10°30'29	24°49	21°24	29°12	27°10	0°18	3° 1	15°45	5°25	27°17	13°51	13°37	4°15	n.a.	S 7
S 8	14 42 53	11°27'46	10♉ 7	21° 3	28°41	27°53	0°28	3° 1	15°46	5°24	27°18	13°41	13°34	4°22	n.a.	S 8
M 9	14 46 49	12°25'01	25°24	20°38	28°12	28°36	0°39	3° 0	15°47	5°23	27°20	13°30	13°31	4°29	n.a.	M 9
T 10	14 50 46	13°22'16	10♊28	20°11	27°45	29°19	0°50	3° 0	15°47	5°21	27°21	13°20	13°27	4°35	n.a.	T 10
W11	14 54 42	14°19'30	25°11	19°41	27°19	0♓ 2	1° 1	3°D 0	15°48	5°20	27°22	13°13	13°24	4°42	n.a.	W11
T 12	14 58 39	15°16'43	9♋26	19°10	26°56	0°45	1°12	3° 0	15°49	5°19	27°23	13° 7	13°21	4°49	n.a.	T 12
F 13	15 2 35	16°13'55	23°12	18°37	26°35	1°27	1°23	3° 0	15°50	5°18	27°25	13° 5	13°18	4°56	n.a.	F 13
S 14	15 6 32	17°11'06	6♌30	18° 3	26°17	2°10	1°34	3° 1	15°50	5°17	27°26	13° 4	13°15	5° 2	n.a.	S 14
S 15	15 10 28	18° 8'17	19°22	17°29	26° 1	2°52	1°45	3° 1	15°51	5°16	27°27	13° 4	13°12	5° 9	n.a.	S 15
M16	15 14 25	19° 5'26	1♍54	16°56	25°47	3°35	1°56	3° 1	15°51	5°15	27°29	13° 3	13° 8	5°16	n.a.	M16
T 17	15 18 22	20° 2'35	14° 9	16°23	25°35	4°17	2° 7	3° 2	15°52	5°14	27°30	13° 2	13° 5	5°23	n.a.	T 17
W18	15 22 18	20°59'43	26°13	15°52	25°26	4°59	2°19	3° 2	15°52	5°12	27°31	12°57	13° 2	5°29	n.a.	W18
T 19	15 26 15	21°56'51	8♎10	15°23	25°19	5°41	2°30	3° 3	15°53	5°11	27°32	12°51	12°59	5°36	n.a.	T 19
F 20	15 30 11	22°53'58	20° 2	14°56	25°15	6°23	2°41	3° 4	15°53	5°11	27°34	12°41	12°56	5°43	n.a.	F 20
S 21	15 34 8	23°51'04	1♏54	14°33	25°D13	7° 5	2°53	3° 5	15°53	5°10	27°35	12°30	12°53	5°49	n.a.	S 21
S 22	15 38 4	24°48'10	13°47	14°12	25°13	7°47	3° 5	3° 6	15°53	5° 9	27°36	12°17	12°49	5°56	n.a.	S 22
M23	15 42 1	25°45'16	25°43	13°56	25°16	8°29	3°16	3° 7	15°54	5° 8	27°37	12° 3	12°46	6° 3	n.a.	M23
T 24	15 45 57	26°42'21	7♐43	13°43	25°20	9°10	3°28	3° 8	15°54	5° 7	27°39	11°51	12°43	6°10	n.a.	T 24
W25	15 49 54	27°39'27	19°49	13°35	25°28	9°52	3°40	3°10	15°54	5° 6	27°40	11°40	12°40	6°16	n.a.	W25
T 26	15 53 51	28°36'32	2♑ 1	13°D31	25°37	10°33	3°52	3°11	15°R54	5° 5	27°41	11°32	12°37	6°23	n.a.	T 26
F 27	15 57 47	29°33'37	14°22	13°32	25°48	11°14	4° 3	3°13	15°54	5° 4	27°42	11°27	12°33	6°30	n.a.	F 27
S 28	16 1 44	0♊30'43	26°55	13°38	26° 2	11°56	4°15	3°14	15°54	5° 4	27°43	11°24	12°30	6°37	n.a.	S 28
S 29	16 5 40	1°27'48	9♒42	13°48	26°17	12°37	4°27	3°16	15°54	5° 3	27°45	11°D23	12°27	6°43	n.a.	S 29
M30	16 9 37	2°24'54	22°46	14° 4	26°34	13°18	4°40	3°18	15°54	5° 2	27°46	11°23	12°24	6°50	n.a.	M30
T 31	16 13 33	3♊22'00	6♓11	14♉24	26♈54	13♓59	4♋52	3♍20	15♒53	5♎ 2	27♈47	11°R23	12♌21	6♏57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	13n16	19s11	1n14	19n25	0n56	15n18	2n54	15s47	1s50	24n13	0n29	12n48	2n28	17s 2	0s43	0s23	2n 1	1s58	13s27	16n46	16n51	8s 6			n.a.
M 2	13 36	17 0	0 6	19 13	0 42	14 52	2 41	15 34	1 51	24 13	0 29	12 48	2 28	17 2	0 43	0 23	2 1	1 57	13 27	16 46	16 52	8 8			n.a.
T 3	13 55	13 50	1s 5	18 58	0 27	14 26	2 27	15 20	1 51	24 13	0 29	12 48	2 28	17 2	0 44	0 22	2 1	1 57	13 27	16 46	16 53	8 11			n.a.
W 4	14 14	9 47	2 14	18 42	0 12	14 0	2 13	15 6	1 52	24 13	0 29	12 48	2 27	17 1	0 44	0 22	2 1	1 56	13 27	16 47	16 54	8 13			n.a.
T 5	14 33	5 4	3 17	18 24	0s 4	13 34	1 59	14 52	1 53	24 13	0 29	12 48	2 27	17 1	0 44	0 21	2 1	1 56	13 27	16 48	16 55	8 15			n.a.
F 6	14 51	0n 5	4 9	18 5	0 20	13 9	1 45	14 38	1 54	24 13	0 29	12 48	2 27	17 1	0 44	0 21	2 1	1 55	13 27	16 50	16 56	8 17			n.a.
S 7	15 9	5 19	4 44	17 44	0 37	12 44	1 31	14 24	1 55	24 13	0 29	12 48	2 27	17 0	0 44	0 20	2 1	1 55	13 27	16 52	16 57	8 19			n.a.
S 8	15 27	10 17	5 0	17 23	0 54	12 20	1 17	14 10	1 56	24 13	0 29	12 48	2 27	17 0	0 44	0 20	2 1	1 55	13 27	16 55	16 57	8 21			n.a.
M 9	15 45	14 35	4 54	17 0	1 11	11 57	1 3	13 56	1 57	24 13	0 29	12 48	2 26	17 0	0 44	0 19	2 1	1 54	13 27	16 59	16 58	8 23			n.a.
T 10	16 3	17 53	4 28	16 36	1 28	11 34	0 49	13 41	1 58	24 13	0 29	12 48	2 26	17 0	0 44	0 19	2 1	1 54	13 27	17 1	16 59	8 25			n.a.
W11	16 20	19 55	3 44	16 12	1 45	11 12	0 36	13 27	1 59	24 13	0 29	12 48	2 26	17 0	0 44	0 18	2 1	1 53	13 27	17 4	17 0	8 28			n.a.
T 12	16 37	20 36	2 48	15 47	2 1	10 51	0 22	13 12	2 0	24 13	0 29	12 47	2 26	16 59	0 44	0 18	2 1	1 53	13 27	17 5	17 1	8 30			n.a.
F 13	16 54	20 1	1 43	15 23	2 17	10 31	0 9	12 58	2 1	24 13	0 29	12 47	2 26	16 59	0 44	0 17	2 1	1 53	13 27	17 6	17 2	8 32			n.a.
S 14	17 10	18 19	0 35	14 59	2 32	10 13	0s 4	12 43	2 2	24 13	0 29	12 47	2 25	16 59	0 44	0 17	2 0	1 52	13 27	17 6	17 3	8 34			n.a.
S 15	17 27	15 43	0n33	14 35	2 47	9 55	0 16	12 29	2 2	24 13	0 29	12 47	2 25	16 59	0 44	0 17	2 0	1 52	13 27	17 6	17 4	8 36			n.a.
M16	17 43	12 27	1 38	14 13	3 1	9 39	0 28	12 14	2 3	24 13	0 29	12 46	2 25	16 59	0 44	0 16	2 0	1 51	13 27	17 6	17 5	8 38			n.a.
T 17	17 58	8 43	2 36	13 51	3 13	9 23	0 40	11 59	2 4	24 12	0 29	12 46	2 25	16 59	0 44	0 16	2 0	1 51	13 27	17 7	17 6	8 40			n.a.
W18	18 14	4 41	3 27	13 31	3 25	9 9	0 51	11 44	2 5	24 12	0 29	12 45	2 25	16 59	0 44	0 15	2 0	1 51	13 28	17 8	17 7	8 42			n.a.
T 19	18 29	0 31	4 8	13 13	3 35	8 57	1 3	11 29	2 6	24 12	0 29	12 45	2 24	16 59	0 44	0 15	2 0	1 50	13 28	17 10	17 8	8 44			n.a.
F 20	18 44	3s39	4 38	12 57	3 44	8 45	1 13	11 14	2 7	24 12	0 29	12 44	2 24	16 58	0 44	0 15	2 0	1 50	13 28	17 13	17 8	8 47			n.a.
S 21	18 58	7 40	4 55	12 42	3 52	8 35	1 23	10 59	2 7	24 12	0 30	12 44	2 24	16 58	0 44	0 14	2 0	1 50	13 28	17 16	17 9	8 49			n.a.
S 22	19 12	11 24	5 0	12 30	3 58	8 26	1 33	10 44	2 8	24 12	0 30	12 43	2 24	16 58	0 44	0 14	2 0	1 49	13 28	17 20	17 10	8 51			n.a.
M23	19 26	14 42	4 52	12 21	4 3	8 18	1 43	10 29	2 9	24 11	0 30	12 43	2 24	16 58	0 44	0 14	2 0	1 49	13 28	17 23	17 11	8 53			n.a.
T 24	19 40	17 25	4 31	12 13	4 7	8 11	1 52	10 14	2 10	24 11	0 30	12 42	2 23	16 58	0 44	0 13	2 0	1 49	13 28	17 27	17 12	8 55			n.a.
W25	19 53	19 24	3 57	12 9	4 9	8 6	2 0	9 59	2 11	24 11	0 30	12 41	2 23	16 58	0 44	0 13	2 0	1 48	13 28	17 30	17 13	8 57			n.a.
T 26	20 6	20 31	3 13	12 7	4 11	8 2	2 9	9 44	2 12	24 10	0 30	12 41	2 23	16 58	0 44	0 13	2 0	1 48	13 28	17 32	17 14	8 59			n.a.
F 27	20 18	20 40	2 18	12 7	4 10	7 59	2 16	9 28	2 12	24 10	0 30	12 40	2 23	16 58	0 44	0 13	2 0	1 48	13 28	17 34	17 15	9 1			n.a.
S 28	20 31	19 47	1 16	12 10	4 9	7 57	2 24	9 13	2 13	24 10	0 30	12 39	2 22	16 59	0 45	0 12	2 0	1 47	13 28	17 34	17 16	9 3			n.a.
S 29	20 43	17 54	0 9	12 16	4 6	7 56	2 31	8 58	2 14	24 9	0 30	12 38	2 22	16 59	0 45	0 12	2 0	1 47	13 29	17 35	17 17	9 6			n.a.
M30	20 54	15 3	1s 0	12 24	4 3	7 56	2 38	8 43	2 15	24 9	0 30	12 37	2 22	16 59	0 45	0 12	2 0	1 47	13 29	17 35	17 18	9 8			n.a.
T 31	21n 5	11s20	2s 8	12n34	3s58	7n57	2s44	8s27	2s15	24n 9	0n30	12n37	2n22	16s59	0s45	0s12	2n 0	1s46	13s29	17n35	17n18	9s10			n.a.

Julian Day Number = 1594801.5, Delta T = 04h02m53s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'31, Lahiri = - 8°44'31 Julian Calendar 1 May 347 BCE == Greg. Calendar 26 Apr. 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

JUNE 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 17 30	4♊19'06	19♓59	14♉49	27♈15	14♓40	5♋ 4	3♍22	15°R53	5°R 1	27♈48	11°R22	12♌18	7♏ 3	n.a.	W 1
T 2	16 21 26	5°16'13	4♈11	15°19	27°37	15°20	5°16	3°24	15♒53	5♎ 0	27°49	11♌19	12°14	7°10	n.a.	T 2
F 3	16 25 23	6°13'20	18°46	15°54	28° 2	16° 1	5°28	3°26	15°53	5° 0	27°50	11°14	12°11	7°17	n.a.	F 3
S 4	16 29 20	7°10'27	3♉39	16°34	28°28	16°41	5°41	3°28	15°52	4°59	27°51	11° 7	12° 8	7°24	n.a.	S 4
S 5	16 33 16	8° 7'35	18°45	17°18	28°55	17°21	5°53	3°30	15°52	4°59	27°52	10°58	12° 5	7°30	n.a.	S 5
M 6	16 37 13	9° 4'43	3♊52	18° 7	29°24	18° 2	6° 5	3°33	15°51	4°58	27°53	10°49	12° 2	7°37	n.a.	M 6
T 7	16 41 9	10° 1'52	18°51	19° 1	29°55	18°42	6°18	3°35	15°51	4°58	27°55	10°41	11°59	7°44	n.a.	T 7
W 8	16 45 6	10°59'00	3♋32	20° 0	0♉27	19°22	6°30	3°38	15°50	4°57	27°56	10°34	11°55	7°50	n.a.	W 8
T 9	16 49 2	11°56'09	17°50	21° 2	1° 0	20° 1	6°43	3°41	15°49	4°57	27°57	10°30	11°52	7°57	n.a.	T 9
F 10	16 52 59	12°53'18	1♌40	22°10	1°35	20°41	6°55	3°44	15°49	4°56	27°58	10°28	11°49	8° 4	n.a.	F 10
S 11	16 56 56	13°50'27	15° 2	23°22	2°11	21°20	7° 8	3°47	15°48	4°56	27°59	10°D27	11°46	8°11	n.a.	S 11
S 12	17 0 52	14°47'36	27°59	24°38	2°48	22° 0	7°20	3°50	15°47	4°56	28° 0	10°28	11°43	8°17	n.a.	S 12
M13	17 4 49	15°44'46	10♍33	25°58	3°26	22°39	7°33	3°53	15°46	4°55	28° 1	10°R29	11°39	8°24	n.a.	M13
T 14	17 8 45	16°41'55	22°50	27°23	4° 5	23°18	7°46	3°56	15°46	4°55	28° 2	10°29	11°36	8°31	n.a.	T 14
W15	17 12 42	17°39'05	4♎54	28°51	4°45	23°57	7°59	3°59	15°45	4°55	28° 3	10°27	11°33	8°38	n.a.	W15
T 16	17 16 38	18°36'15	16°50	0♊24	5°27	24°35	8°11	4° 2	15°44	4°55	28° 3	10°23	11°30	8°44	n.a.	T 16
F 17	17 20 35	19°33'25	28°42	2° 0	6° 9	25°14	8°24	4° 6	15°43	4°54	28° 4	10°18	11°27	8°51	n.a.	F 17
S 18	17 24 31	20°30'35	10♏35	3°40	6°52	25°52	8°37	4° 9	15°42	4°54	28° 5	10°10	11°24	8°58	n.a.	S 18
S 19	17 28 28	21°27'47	22°30	5°24	7°36	26°30	8°50	4°13	15°41	4°54	28° 6	10° 2	11°20	9° 4	n.a.	S 19
M20	17 32 25	22°24'58	4♐31	7°11	8°21	27° 9	9° 3	4°17	15°40	4°54	28° 7	9°53	11°17	9°11	n.a.	M20
T 21	17 36 21	23°22'11	16°39	9° 2	9° 7	27°46	9°16	4°20	15°38	4°54	28° 8	9°44	11°14	9°18	n.a.	T 21
W22	17 40 18	24°19'24	28°56	10°55	9°54	28°24	9°28	4°24	15°37	4°D54	28° 9	9°37	11°11	9°25	n.a.	W22
T 23	17 44 14	25°16'38	11♑21	12°51	10°42	29° 2	9°41	4°28	15°36	4°54	28°10	9°32	11° 8	9°31	n.a.	T 23
F 24	17 48 11	26°13'52	23°58	14°49	11°30	29°39	9°54	4°32	15°35	4°54	28°10	9°29	11° 5	9°38	n.a.	F 24
S 25	17 52 7	27°11'08	6♒45	16°49	12°19	0♈16	10° 7	4°36	15°33	4°54	28°11	9°D28	11° 1	9°45	n.a.	S 25
S 26	17 56 4	28° 8'25	19°45	18°51	13° 9	0°53	10°20	4°40	15°32	4°54	28°12	9°28	10°58	9°52	n.a.	S 26
M27	18 0 0	29° 5'42	3♓ 0	20°55	13°59	1°30	10°33	4°45	15°31	4°55	28°13	9°29	10°55	9°58	n.a.	M27
T 28	18 3 57	0♋ 3'01	16°30	22°59	14°50	2° 7	10°46	4°49	15°29	4°55	28°13	9°31	10°52	10° 5	n.a.	T 28
W29	18 7 54	1° 0'21	0♈17	25° 4	15°42	2°43	10°59	4°53	15°28	4°55	28°14	9°R31	10°49	10°12	n.a.	W29
T 30	18 11 50	1♋57'42	14♈22	27♊10	16♉35	3♈19	11♋13	4♍58	15♒26	4♎55	28♈15	9♌31	10♌45	10♏18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n16	6s55	3s10	12n47	3s53	7n59	2s50	8s12	2s16	24n 8	0n30	12n36	2n22	16s59	0s45	0s11	2n 0	1s46	13s29	17n35	17n19	9s12		n.a.
T 2	21 27	2 1	4 2	13 2	3 46	8 2	2 55	7 57	2 17	24 8	0 30	12 35	2 21	16 59	0 45	0 11	2 0	1 46	13 29	17 36	17 20	9 14		n.a.
F 3	21 37	3n 7	4 41	13 19	3 39	8 6	3 1	7 42	2 18	24 7	0 30	12 34	2 21	16 59	0 45	0 11	1 59	1 46	13 29	17 37	17 21	9 16		n.a.
S 4	21 47	8 10	5 1	13 38	3 31	8 10	3 6	7 26	2 18	24 7	0 30	12 33	2 21	16 59	0 45	0 11	1 59	1 45	13 29	17 39	17 22	9 18		n.a.
S 5	21 56	12 48	5 1	13 59	3 22	8 16	3 10	7 11	2 19	24 6	0 30	12 32	2 21	16 59	0 45	0 11	1 59	1 45	13 30	17 42	17 23	9 20		n.a.
M 6	22 5	16 36	4 40	14 22	3 12	8 22	3 14	6 56	2 20	24 6	0 30	12 31	2 21	17 0	0 45	0 11	1 59	1 45	13 30	17 44	17 24	9 22		n.a.
T 7	22 14	19 17	3 59	14 46	3 2	8 29	3 18	6 41	2 21	24 5	0 30	12 29	2 20	17 0	0 45	0 10	1 59	1 45	13 30	17 46	17 25	9 24		n.a.
W 8	22 22	20 37	3 4	15 12	2 51	8 37	3 22	6 25	2 21	24 5	0 31	12 28	2 20	17 0	0 45	0 10	1 59	1 45	13 30	17 48	17 26	9 27		n.a.
T 9	22 30	20 35	1 58	15 40	2 40	8 46	3 25	6 10	2 22	24 4	0 31	12 27	2 20	17 0	0 45	0 10	1 59	1 44	13 30	17 49	17 27	9 29		n.a.
F 10	22 37	19 16	0 47	16 9	2 29	8 55	3 29	5 55	2 23	24 4	0 31	12 26	2 20	17 1	0 45	0 10	1 59	1 44	13 30	17 50	17 27	9 31		n.a.
S 11	22 45	16 55	0n25	16 38	2 17	9 4	3 31	5 40	2 23	24 3	0 31	12 25	2 20	17 1	0 45	0 10	1 59	1 44	13 31	17 50	17 28	9 33		n.a.
S 12	22 51	13 46	1 33	17 9	2 4	9 15	3 34	5 25	2 24	24 2	0 31	12 23	2 19	17 1	0 45	0 10	1 59	1 44	13 31	17 50	17 29	9 35		n.a.
M13	22 58	10 4	2 34	17 40	1 52	9 25	3 36	5 10	2 25	24 2	0 31	12 22	2 19	17 1	0 45	0 10	1 59	1 44	13 31	17 50	17 30	9 37		n.a.
T 14	23 4	6 3	3 27	18 12	1 39	9 37	3 38	4 55	2 25	24 1	0 31	12 21	2 19	17 2	0 45	0 10	1 59	1 43	13 31	17 50	17 31	9 39		n.a.
W15	23 9	1 51	4 10	18 45	1 26	9 49	3 40	4 40	2 26	24 0	0 31	12 19	2 19	17 2	0 45	0 10	1 59	1 43	13 31	17 50	17 32	9 41		n.a.
T 16	23 14	2s22	4 41	19 17	1 13	10 1	3 42	4 25	2 27	24 0	0 31	12 18	2 19	17 2	0 45	0 10	1 59	1 43	13 31	17 51	17 33	9 43		n.a.
F 17	23 19	6 28	5 0	19 50	1 0	10 14	3 43	4 10	2 27	23 59	0 31	12 16	2 19	17 3	0 45	0 10	1 59	1 43	13 32	17 53	17 34	9 45		n.a.
S 18	23 23	10 20	5 7	20 22	0 48	10 27	3 44	3 55	2 28	23 58	0 31	12 15	2 18	17 3	0 45	0 10	1 59	1 43	13 32	17 55	17 35	9 47		n.a.
S 19	23 27	13 48	4 59	20 54	0 35	10 40	3 45	3 40	2 28	23 57	0 31	12 13	2 18	17 3	0 45	0 10	1 58	1 43	13 32	17 57	17 35	9 50		n.a.
M20	23 31	16 44	4 39	21 25	0 22	10 54	3 46	3 25	2 29	23 57	0 31	12 12	2 18	17 4	0 45	0 10	1 58	1 43	13 32	18 0	17 36	9 52		n.a.
T 21	23 34	18 59	4 6	21 55	0 10	11 8	3 47	3 11	2 29	23 56	0 31	12 10	2 18	17 4	0 45	0 10	1 58	1 42	13 32	18 2	17 37	9 54		n.a.
W22	23 37	20 23	3 21	22 23	0n 2	11 23	3 47	2 56	2 30	23 55	0 31	12 9	2 18	17 4	0 45	0 10	1 58	1 42	13 33	18 4	17 38	9 56		n.a.
T 23	23 39	20 49	2 26	22 50	0 13	11 37	3 47	2 41	2 31	23 54	0 32	12 7	2 17	17 5	0 45	0 10	1 58	1 42	13 33	18 5	17 39	9 58		n.a.
F 24	23 41	20 13	1 23	23 16	0 24	11 52	3 47	2 27	2 31	23 53	0 32	12 5	2 17	17 5	0 46	0 10	1 58	1 42	13 33	18 6	17 40	10 0		n.a.
S 25	23 42	18 35	0 15	23 39	0 35	12 7	3 47	2 12	2 32	23 52	0 32	12 4	2 17	17 6	0 46	0 10	1 58	1 42	13 33	18 6	17 41	10 2		n.a.
S 26	23 43	15 57	0s56	24 0	0 45	12 23	3 46	1 58	2 32	23 51	0 32	12 2	2 17	17 6	0 46	0 10	1 58	1 42	13 33	18 6	17 42	10 4		n.a.
M27	23 44	12 27	2 4	24 19	0 54	12 38	3 46	1 44	2 33	23 50	0 32	12 0	2 17	17 7	0 46	0 10	1 58	1 42	13 34	18 6	17 42	10 6		n.a.
T 28	23 44	8 16	3 7	24 35	1 3	12 54	3 45	1 29	2 33	23 49	0 32	11 59	2 17	17 7	0 46	0 11	1 58	1 42	13 34	18 5	17 43	10 8		n.a.
W29	23 44	3 34	4 1	24 49	1 11	13 10	3 44	1 15	2 34	23 48	0 32	11 57	2 16	17 7	0 46	0 11	1 58	1 42	13 34	18 5	17 44	10 10		n.a.
T 30	23n43	1n25	4s42	25n 0	1n18	13n26	3s43	1s 1	2s34	23n47	0n32	11n55	2n16	17s 8	0s46	0s11	1n58	1s42	13s34	18n 5	17n45	10s13		n.a.

Julian Day Number = 1594832.5, Delta T = 04h02m52s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'27, Lahiri = - 8°44'26 Julian Calendar 1 June 347 BCE == Greg. Calendar 27 May 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

JULY 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 15 47	2♋55'05	28♈43	29♊16	17♉28	3♈55	11♋26	5♍ 2	15°R25	4♎56	28♈16	9°R29	10♌42	10♏25	n.a.	F 1
S 2	18 19 43	3°52'29	13♉17	1♋21	18°21	4°31	11°39	5° 7	15♒23	4°56	28°16	9♌25	10°39	10°32	n.a.	S 2
S 3	18 23 40	4°49'54	28° 0	3°27	19°15	5° 6	11°52	5°11	15°21	4°56	28°17	9°20	10°36	10°39	n.a.	S 3
M 4	18 27 36	5°47'21	12♊45	5°31	20°10	5°42	12° 5	5°16	15°20	4°57	28°17	9°15	10°33	10°45	n.a.	M 4
T 5	18 31 33	6°44'49	27°25	7°35	21° 5	6°17	12°18	5°21	15°18	4°57	28°18	9°11	10°30	10°52	n.a.	T 5
W 6	18 35 29	7°42'18	11♋51	9°38	22° 1	6°52	12°31	5°26	15°16	4°57	28°19	9° 8	10°26	10°59	n.a.	W 6
T 7	18 39 26	8°39'49	26° 0	11°40	22°57	7°26	12°44	5°31	15°15	4°58	28°19	9° 5	10°23	11° 6	n.a.	T 7
F 8	18 43 23	9°37'20	9♌45	13°41	23°54	8° 1	12°58	5°36	15°13	4°58	28°20	9°D 5	10°20	11°12	n.a.	F 8
S 9	18 47 19	10°34'53	23° 7	15°40	24°51	8°35	13°11	5°41	15°11	4°59	28°20	9° 5	10°17	11°19	n.a.	S 9
S 10	18 51 16	11°32'26	6♍ 5	17°38	25°48	9° 9	13°24	5°46	15° 9	5° 0	28°21	9° 7	10°14	11°26	n.a.	S 10
M11	18 55 12	12°30'01	18°42	19°35	26°46	9°42	13°37	5°51	15° 7	5° 0	28°21	9° 8	10°11	11°32	n.a.	M11
T 12	18 59 9	13°27'36	1♎ 1	21°30	27°45	10°15	13°50	5°57	15° 5	5° 1	28°22	9°10	10° 7	11°39	n.a.	T 12
W13	19 3 5	14°25'13	13° 7	23°24	28°44	10°48	14° 3	6° 2	15° 3	5° 1	28°22	9°R10	10° 4	11°46	n.a.	W13
T 14	19 7 2	15°22'51	25° 5	25°17	29°43	11°21	14°17	6° 7	15° 1	5° 2	28°23	9°10	10° 1	11°53	n.a.	T 14
F 15	19 10 58	16°20'30	6♏58	27° 8	0♊42	11°54	14°30	6°13	14°59	5° 3	28°23	9° 9	9°58	11°59	n.a.	F 15
S 16	19 14 55	17°18'10	18°52	28°57	1°42	12°26	14°43	6°18	14°57	5° 4	28°23	9° 6	9°55	12° 6	n.a.	S 16
S 17	19 18 52	18°15'51	0♐50	0♌45	2°42	12°58	14°56	6°24	14°55	5° 4	28°24	9° 3	9°51	12°13	n.a.	S 17
M18	19 22 48	19°13'34	12°56	2°32	3°43	13°29	15° 9	6°30	14°53	5° 5	28°24	9° 0	9°48	12°19	n.a.	M18
T 19	19 26 45	20°11'18	25°12	4°17	4°44	14° 1	15°22	6°35	14°51	5° 6	28°25	8°57	9°45	12°26	n.a.	T 19
W20	19 30 41	21° 9'03	7♑40	6° 1	5°45	14°32	15°36	6°41	14°49	5° 7	28°25	8°55	9°42	12°33	n.a.	W20
T 21	19 34 38	22° 6'50	20°22	7°44	6°47	15° 3	15°49	6°47	14°47	5° 8	28°25	8°53	9°39	12°40	n.a.	T 21
F 22	19 38 34	23° 4'39	3♒17	9°25	7°49	15°33	16° 2	6°53	14°45	5° 9	28°25	8°D52	9°36	12°46	n.a.	F 22
S 23	19 42 31	24° 2'29	16°26	11° 5	8°51	16° 3	16°15	6°59	14°43	5°10	28°26	8°52	9°32	12°53	n.a.	S 23
S 24	19 46 28	25° 0'21	29°49	12°43	9°54	16°33	16°28	7° 5	14°40	5°11	28°26	8°53	9°29	13° 0	n.a.	S 24
M25	19 50 24	25°58'15	13♓24	14°20	10°56	17° 2	16°41	7°11	14°38	5°12	28°26	8°54	9°26	13° 7	n.a.	M25
T 26	19 54 21	26°56'10	27°10	15°56	12° 0	17°31	16°54	7°17	14°36	5°13	28°26	8°55	9°23	13°13	n.a.	T 26
W27	19 58 17	27°54'08	11♈ 7	17°30	13° 3	18° 0	17° 7	7°23	14°34	5°14	28°26	8°56	9°20	13°20	n.a.	W27
T 28	20 2 14	28°52'07	25°13	19° 3	14° 7	18°28	17°20	7°29	14°31	5°15	28°27	8°R56	9°16	13°27	n.a.	T 28
F 29	20 6 10	29°50'09	9♉27	20°35	15°11	18°56	17°33	7°35	14°29	5°16	28°27	8°56	9°13	13°33	n.a.	F 29
S 30	20 10 7	0♌48'12	23°45	22° 5	16°15	19°24	17°46	7°41	14°27	5°17	28°27	8°56	9°10	13°40	n.a.	S 30
S 31	20 14 3	1♌46'18	8♊ 5	23♌34	17♊19	19♈51	17♋59	7♍48	14♒24	5♎19	28♈27	8♌55	9♌ 7	13♏47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n42	6n24	5s 6	25n 8	1n24	13n42	3s42	0s47	2s35	23n46	0n32	11n53	2n16	17s 8	0s46	0s11	1n58	1s42	13s34	18n 6	17n46	10s15		n.a.
S 2	23 41	11 5	5 10	25 13	1 30	13 58	3 41	0 33	2 35	23 45	0 32	11 51	2 16	17 9	0 46	0 11	1 58	1 42	13 35	18 7	17 47	10 17		n.a.
S 3	23 39	15 10	4 55	25 16	1 34	14 14	3 39	0 19	2 36	23 44	0 32	11 49	2 16	17 9	0 46	0 11	1 58	1 42	13 35	18 8	17 48	10 19		n.a.
M 4	23 36	18 19	4 20	25 16	1 39	14 30	3 38	0 6	2 36	23 43	0 32	11 48	2 16	17 10	0 46	0 12	1 58	1 42	13 35	18 10	17 49	10 21		n.a.
T 5	23 34	20 15	3 28	25 13	1 42	14 47	3 36	0n 8	2 36	23 42	0 32	11 46	2 15	17 11	0 46	0 12	1 57	1 42	13 35	18 11	17 49	10 23		n.a.
W 6	23 30	20 49	2 23	25 7	1 44	15 3	3 34	0 22	2 37	23 41	0 33	11 44	2 15	17 11	0 46	0 12	1 57	1 42	13 36	18 12	17 50	10 25		n.a.
T 7	23 27	20 3	1 11	24 59	1 46	15 19	3 32	0 35	2 37	23 39	0 33	11 42	2 15	17 12	0 46	0 12	1 57	1 42	13 36	18 12	17 51	10 27		n.a.
F 8	23 23	18 5	0n 4	24 48	1 48	15 35	3 30	0 48	2 38	23 38	0 33	11 40	2 15	17 12	0 46	0 13	1 57	1 42	13 36	18 12	17 52	10 29		n.a.
S 9	23 18	15 11	1 16	24 36	1 48	15 51	3 28	1 2	2 38	23 37	0 33	11 38	2 15	17 13	0 46	0 13	1 57	1 42	13 36	18 12	17 53	10 31		n.a.
S 10	23 14	11 36	2 23	24 21	1 48	16 7	3 26	1 15	2 38	23 36	0 33	11 36	2 15	17 13	0 46	0 13	1 57	1 42	13 37	18 12	17 54	10 33		n.a.
M11	23 8	7 35	3 20	24 4	1 47	16 23	3 24	1 28	2 39	23 35	0 33	11 33	2 15	17 14	0 46	0 13	1 57	1 42	13 37	18 11	17 55	10 35		n.a.
T 12	23 3	3 22	4 7	23 44	1 46	16 38	3 21	1 41	2 39	23 33	0 33	11 31	2 14	17 15	0 46	0 14	1 57	1 42	13 37	18 11	17 56	10 37		n.a.
W13	22 57	0s55	4 43	23 24	1 44	16 54	3 18	1 53	2 39	23 32	0 33	11 29	2 14	17 15	0 46	0 14	1 57	1 42	13 37	18 11	17 56	10 40		n.a.
T 14	22 50	5 6	5 5	23 1	1 42	17 9	3 16	2 6	2 40	23 31	0 33	11 27	2 14	17 16	0 46	0 14	1 57	1 42	13 38	18 11	17 57	10 42		n.a.
F 15	22 43	9 4	5 14	22 37	1 39	17 24	3 13	2 19	2 40	23 29	0 33	11 25	2 14	17 16	0 46	0 15	1 57	1 42	13 38	18 11	17 58	10 44		n.a.
S 16	22 36	12 41	5 10	22 11	1 36	17 39	3 10	2 31	2 40	23 28	0 33	11 23	2 14	17 17	0 46	0 15	1 57	1 42	13 38	18 12	17 59	10 46		n.a.
S 17	22 28	15 49	4 52	21 44	1 32	17 54	3 7	2 43	2 41	23 27	0 33	11 21	2 14	17 18	0 46	0 15	1 57	1 43	13 38	18 13	18 0	10 48		n.a.
M18	22 20	18 19	4 21	21 16	1 28	18 9	3 4	2 55	2 41	23 25	0 34	11 18	2 14	17 18	0 46	0 16	1 57	1 43	13 39	18 14	18 1	10 50		n.a.
T 19	22 12	20 1	3 38	20 47	1 24	18 23	3 1	3 7	2 41	23 24	0 34	11 16	2 14	17 19	0 46	0 16	1 57	1 43	13 39	18 14	18 2	10 52		n.a.
W20	22 3	20 47	2 44	20 16	1 19	18 37	2 58	3 19	2 41	23 22	0 34	11 14	2 13	17 20	0 46	0 17	1 57	1 43	13 39	18 15	18 2	10 54		n.a.
T 21	21 54	20 31	1 40	19 45	1 14	18 51	2 55	3 31	2 42	23 21	0 34	11 11	2 13	17 20	0 46	0 17	1 56	1 43	13 39	18 16	18 3	10 56		n.a.
F 22	21 44	19 10	0 31	19 13	1 8	19 4	2 51	3 43	2 42	23 19	0 34	11 9	2 13	17 21	0 46	0 18	1 56	1 43	13 40	18 16	18 4	10 58		n.a.
S 23	21 34	16 46	0s42	18 39	1 2	19 17	2 48	3 54	2 42	23 18	0 34	11 7	2 13	17 22	0 46	0 18	1 56	1 43	13 40	18 16	18 5	11 0		n.a.
S 24	21 24	13 26	1 53	18 6	0 56	19 30	2 44	4 5	2 42	23 16	0 34	11 4	2 13	17 22	0 46	0 18	1 56	1 43	13 40	18 16	18 6	11 2		n.a.
M25	21 13	9 22	3 0	17 31	0 49	19 42	2 41	4 17	2 42	23 15	0 34	11 2	2 13	17 23	0 46	0 19	1 56	1 44	13 40	18 15	18 7	11 4		n.a.
T 26	21 2	4 45	3 56	16 56	0 43	19 54	2 37	4 28	2 42	23 13	0 34	11 0	2 13	17 24	0 46	0 19	1 56	1 44	13 41	18 15	18 8	11 6		n.a.
W27	20 50	0n10	4 40	16 21	0 36	20 6	2 34	4 39	2 43	23 12	0 34	10 57	2 13	17 24	0 46	0 20	1 56	1 44	13 41	18 15	18 8	11 8		n.a.
T 28	20 38	5 6	5 8	15 45	0 29	20 18	2 30	4 49	2 43	23 10	0 35	10 55	2 13	17 25	0 46	0 20	1 56	1 44	13 41	18 15	18 9	11 10		n.a.
F 29	20 26	9 49	5 17	15 9	0 21	20 29	2 26	5 0	2 43	23 8	0 35	10 52	2 12	17 26	0 46	0 21	1 56	1 44	13 41	18 15	18 10	11 13		n.a.
S 30	20 14	14 0	5 6	14 32	0 14	20 39	2 23	5 10	2 43	23 7	0 35	10 50	2 12	17 26	0 46	0 21	1 56	1 45	13 42	18 15	18 11	11 15		n.a.
S 31	20n 1	17n22	4s37	13n55	0n 6	20n49	2s19	5n21	2s43	23n 5	0n35	10n48	2n12	17s27	0s46	0s22	1n56	1s45	13s42	18n15	18n12	11s17		n.a.

Julian Day Number = 1594862.5, Delta T = 04h02m51s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'23, Lahiri = - 8°44'22 Julian Calendar 1 July 347 BCE == Greg. Calendar 26 June 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

AUGUST 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 18 0	2♌44'26	22♊23	25♌ 2	18♊24	20♈18	18♋12	7♍54	14°R22	5♎20	28♈27	8°R54	9♌ 4	13♏54	n.a.	M 1
T 2	20 21 56	3°42'36	6♋34	26°28	19°29	20°44	18°25	8° 0	14♒20	5°21	28°27	8♌54	9° 1	14° 0	n.a.	T 2
W 3	20 25 53	4°40'48	20°36	27°53	20°34	21°10	18°38	8° 7	14°17	5°22	28°R27	8°53	8°57	14° 7	n.a.	W 3
T 4	20 29 50	5°39'01	4♌24	29°16	21°40	21°35	18°51	8°13	14°15	5°24	28°27	8°D53	8°54	14°14	n.a.	T 4
F 5	20 33 46	6°37'17	17°55	0♍38	22°45	22° 0	19° 4	8°20	14°13	5°25	28°27	8°53	8°51	14°21	n.a.	F 5
S 6	20 37 43	7°35'34	1♍ 7	1°59	23°51	22°25	19°17	8°26	14°10	5°27	28°27	8°53	8°48	14°27	n.a.	S 6
S 7	20 41 39	8°33'53	14° 1	3°18	24°57	22°49	19°29	8°33	14° 8	5°28	28°27	8°R53	8°45	14°34	n.a.	S 7
M 8	20 45 36	9°32'14	26°36	4°35	26° 4	23°13	19°42	8°39	14° 5	5°29	28°27	8°53	8°42	14°41	n.a.	M 8
T 9	20 49 32	10°30'37	8♎56	5°51	27°10	23°36	19°55	8°46	14° 3	5°31	28°27	8°53	8°38	14°47	n.a.	T 9
W10	20 53 29	11°29'01	21° 3	7° 5	28°17	23°59	20° 8	8°53	14° 1	5°32	28°27	8°53	8°35	14°54	n.a.	W10
T 11	20 57 25	12°27'27	3♏ 1	8°18	29°24	24°21	20°20	9° 0	13°58	5°34	28°26	8°53	8°32	15° 1	n.a.	T 11
F 12	21 1 22	13°25'55	14°55	9°28	0♋31	24°42	20°33	9° 6	13°56	5°35	28°26	8°D53	8°29	15° 8	n.a.	F 12
S 13	21 5 19	14°24'24	26°49	10°37	1°38	25° 4	20°46	9°13	13°53	5°37	28°26	8°53	8°26	15°14	n.a.	S 13
S 14	21 9 15	15°22'56	8♐47	11°44	2°45	25°24	20°58	9°20	13°51	5°38	28°26	8°53	8°22	15°21	n.a.	S 14
M15	21 13 12	16°21'29	20°55	12°48	3°53	25°44	21°11	9°27	13°49	5°40	28°26	8°54	8°19	15°28	n.a.	M15
T 16	21 17 8	17°20'04	3♑16	13°50	5° 1	26° 4	21°23	9°34	13°46	5°42	28°25	8°55	8°16	15°34	n.a.	T 16
W17	21 21 5	18°18'40	15°52	14°50	6° 9	26°23	21°35	9°41	13°44	5°43	28°25	8°56	8°13	15°41	n.a.	W17
T 18	21 25 1	19°17'19	28°47	15°47	7°17	26°41	21°48	9°48	13°41	5°45	28°25	8°56	8°10	15°48	n.a.	T 18
F 19	21 28 58	20°16'00	12♒ 1	16°41	8°25	26°59	22° 0	9°54	13°39	5°47	28°24	8°R56	8° 7	15°55	n.a.	F 19
S 20	21 32 54	21°14'42	25°34	17°32	9°34	27°16	22°13	10° 1	13°37	5°48	28°24	8°56	8° 3	16° 1	n.a.	S 20
S 21	21 36 51	22°13'27	9♓23	18°20	10°42	27°33	22°25	10° 8	13°34	5°50	28°24	8°55	8° 0	16° 8	n.a.	S 21
M22	21 40 48	23°12'14	23°26	19° 4	11°51	27°49	22°37	10°15	13°32	5°52	28°23	8°53	7°57	16°15	n.a.	M22
T 23	21 44 44	24°11'03	7♈38	19°45	13° 0	28° 4	22°49	10°23	13°30	5°54	28°23	8°51	7°54	16°22	n.a.	T 23
W24	21 48 41	25° 9'54	21°56	20°21	14° 9	28°19	23° 1	10°30	13°27	5°55	28°23	8°49	7°51	16°28	n.a.	W24
T 25	21 52 37	26° 8'48	6♉14	20°53	15°18	28°33	23°13	10°37	13°25	5°57	28°22	8°48	7°48	16°35	n.a.	T 25
F 26	21 56 34	27° 7'44	20°31	21°20	16°28	28°46	23°25	10°44	13°22	5°59	28°22	8°47	7°44	16°42	n.a.	F 26
S 27	22 0 30	28° 6'43	4♊42	21°42	17°37	28°59	23°37	10°51	13°20	6° 1	28°21	8°D47	7°41	16°48	n.a.	S 27
S 28	22 4 27	29° 5'44	18°46	21°58	18°47	29°11	23°49	10°58	13°18	6° 3	28°21	8°48	7°38	16°55	n.a.	S 28
M29	22 8 23	0♍ 4'48	2♋41	22° 8	19°57	29°22	24° 1	11° 5	13°16	6° 5	28°20	8°49	7°35	17° 2	n.a.	M29
T 30	22 12 20	1° 3'54	16°26	22°R12	21° 7	29°33	24°13	11°12	13°13	6° 7	28°20	8°50	7°32	17° 9	n.a.	T 30
W31	22 16 16	2♍ 3'03	0♌ 1	22♍ 9	22♋17	29♈42	24♋24	11♍20	13♒11	6♎ 8	28♈19	8♌51	7♌28	17♏15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	19n47	19n41	3s50	13n18	0s 2	20n59	2s15	5n31	2s43	23n 4	0n35	10n45	2n12	17s28	0s46	0s22	1n56	1s45	13s42	18n15	18n13	11s19			n.a.
T 2	19 34	20 45	2 50	12 41	0 10	21 8	2 11	5 41	2 43	23 2	0 35	10 43	2 12	17 28	0 46	0 23	1 56	1 45	13 42	18 15	18 14	11 21			n.a.
W 3	19 20	20 30	1 40	12 4	0 19	21 17	2 7	5 50	2 43	23 0	0 35	10 40	2 12	17 29	0 46	0 24	1 56	1 45	13 43	18 16	18 14	11 23			n.a.
T 4	19 5	19 0	0 25	11 27	0 27	21 25	2 3	6 0	2 43	22 58	0 35	10 37	2 12	17 30	0 46	0 24	1 56	1 46	13 43	18 16	18 15	11 25			n.a.
F 5	18 51	16 26	0n50	10 50	0 35	21 33	1 59	6 9	2 43	22 57	0 35	10 35	2 12	17 31	0 46	0 25	1 56	1 46	13 43	18 16	18 16	11 27			n.a.
S 6	18 36	13 5	2 0	10 13	0 44	21 40	1 55	6 19	2 43	22 55	0 36	10 32	2 12	17 31	0 46	0 25	1 56	1 46	13 43	18 16	18 17	11 29			n.a.
S 7	18 21	9 10	3 3	9 36	0 52	21 47	1 51	6 28	2 43	22 53	0 36	10 30	2 12	17 32	0 46	0 26	1 56	1 46	13 44	18 16	18 18	11 31			n.a.
M 8	18 5	4 57	3 55	9 0	1 1	21 53	1 47	6 37	2 43	22 52	0 36	10 27	2 12	17 33	0 46	0 27	1 56	1 47	13 44	18 16	18 19	11 33			n.a.
T 9	17 49	0 37	4 35	8 24	1 10	21 59	1 43	6 45	2 43	22 50	0 36	10 25	2 12	17 33	0 46	0 27	1 55	1 47	13 44	18 16	18 19	11 35			n.a.
W10	17 33	3s39	5 2	7 48	1 19	22 4	1 39	6 54	2 43	22 48	0 36	10 22	2 12	17 34	0 46	0 28	1 55	1 47	13 44	18 16	18 20	11 37			n.a.
T 11	17 17	7 44	5 15	7 13	1 27	22 9	1 35	7 2	2 43	22 46	0 36	10 19	2 11	17 35	0 46	0 28	1 55	1 48	13 45	18 16	18 21	11 39			n.a.
F 12	17 0	11 29	5 15	6 38	1 36	22 13	1 31	7 10	2 42	22 44	0 36	10 17	2 11	17 35	0 46	0 29	1 55	1 48	13 45	18 16	18 22	11 41			n.a.
S 13	16 43	14 48	5 2	6 4	1 45	22 17	1 27	7 18	2 42	22 43	0 36	10 14	2 11	17 36	0 46	0 30	1 55	1 48	13 45	18 16	18 23	11 43			n.a.
S 14	16 25	17 31	4 35	5 30	1 54	22 20	1 23	7 26	2 42	22 41	0 37	10 11	2 11	17 37	0 46	0 30	1 55	1 48	13 45	18 16	18 24	11 45			n.a.
M15	16 8	19 30	3 56	4 57	2 2	22 22	1 18	7 34	2 42	22 39	0 37	10 9	2 11	17 38	0 46	0 31	1 55	1 49	13 46	18 15	18 25	11 47			n.a.
T 16	15 50	20 37	3 5	4 25	2 11	22 24	1 14	7 41	2 42	22 37	0 37	10 6	2 11	17 38	0 46	0 32	1 55	1 49	13 46	18 15	18 25	11 49			n.a.
W17	15 32	20 43	2 4	3 54	2 19	22 25	1 10	7 48	2 41	22 35	0 37	10 3	2 11	17 39	0 46	0 33	1 55	1 49	13 46	18 15	18 26	11 51			n.a.
T 18	15 13	19 45	0 56	3 25	2 28	22 26	1 6	7 55	2 41	22 33	0 37	10 1	2 11	17 40	0 46	0 33	1 55	1 50	13 46	18 15	18 27	11 53			n.a.
F 19	14 55	17 40	0s17	2 56	2 36	22 26	1 2	8 2	2 41	22 32	0 37	9 58	2 11	17 40	0 46	0 34	1 55	1 50	13 47	18 15	18 28	11 55			n.a.
S 20	14 36	14 35	1 31	2 28	2 44	22 25	0 58	8 8	2 40	22 30	0 37	9 55	2 11	17 41	0 46	0 35	1 55	1 50	13 47	18 15	18 29	11 58			n.a.
S 21	14 16	10 37	2 40	2 3	2 52	22 24	0 54	8 15	2 40	22 28	0 38	9 53	2 11	17 42	0 46	0 35	1 55	1 51	13 47	18 15	18 30	12 0			n.a.
M22	13 57	6 2	3 42	1 38	2 59	22 22	0 50	8 21	2 39	22 26	0 38	9 50	2 11	17 42	0 46	0 36	1 55	1 51	13 47	18 16	18 30	12 2			n.a.
T 23	13 37	1 4	4 30	1 16	3 6	22 20	0 46	8 27	2 39	22 24	0 38	9 47	2 11	17 43	0 46	0 37	1 55	1 51	13 48	18 16	18 31	12 4			n.a.
W24	13 18	3n59	5 2	0 55	3 13	22 17	0 42	8 32	2 39	22 22	0 38	9 44	2 11	17 44	0 46	0 38	1 55	1 52	13 48	18 17	18 32	12 6			n.a.
T 25	12 57	8 49	5 15	0 37	3 19	22 13	0 38	8 38	2 38	22 20	0 38	9 42	2 11	17 45	0 46	0 38	1 55	1 52	13 48	18 17	18 33	12 8			n.a.
F 26	12 37	13 8	5 9	0 21	3 25	22 9	0 34	8 43	2 38	22 18	0 38	9 39	2 11	17 45	0 46	0 39	1 55	1 53	13 48	18 17	18 34	12 10			n.a.
S 27	12 17	16 41	4 44	0 7	3 30	22 4	0 30	8 48	2 37	22 16	0 38	9 36	2 11	17 46	0 46	0 40	1 55	1 53	13 48	18 17	18 34	12 12			n.a.
S 28	11 56	19 14	4 2	0s 3	3 34	21 58	0 26	8 53	2 36	22 14	0 39	9 33	2 11	17 46	0 46	0 41	1 55	1 53	13 49	18 17	18 35	12 14			n.a.
M29	11 35	20 36	3 6	0 10	3 38	21 52	0 22	8 58	2 36	22 12	0 39	9 31	2 11	17 47	0 46	0 42	1 55	1 54	13 49	18 17	18 36	12 16			n.a.
T 30	11 14	20 43	2 0	0 14	3 41	21 45	0 18	9 2	2 35	22 10	0 39	9 28	2 11	17 48	0 46	0 42	1 55	1 54	13 49	18 16	18 37	12 18			n.a.
W31	10n52	19n37	0s49	0s15	3s42	21n38	0s14	9n 6	2s34	22n 9	0n39	9n25	2n11	17s48	0s46	0s43	1n55	1s54	13s49	18n16	18n38	12s20			n.a.

Julian Day Number = 1594893.5, Delta T = 04h02m50s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'19, Lahiri = - 8°44'18 Julian Calendar 1 Aug. 347 BCE == Greg. Calendar 27 July 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

SEPTEMBER 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 20 13	3♍ 2'13	13♌23	21°R59	23♋28	29♈51	24♋36	11♍27	13°R 9	6♎10	28°R19	8°R52	7♌25	17♏22	n.a.	T 1
F 2	22 24 10	4° 1'26	26°32	21♍41	24°38	29°59	24°47	11°34	13♒ 7	6°12	28♈18	8♌51	7°22	17°29	n.a.	F 2
S 3	22 28 6	5° 0'41	9♍28	21°15	25°48	0♉ 7	24°59	11°41	13° 4	6°14	28°17	8°48	7°19	17°35	n.a.	S 3
S 4	22 32 3	5°59'58	22°10	20°42	26°59	0°14	25°10	11°48	13° 2	6°16	28°17	8°44	7°16	17°42	n.a.	S 4
M 5	22 35 59	6°59'17	4♎39	20° 0	28°10	0°20	25°22	11°56	13° 0	6°18	28°16	8°40	7°13	17°49	n.a.	M 5
T 6	22 39 56	7°58'39	16°55	19°11	29°21	0°25	25°33	12° 3	12°58	6°20	28°15	8°35	7° 9	17°56	n.a.	T 6
W 7	22 43 52	8°58'02	29° 0	18°16	0♌32	0°29	25°44	12°10	12°56	6°22	28°15	8°30	7° 6	18° 2	n.a.	W 7
T 8	22 47 49	9°57'27	10♏57	17°14	1°43	0°32	25°55	12°17	12°54	6°24	28°14	8°25	7° 3	18° 9	n.a.	T 8
F 9	22 51 45	10°56'54	22°49	16° 7	2°54	0°34	26° 6	12°25	12°52	6°26	28°13	8°22	7° 0	18°16	n.a.	F 9
S 10	22 55 42	11°56'23	4♐41	14°56	4° 6	0°36	26°17	12°32	12°50	6°29	28°13	8°21	6°57	18°23	n.a.	S 10
S 11	22 59 38	12°55'54	16°37	13°44	5°17	0°R37	26°28	12°39	12°48	6°31	28°12	8°D20	6°54	18°29	n.a.	S 11
M12	23 3 35	13°55'27	28°43	12°32	6°29	0°37	26°39	12°46	12°46	6°33	28°11	8°21	6°50	18°36	n.a.	M12
T 13	23 7 32	14°55'02	11♑ 3	11°23	7°40	0°36	26°50	12°54	12°44	6°35	28°10	8°23	6°47	18°43	n.a.	T 13
W14	23 11 28	15°54'38	23°41	10°17	8°52	0°34	27° 0	13° 1	12°42	6°37	28°10	8°25	6°44	18°49	n.a.	W14
T 15	23 15 25	16°54'17	6♒41	9°18	10° 4	0°31	27°11	13° 8	12°40	6°39	28° 9	8°R25	6°41	18°56	n.a.	T 15
F 16	23 19 21	17°53'57	20° 6	8°27	11°16	0°28	27°21	13°15	12°38	6°41	28° 8	8°25	6°38	19° 3	n.a.	F 16
S 17	23 23 18	18°53'40	3♓56	7°45	12°28	0°23	27°32	13°23	12°37	6°43	28° 7	8°22	6°34	19°10	n.a.	S 17
S 18	23 27 14	19°53'24	18° 8	7°14	13°40	0°18	27°42	13°30	12°35	6°46	28° 6	8°18	6°31	19°16	n.a.	S 18
M19	23 31 11	20°53'10	2♈38	6°53	14°53	0°11	27°52	13°37	12°33	6°48	28° 5	8°12	6°28	19°23	n.a.	M19
T 20	23 35 7	21°52'59	17°20	6°D44	16° 5	0° 4	28° 2	13°44	12°31	6°50	28° 5	8° 5	6°25	19°30	n.a.	T 20
W21	23 39 4	22°52'49	2♉ 5	6°46	17°18	29♈56	28°12	13°51	12°30	6°52	28° 4	7°58	6°22	19°36	n.a.	W21
T 22	23 43 1	23°52'42	16°47	6°59	18°30	29°47	28°22	13°59	12°28	6°54	28° 3	7°52	6°19	19°43	n.a.	T 22
F 23	23 46 57	24°52'37	1♊18	7°22	19°43	29°38	28°32	14° 6	12°26	6°57	28° 2	7°48	6°15	19°50	n.a.	F 23
S 24	23 50 54	25°52'35	15°35	7°55	20°56	29°27	28°42	14°13	12°25	6°59	28° 1	7°46	6°12	19°57	n.a.	S 24
S 25	23 54 50	26°52'35	29°35	8°37	22° 9	29°15	28°51	14°20	12°23	7° 1	28° 0	7°D45	6° 9	20° 3	n.a.	S 25
M26	23 58 47	27°52'38	13♋18	9°27	23°21	29° 3	29° 1	14°27	12°22	7° 3	27°59	7°46	6° 6	20°10	n.a.	M26
T 27	0 2 43	28°52'42	26°45	10°25	24°35	28°50	29°10	14°34	12°20	7° 5	27°58	7°47	6° 3	20°17	n.a.	T 27
W28	0 6 40	29°52'49	9♌58	11°28	25°48	28°36	29°20	14°41	12°19	7° 8	27°57	7°R48	5°59	20°24	n.a.	W28
T 29	0 10 36	0♎52'58	22°57	12°38	27° 1	28°21	29°29	14°48	12°18	7°10	27°56	7°46	5°56	20°30	n.a.	T 29
F 30	0 14 33	1♎53'09	5♍44	13♍52	28♌14	28♈ 6	29♋38	14♍56	12♒16	7♎12	27♈55	7♌43	5♌53	20♏37	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n31	17n24	0n25	0s11	3s43	21n30	0s11	9n10	2s34	22n 7	0n39	9n22	2n11	17s49	0s46	0s44	1n55	1s55	13s50	18n16	18n39	12s22		n.a.
F 2	10 9	14 19	1 36	0 3	3 42	21 21	0 7	9 14	2 33	22 5	0 39	9 19	2 11	17 50	0 46	0 45	1 54	1 55	13 50	18 16	18 39	12 24		n.a.
S 3	9 47	10 35	2 40	0n 9	3 39	21 12	0 3	9 17	2 32	22 3	0 39	9 17	2 11	17 50	0 46	0 46	1 54	1 56	13 50	18 17	18 40	12 26		n.a.
S 4	9 25	6 26	3 35	0 27	3 35	21 2	0n 1	9 20	2 31	22 1	0 40	9 14	2 11	17 51	0 46	0 46	1 54	1 56	13 50	18 18	18 41	12 28		n.a.
M 5	9 3	2 5	4 19	0 48	3 29	20 51	0 4	9 23	2 30	21 59	0 40	9 11	2 11	17 52	0 46	0 47	1 54	1 56	13 50	18 19	18 42	12 30		n.a.
T 6	8 41	2s16	4 50	1 15	3 22	20 40	0 8	9 26	2 29	21 57	0 40	9 8	2 11	17 52	0 46	0 48	1 54	1 57	13 51	18 20	18 43	12 32		n.a.
W 7	8 18	6 27	5 8	1 45	3 12	20 28	0 11	9 28	2 28	21 55	0 40	9 6	2 11	17 53	0 46	0 49	1 54	1 57	13 51	18 22	18 44	12 34		n.a.
T 8	7 56	10 21	5 12	2 20	3 0	20 16	0 15	9 30	2 27	21 53	0 40	9 3	2 11	17 53	0 46	0 50	1 54	1 58	13 51	18 23	18 44	12 36		n.a.
F 9	7 33	13 50	5 2	2 59	2 47	20 3	0 18	9 32	2 26	21 51	0 40	9 0	2 11	17 54	0 46	0 51	1 54	1 58	13 51	18 24	18 45	12 38		n.a.
S 10	7 10	16 45	4 40	3 41	2 31	19 49	0 22	9 34	2 25	21 49	0 41	8 57	2 11	17 54	0 46	0 51	1 54	1 59	13 51	18 24	18 46	12 40		n.a.
S 11	6 47	18 59	4 5	4 25	2 14	19 35	0 25	9 35	2 24	21 47	0 41	8 54	2 11	17 55	0 46	0 52	1 54	1 59	13 52	18 24	18 47	12 42		n.a.
M12	6 24	20 24	3 19	5 9	1 56	19 20	0 28	9 36	2 23	21 45	0 41	8 52	2 11	17 56	0 46	0 53	1 54	1 59	13 52	18 24	18 48	12 44		n.a.
T 13	6 1	20 53	2 24	5 54	1 36	19 5	0 31	9 37	2 21	21 43	0 41	8 49	2 11	17 56	0 46	0 54	1 54	2 0	13 52	18 24	18 48	12 46		n.a.
W14	5 37	20 20	1 19	6 38	1 16	18 49	0 35	9 38	2 20	21 41	0 41	8 46	2 11	17 57	0 46	0 55	1 54	2 0	13 52	18 23	18 49	12 48		n.a.
T 15	5 14	18 41	0 9	7 19	0 56	18 33	0 38	9 38	2 19	21 39	0 41	8 43	2 11	17 57	0 46	0 56	1 54	2 1	13 52	18 23	18 50	12 50		n.a.
F 16	4 50	15 57	1s 3	7 57	0 35	18 16	0 41	9 38	2 17	21 38	0 42	8 40	2 11	17 58	0 46	0 57	1 54	2 1	13 52	18 23	18 51	12 52		n.a.
S 17	4 27	12 16	2 14	8 32	0 15	17 58	0 44	9 38	2 16	21 36	0 42	8 38	2 11	17 58	0 46	0 57	1 54	2 2	13 53	18 24	18 52	12 54		n.a.
S 18	4 3	7 47	3 18	9 1	0n 4	17 40	0 47	9 38	2 14	21 34	0 42	8 35	2 11	17 59	0 46	0 58	1 54	2 2	13 53	18 25	18 52	12 56		n.a.
M19	3 39	2 46	4 11	9 26	0 22	17 22	0 49	9 37	2 12	21 32	0 42	8 32	2 11	17 59	0 46	0 59	1 54	2 2	13 53	18 26	18 53	12 58		n.a.
T 20	3 15	2n27	4 48	9 45	0 38	17 3	0 52	9 36	2 11	21 30	0 42	8 29	2 11	18 0	0 46	1 0	1 54	2 3	13 53	18 28	18 54	13 0		n.a.
W21	2 52	7 33	5 6	9 58	0 54	16 43	0 55	9 35	2 9	21 28	0 42	8 27	2 12	18 0	0 46	1 1	1 54	2 3	13 53	18 30	18 55	13 2		n.a.
T 22	2 28	12 12	5 4	10 6	1 8	16 23	0 58	9 33	2 7	21 26	0 43	8 24	2 12	18 0	0 46	1 2	1 54	2 4	13 53	18 32	18 56	13 4		n.a.
F 23	2 4	16 4	4 43	10 8	1 20	16 2	1 0	9 32	2 5	21 25	0 43	8 21	2 12	18 1	0 46	1 3	1 54	2 4	13 53	18 33	18 56	13 6		n.a.
S 24	1 40	18 54	4 4	10 6	1 30	15 41	1 3	9 30	2 3	21 23	0 43	8 18	2 12	18 1	0 46	1 4	1 54	2 5	13 54	18 33	18 57	13 8		n.a.
S 25	1 15	20 33	3 11	9 58	1 40	15 20	1 5	9 27	2 1	21 21	0 43	8 16	2 12	18 2	0 46	1 5	1 54	2 5	13 54	18 33	18 58	13 10		n.a.
M26	0 51	20 56	2 8	9 46	1 47	14 58	1 8	9 25	1 59	21 19	0 43	8 13	2 12	18 2	0 46	1 5	1 54	2 6	13 54	18 33	18 59	13 12		n.a.
T 27	0 27	20 6	0 59	9 30	1 54	14 35	1 10	9 22	1 57	21 17	0 44	8 10	2 12	18 2	0 46	1 6	1 54	2 6	13 54	18 33	19 0	13 14		n.a.
W28	0 3	18 9	0n12	9 10	1 59	14 12	1 12	9 19	1 55	21 16	0 44	8 8	2 12	18 3	0 46	1 7	1 54	2 6	13 54	18 33	19 0	13 16		n.a.
T 29	0s21	15 18	1 20	8 47	2 2	13 49	1 14	9 16	1 53	21 14	0 44	8 5	2 12	18 3	0 46	1 8	1 54	2 7	13 54	18 33	19 1	13 18		n.a.
F 30	0s46	11n45	2n24	8n20	2n 5	13n25	1n16	9n12	1s51	21n12	0n44	8n 2	2n12	18s 4	0s46	1s 9	1n54	2s 7	13s54	18n34	19n 2	13s20		n.a.

Julian Day Number = 1594924.5, Delta T = 04h02m49s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'14, Lahiri = - 8°44'14 Julian Calendar 1 Sept. 347 BCE == Greg. Calendar 27 Aug. 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

OCTOBER 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 18 30	2♎53'22	18♍21	15♍10	29♌27	27°R49	29♋47	15♍ 3	12°R15	7♎14	27°R54	7°R37	5♌50	20♏44	n.a.	S 1
S 2	0 22 26	3°53'37	0♎48	16°32	0♍41	27♈32	29°56	15°10	12♒14	7°17	27♈53	7♌28	5°47	20°50	n.a.	S 2
M 3	0 26 23	4°53'54	13° 5	17°57	1°54	27°15	0♌ 4	15°17	12°13	7°19	27°52	7°17	5°44	20°57	n.a.	M 3
T 4	0 30 19	5°54'13	25°14	19°24	3° 8	26°56	0°13	15°24	12°11	7°21	27°51	7° 6	5°40	21° 4	n.a.	T 4
W 5	0 34 16	6°54'34	7♏14	20°53	4°21	26°37	0°21	15°30	12°10	7°23	27°50	6°54	5°37	21°11	n.a.	W 5
T 6	0 38 12	7°54'56	19° 9	22°24	5°35	26°18	0°30	15°37	12° 9	7°26	27°49	6°43	5°34	21°17	n.a.	T 6
F 7	0 42 9	8°55'20	0♐59	23°57	6°49	25°58	0°38	15°44	12° 8	7°28	27°48	6°35	5°31	21°24	n.a.	F 7
S 8	0 46 5	9°55'45	12°49	25°30	8° 3	25°37	0°46	15°51	12° 7	7°30	27°47	6°28	5°28	21°31	n.a.	S 8
S 9	0 50 2	10°56'13	24°43	27° 5	9°17	25°17	0°54	15°58	12° 6	7°32	27°46	6°25	5°25	21°37	n.a.	S 9
M10	0 53 58	11°56'41	6♑44	28°40	10°31	24°55	1° 2	16° 5	12° 6	7°35	27°45	6°D23	5°21	21°44	n.a.	M10
T 11	0 57 55	12°57'11	18°59	0♒15	11°45	24°34	1° 9	16°11	12° 5	7°37	27°44	6°23	5°18	21°51	n.a.	T 11
W12	1 1 52	13°57'43	1♒32	1°51	12°59	24°12	1°17	16°18	12° 4	7°39	27°42	6°R24	5°15	21°58	n.a.	W12
T 13	1 5 48	14°58'16	14°29	3°27	14°13	23°50	1°24	16°25	12° 3	7°41	27°41	6°23	5°12	22° 4	n.a.	T 13
F 14	1 9 45	15°58'50	27°53	5° 3	15°27	23°27	1°32	16°31	12° 3	7°44	27°40	6°21	5° 9	22°11	n.a.	F 14
S 15	1 13 41	16°59'26	11♓47	6°40	16°41	23° 5	1°39	16°38	12° 2	7°46	27°39	6°17	5° 5	22°18	n.a.	S 15
S 16	1 17 38	18° 0'03	26° 9	8°16	17°55	22°42	1°46	16°45	12° 1	7°48	27°38	6°10	5° 2	22°24	n.a.	S 16
M17	1 21 34	19° 0'41	10♈56	9°52	19° 9	22°19	1°53	16°51	12° 1	7°50	27°37	6° 1	4°59	22°31	n.a.	M17
T 18	1 25 31	20° 1'21	25°59	11°29	20°24	21°57	1°59	16°58	12° 0	7°52	27°36	5°50	4°56	22°38	n.a.	T 18
W19	1 29 27	21° 2'03	11♉10	13° 5	21°38	21°34	2° 6	17° 4	12° 0	7°55	27°35	5°38	4°53	22°45	n.a.	W19
T 20	1 33 24	22° 2'46	26°17	14°41	22°53	21°12	2°12	17°10	12° 0	7°57	27°33	5°28	4°50	22°51	n.a.	T 20
F 21	1 37 21	23° 3'31	11♊10	16°17	24° 7	20°50	2°19	17°17	11°59	7°59	27°32	5°21	4°46	22°58	n.a.	F 21
S 22	1 41 17	24° 4'17	25°43	17°52	25°22	20°27	2°25	17°23	11°59	8° 1	27°31	5°15	4°43	23° 5	n.a.	S 22
S 23	1 45 14	25° 5'05	9♋52	19°28	26°36	20° 6	2°31	17°29	11°59	8° 3	27°30	5°13	4°40	23°11	n.a.	S 23
M24	1 49 10	26° 5'55	23°37	21° 3	27°51	19°44	2°36	17°36	11°59	8° 6	27°29	5°D12	4°37	23°18	n.a.	M24
T 25	1 53 7	27° 6'47	6♌59	22°39	29° 5	19°23	2°42	17°42	11°58	8° 8	27°28	5°R12	4°34	23°25	n.a.	T 25
W26	1 57 3	28° 7'40	20° 1	24°14	0♎20	19° 2	2°48	17°48	11°58	8°10	27°27	5°12	4°30	23°32	n.a.	W26
T 27	2 1 0	29° 8'35	2♍46	25°49	1°35	18°41	2°53	17°54	11°D58	8°12	27°26	5° 9	4°27	23°38	n.a.	T 27
F 28	2 4 56	0♏ 9'31	15°17	27°24	2°50	18°22	2°58	18° 0	11°58	8°14	27°24	5° 4	4°24	23°45	n.a.	F 28
S 29	2 8 53	1°10'28	27°39	28°58	4° 4	18° 2	3° 3	18° 6	11°58	8°16	27°23	4°56	4°21	23°52	n.a.	S 29
S 30	2 12 50	2°11'27	9♎51	0♏33	5°19	17°43	3° 8	18°12	11°59	8°18	27°22	4°44	4°18	23°58	n.a.	S 30
M31	2 16 46	3♏12'27	21♎57	2♏ 7	6♎34	17♈25	3♌12	18♍18	11♒59	8♎21	27♈21	4♌31	4♌15	24♏ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1s10	7n43	3n19	7n51	2n 7	13n 1	1n18	9n 9	1s48	21n10	0n44	8n 0	2n12	18s 4	0s46	1s10	1n54	2s 8	13s54	18n36	19n 3	13s22		n.a.	S 1
S 2	1 34	3 24	4 4	7 20	2 7	12 37	1 20	9 5	1 46	21 9	0 45	7 57	2 12	18 4	0 46	1 11	1 54	2 8	13 54	18 38	19 4	13 24		n.a.	S 2
M 3	1 58	0s59	4 37	6 46	2 7	12 12	1 22	9 1	1 43	21 7	0 45	7 54	2 12	18 5	0 46	1 12	1 54	2 9	13 54	18 41	19 4	13 26		n.a.	M 3
T 4	2 22	5 16	4 57	6 10	2 6	11 47	1 24	8 57	1 41	21 5	0 45	7 52	2 13	18 5	0 46	1 13	1 54	2 9	13 55	18 44	19 5	13 28		n.a.	T 4
W 5	2 47	9 19	5 3	5 33	2 4	11 21	1 25	8 52	1 38	21 4	0 45	7 49	2 13	18 5	0 46	1 14	1 54	2 9	13 55	18 47	19 6	13 30		n.a.	W 5
T 6	3 11	12 58	4 56	4 55	2 2	10 55	1 27	8 47	1 36	21 2	0 45	7 46	2 13	18 5	0 46	1 14	1 54	2 10	13 55	18 49	19 7	13 31		n.a.	T 6
F 7	3 35	16 6	4 37	4 15	1 59	10 29	1 28	8 43	1 33	21 0	0 46	7 44	2 13	18 6	0 46	1 15	1 54	2 10	13 55	18 52	19 8	13 33		n.a.	F 7
S 8	3 59	18 34	4 5	3 34	1 56	10 3	1 30	8 38	1 30	20 59	0 46	7 41	2 13	18 6	0 46	1 16	1 54	2 11	13 55	18 53	19 8	13 35		n.a.	S 8
S 9	4 23	20 15	3 23	2 53	1 52	9 36	1 31	8 33	1 27	20 57	0 46	7 39	2 13	18 6	0 45	1 17	1 54	2 11	13 55	18 54	19 9	13 37		n.a.	S 9
M10	4 47	21 3	2 31	2 11	1 48	9 9	1 32	8 27	1 25	20 56	0 46	7 36	2 13	18 6	0 45	1 18	1 54	2 12	13 55	18 54	19 10	13 39		n.a.	M10
T 11	5 11	20 52	1 31	1 28	1 43	8 41	1 34	8 22	1 22	20 54	0 47	7 33	2 13	18 7	0 45	1 19	1 54	2 12	13 55	18 54	19 11	13 41		n.a.	T 11
W12	5 34	19 39	0 26	0 45	1 38	8 13	1 35	8 17	1 19	20 53	0 47	7 31	2 14	18 7	0 45	1 20	1 54	2 12	13 55	18 54	19 11	13 43		n.a.	W12
T 13	5 58	17 22	0s43	0 2	1 33	7 45	1 36	8 11	1 16	20 51	0 47	7 28	2 14	18 7	0 45	1 21	1 54	2 13	13 55	18 54	19 12	13 45		n.a.	T 13
F 14	6 22	14 6	1 52	0s42	1 27	7 17	1 37	8 6	1 13	20 50	0 47	7 26	2 14	18 7	0 45	1 22	1 54	2 13	13 55	18 55	19 13	13 47		n.a.	F 14
S 15	6 45	9 56	2 56	1 26	1 22	6 49	1 38	8 0	1 10	20 49	0 47	7 23	2 14	18 7	0 45	1 22	1 54	2 14	13 55	18 56	19 14	13 49		n.a.	S 15
S 16	7 9	5 5	3 51	2 10	1 16	6 20	1 38	7 54	1 7	20 47	0 48	7 21	2 14	18 7	0 45	1 23	1 54	2 14	13 55	18 58	19 15	13 51		n.a.	S 16
M17	7 32	0n12	4 33	2 54	1 10	5 51	1 39	7 49	1 4	20 46	0 48	7 19	2 14	18 7	0 45	1 24	1 54	2 15	13 55	19 0	19 15	13 53		n.a.	M17
T 18	7 55	5 33	4 57	3 37	1 3	5 22	1 40	7 43	1 1	20 45	0 48	7 16	2 14	18 8	0 45	1 25	1 54	2 15	13 55	19 3	19 16	13 55		n.a.	T 18
W19	8 18	10 37	5 0	4 21	0 57	4 53	1 40	7 37	0 58	20 43	0 48	7 14	2 14	18 8	0 45	1 26	1 54	2 15	13 55	19 6	19 17	13 57		n.a.	W19
T 20	8 41	15 0	4 42	5 5	0 51	4 24	1 41	7 32	0 55	20 42	0 49	7 11	2 15	18 8	0 45	1 27	1 54	2 16	13 55	19 8	19 18	13 59		n.a.	T 20
F 21	9 4	18 21	4 5	5 48	0 44	3 54	1 41	7 26	0 51	20 41	0 49	7 9	2 15	18 8	0 45	1 28	1 54	2 16	13 55	19 10	19 18	14 1		n.a.	F 21
S 22	9 27	20 27	3 13	6 31	0 38	3 25	1 41	7 21	0 48	20 40	0 49	7 7	2 15	18 8	0 45	1 29	1 54	2 16	13 55	19 11	19 19	14 3		n.a.	S 22
S 23	9 50	21 12	2 10	7 14	0 31	2 55	1 42	7 15	0 45	20 39	0 49	7 4	2 15	18 8	0 45	1 29	1 54	2 17	13 55	19 12	19 20	14 5		n.a.	S 23
M24	10 12	20 39	1 1	7 56	0 24	2 25	1 42	7 10	0 42	20 37	0 50	7 2	2 15	18 8	0 45	1 30	1 54	2 17	13 55	19 12	19 21	14 7		n.a.	M24
T 25	10 34	18 54	0n 9	8 38	0 18	1 55	1 42	7 4	0 39	20 36	0 50	7 0	2 15	18 8	0 45	1 31	1 54	2 18	13 55	19 12	19 22	14 8		n.a.	T 25
W26	10 56	16 13	1 17	9 20	0 11	1 25	1 42	6 59	0 36	20 35	0 50	6 57	2 16	18 8	0 45	1 32	1 54	2 18	13 55	19 12	19 22	14 10		n.a.	W26
T 27	11 18	12 47	2 20	10 1	0 5	0 55	1 42	6 54	0 33	20 34	0 50	6 55	2 16	18 8	0 45	1 33	1 54	2 18	13 55	19 13	19 23	14 12		n.a.	T 27
F 28	11 40	8 51	3 15	10 42	0s 2	0 25	1 41	6 49	0 30	20 33	0 51	6 53	2 16	18 8	0 45	1 34	1 54	2 19	13 55	19 14	19 24	14 14		n.a.	F 28
S 29	12 2	4 36	3 59	11 23	0 9	0s 6	1 41	6 45	0 27	20 32	0 51	6 51	2 16	18 8	0 45	1 34	1 54	2 19	13 55	19 16	19 25	14 16		n.a.	S 29
S 30	12 23	0 13	4 32	12 2	0 15	0 36	1 41	6 40	0 24	20 32	0 51	6 49	2 16	18 8	0 45	1 35	1 54	2 19	13 55	19 19	19 25	14 18		n.a.	S 30
M31	12s44	4s 9	4n52	12s42	0s22	1s 6	1n40	6n36	0s21	20n31	0n51	6n46	2n16	18s 8	0s45	1s36	1n54	2s20	13s55	19n22	19n26	14s20		n.a.	M31

Julian Day Number = 1594954.5, Delta T = 04h02m48s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'10, Lahiri = - 8°44'10 Julian Calendar 1 Oct. 347 BCE == Greg. Calendar 26 Sept. 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

NOVEMBER 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 20 43	4♏13'28	3♏57	3♏42	7♎49	17°R 7	3♌17	18♍23	11♒59	8♎23	27°R20	4°R16	4♌11	24♏12	n.a.	T 1
W 2	2 24 39	5°14'31	15°52	5°16	9° 4	16♈50	3°21	18°29	11°59	8°25	27♈19	4♌ 0	4° 8	24°19	n.a.	W 2
T 3	2 28 36	6°15'34	27°44	6°51	10°19	16°34	3°25	18°35	12° 0	8°27	27°18	3°46	4° 5	24°25	n.a.	T 3
F 4	2 32 32	7°16'38	9♐34	8°25	11°34	16°18	3°29	18°40	12° 0	8°29	27°16	3°34	4° 2	24°32	n.a.	F 4
S 5	2 36 29	8°17'44	21°25	9°59	12°49	16° 3	3°33	18°46	12° 0	8°31	27°15	3°25	3°59	24°39	n.a.	S 5
S 6	2 40 25	9°18'50	3♑18	11°34	14° 4	15°49	3°37	18°51	12° 1	8°33	27°14	3°19	3°56	24°45	n.a.	S 6
M 7	2 44 22	10°19'56	15°18	13° 8	15°19	15°36	3°40	18°57	12° 1	8°35	27°13	3°16	3°52	24°52	n.a.	M 7
T 8	2 48 19	11°21'03	27°30	14°42	16°34	15°23	3°43	19° 2	12° 2	8°37	27°12	3°15	3°49	24°59	n.a.	T 8
W 9	2 52 15	12°22'11	9♒58	16°17	17°49	15°11	3°46	19° 7	12° 3	8°39	27°11	3°15	3°46	25° 6	n.a.	W 9
T 10	2 56 12	13°23'19	22°48	17°51	19° 4	15° 0	3°49	19°13	12° 3	8°41	27°10	3°14	3°43	25°12	n.a.	T 10
F 11	3 0 8	14°24'28	6♓ 4	19°26	20°19	14°50	3°52	19°18	12° 4	8°43	27° 9	3°13	3°40	25°19	n.a.	F 11
S 12	3 4 5	15°25'37	19°49	21° 0	21°34	14°41	3°55	19°23	12° 5	8°44	27° 8	3° 9	3°36	25°26	n.a.	S 12
S 13	3 8 1	16°26'47	4♈ 6	22°35	22°49	14°32	3°57	19°28	12° 6	8°46	27° 7	3° 2	3°33	25°32	n.a.	S 13
M14	3 11 58	17°27'57	18°50	24°10	24° 4	14°25	3°59	19°33	12° 7	8°48	27° 6	2°53	3°30	25°39	n.a.	M14
T 15	3 15 54	18°29'07	3♉57	25°44	25°20	14°18	4° 1	19°38	12° 8	8°50	27° 4	2°42	3°27	25°46	n.a.	T 15
W16	3 19 51	19°30'18	19°18	27°19	26°35	14°12	4° 3	19°42	12° 9	8°52	27° 3	2°31	3°24	25°53	n.a.	W16
T 17	3 23 48	20°31'29	4♊39	28°54	27°50	14° 7	4° 4	19°47	12°10	8°54	27° 2	2°21	3°21	25°59	n.a.	T 17
F 18	3 27 44	21°32'41	19°50	0♐30	29° 5	14° 2	4° 6	19°52	12°11	8°55	27° 1	2°13	3°17	26° 6	n.a.	F 18
S 19	3 31 41	22°33'54	4♋41	2° 5	0♏20	13°59	4° 7	19°56	12°12	8°57	27° 0	2° 8	3°14	26°13	n.a.	S 19
S 20	3 35 37	23°35'07	19° 6	3°40	1°36	13°56	4° 8	20° 1	12°13	8°59	26°59	2° 5	3°11	26°19	n.a.	S 20
M21	3 39 34	24°36'21	3♌ 3	5°15	2°51	13°54	4° 9	20° 5	12°14	9° 1	26°58	2°D 4	3° 8	26°26	n.a.	M21
T 22	3 43 30	25°37'36	16°32	6°51	4° 6	13°53	4° 9	20°10	12°16	9° 2	26°57	2° 5	3° 5	26°33	n.a.	T 22
W23	3 47 27	26°38'51	29°36	8°26	5°21	13°D52	4°10	20°14	12°17	9° 4	26°56	2°R 5	3° 2	26°40	n.a.	W23
T 24	3 51 24	27°40'06	12♍18	10° 1	6°37	13°53	4°10	20°18	12°18	9° 6	26°55	2° 4	2°58	26°46	n.a.	T 24
F 25	3 55 20	28°41'22	24°44	11°36	7°52	13°54	4°R10	20°22	12°20	9° 7	26°54	2° 0	2°55	26°53	n.a.	F 25
S 26	3 59 17	29°42'38	6♎57	13°11	9° 7	13°56	4°10	20°26	12°21	9° 9	26°54	1°54	2°52	27° 0	n.a.	S 26
S 27	4 3 13	0♐43'55	19° 0	14°45	10°22	13°58	4° 9	20°30	12°23	9°11	26°53	1°46	2°49	27° 6	n.a.	S 27
M28	4 7 10	1°45'12	0♏58	16°19	11°38	14° 2	4° 9	20°34	12°24	9°12	26°52	1°35	2°46	27°13	n.a.	M28
T 29	4 11 6	2°46'29	12°51	17°52	12°53	14° 6	4° 8	20°37	12°26	9°14	26°51	1°23	2°42	27°20	n.a.	T 29
W30	4 15 3	3♐47'47	24♏43	19♐25	14♏ 8	14♈11	4♌ 7	20♍41	12♒28	9♎15	26♈50	1♌11	2♌39	27♏27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s 5	8s18	4n59	13s20	0s28	1s37	1n40	6n32	0s18	20n30	0n52	6n44	2n17	18s 7	0s45	1s37	1n54	2s20	13s55	19n26	19n27	14s22		n.a.
W 2	13 26	12 7	4 53	13 59	0 34	2 7	1 39	6 28	0 15	20 29	0 52	6 42	2 17	18 7	0 45	1 38	1 54	2 20	13 55	19 30	19 28	14 24		n.a.
T 3	13 46	15 27	4 34	14 36	0 40	2 37	1 39	6 24	0 12	20 28	0 52	6 40	2 17	18 7	0 45	1 38	1 54	2 21	13 55	19 33	19 28	14 26		n.a.
F 4	14 7	18 9	4 3	15 13	0 47	3 8	1 38	6 21	0 9	20 28	0 52	6 38	2 17	18 7	0 45	1 39	1 55	2 21	13 55	19 36	19 29	14 28		n.a.
S 5	14 27	20 6	3 22	15 49	0 53	3 38	1 37	6 17	0 7	20 27	0 53	6 36	2 17	18 7	0 45	1 40	1 55	2 21	13 55	19 38	19 30	14 30		n.a.
S 6	14 46	21 11	2 31	16 25	0 58	4 8	1 36	6 14	0 4	20 27	0 53	6 34	2 18	18 7	0 45	1 41	1 55	2 22	13 54	19 39	19 31	14 32		n.a.
M 7	15 6	21 18	1 33	17 0	1 4	4 38	1 35	6 12	0 1	20 26	0 53	6 32	2 18	18 7	0 44	1 41	1 55	2 22	13 54	19 40	19 31	14 33		n.a.
T 8	15 25	20 25	0 30	17 34	1 10	5 8	1 35	6 9	0n 1	20 25	0 53	6 30	2 18	18 6	0 44	1 42	1 55	2 22	13 54	19 40	19 32	14 35		n.a.
W 9	15 44	18 32	0s36	18 7	1 15	5 38	1 33	6 7	0 4	20 25	0 54	6 28	2 18	18 6	0 44	1 43	1 55	2 23	13 54	19 40	19 33	14 37		n.a.
T 10	16 3	15 41	1 42	18 39	1 21	6 8	1 32	6 5	0 7	20 25	0 54	6 26	2 18	18 6	0 44	1 44	1 55	2 23	13 54	19 40	19 34	14 39		n.a.
F 11	16 22	11 56	2 44	19 11	1 26	6 38	1 31	6 3	0 9	20 24	0 54	6 24	2 19	18 6	0 44	1 44	1 55	2 23	13 54	19 41	19 34	14 41		n.a.
S 12	16 40	7 26	3 40	19 41	1 31	7 7	1 30	6 2	0 12	20 24	0 54	6 23	2 19	18 5	0 44	1 45	1 55	2 23	13 54	19 42	19 35	14 43		n.a.
S 13	16 58	2 23	4 24	20 11	1 35	7 37	1 29	6 1	0 14	20 24	0 55	6 21	2 19	18 5	0 44	1 46	1 55	2 24	13 54	19 43	19 36	14 45		n.a.
M14	17 15	2n58	4 52	20 39	1 40	8 6	1 27	6 0	0 16	20 23	0 55	6 19	2 19	18 5	0 44	1 47	1 55	2 24	13 54	19 45	19 37	14 47		n.a.
T 15	17 33	8 16	5 1	21 7	1 44	8 35	1 26	5 59	0 19	20 23	0 55	6 17	2 20	18 5	0 44	1 47	1 55	2 24	13 53	19 48	19 37	14 49		n.a.
W16	17 49	13 8	4 49	21 33	1 48	9 4	1 24	5 59	0 21	20 23	0 56	6 16	2 20	18 4	0 44	1 48	1 55	2 24	13 53	19 50	19 38	14 51		n.a.
T 17	18 6	17 9	4 15	21 59	1 52	9 33	1 23	5 59	0 23	20 23	0 56	6 14	2 20	18 4	0 44	1 49	1 55	2 25	13 53	19 53	19 39	14 52		n.a.
F 18	18 22	19 57	3 24	22 23	1 55	10 1	1 21	5 59	0 25	20 23	0 56	6 12	2 20	18 4	0 44	1 49	1 55	2 25	13 53	19 55	19 40	14 54		n.a.
S 19	18 38	21 19	2 20	22 46	1 59	10 29	1 20	6 0	0 27	20 23	0 56	6 11	2 20	18 3	0 44	1 50	1 55	2 25	13 53	19 56	19 40	14 56		n.a.
S 20	18 54	21 14	1 8	23 8	2 1	10 57	1 18	6 1	0 29	20 23	0 57	6 9	2 21	18 3	0 44	1 51	1 55	2 25	13 53	19 56	19 41	14 58		n.a.
M21	19 9	19 48	0n 5	23 28	2 4	11 25	1 16	6 2	0 32	20 23	0 57	6 8	2 21	18 2	0 44	1 51	1 55	2 25	13 52	19 57	19 42	15 0		n.a.
T 22	19 24	17 17	1 16	23 47	2 6	11 53	1 14	6 3	0 33	20 23	0 57	6 6	2 21	18 2	0 44	1 52	1 55	2 26	13 52	19 57	19 43	15 2		n.a.
W23	19 39	13 57	2 21	24 5	2 8	12 20	1 13	6 5	0 35	20 23	0 57	6 5	2 21	18 2	0 44	1 52	1 55	2 26	13 52	19 56	19 43	15 4		n.a.
T 24	19 53	10 3	3 17	24 21	2 9	12 47	1 11	6 7	0 37	20 23	0 58	6 3	2 22	18 1	0 44	1 53	1 55	2 26	13 52	19 57	19 44	15 6		n.a.
F 25	20 7	5 49	4 2	24 36	2 10	13 13	1 9	6 9	0 39	20 24	0 58	6 2	2 22	18 1	0 44	1 54	1 55	2 26	13 52	19 58	19 45	15 8		n.a.
S 26	20 20	1 25	4 36	24 49	2 10	13 39	1 7	6 11	0 41	20 24	0 58	6 1	2 22	18 0	0 44	1 54	1 55	2 26	13 52	19 59	19 46	15 9		n.a.
S 27	20 33	2s58	4 56	25 1	2 10	14 5	1 5	6 14	0 43	20 24	0 59	5 59	2 22	18 0	0 44	1 55	1 56	2 26	13 51	20 1	19 46	15 11		n.a.
M28	20 46	7 13	5 3	25 10	2 10	14 31	1 3	6 17	0 44	20 25	0 59	5 58	2 23	17 59	0 44	1 55	1 56	2 26	13 51	20 3	19 47	15 13		n.a.
T 29	20 58	11 10	4 58	25 19	2 9	14 56	1 1	6 20	0 46	20 25	0 59	5 57	2 23	17 59	0 44	1 56	1 56	2 27	13 51	20 6	19 48	15 15		n.a.
W30	21s10	14s41	4n39	25s25	2s 7	15s21	0n59	6n23	0n47	20n26	0n59	5n55	2n23	17s58	0s44	1s57	1n56	2s27	13s51	20n 9	19n49	15s17		n.a.

Julian Day Number = 1594985.5, Delta T = 04h02m47s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'06, Lahiri = - 8°44'06 Julian Calendar 1 Nov. 347 BCE == Greg. Calendar 27 Oct. 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 347 BCE
geocentric

DECEMBER 347 BCE (-346) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 18 59	4♐49'04	6♐34	20♐56	15♏23	14♈16	4°R 6	20♍45	12♒30	9♎17	26°R49	0°R59	2♌36	27♏33	n.a.	T 1
F 2	4 22 56	5°50'21	18°26	22°27	16°39	14°23	4♌ 5	20°48	12°31	9°18	26♈48	0♌50	2°33	27°40	n.a.	F 2
S 3	4 26 53	6°51'38	0♑21	23°56	17°54	14°29	4° 3	20°51	12°33	9°19	26°47	0°43	2°30	27°47	n.a.	S 3
S 4	4 30 49	7°52'55	12°20	25°23	19° 9	14°37	4° 1	20°55	12°35	9°21	26°47	0°38	2°27	27°53	n.a.	S 4
M 5	4 34 46	8°54'12	24°26	26°48	20°25	14°45	3°59	20°58	12°37	9°22	26°46	0°36	2°23	28° 0	n.a.	M 5
T 6	4 38 42	9°55'28	6♒42	28°10	21°40	14°54	3°57	21° 1	12°39	9°24	26°45	0°D36	2°20	28° 7	n.a.	T 6
W 7	4 42 39	10°56'43	19°12	29°29	22°55	15° 4	3°55	21° 4	12°41	9°25	26°44	0°37	2°17	28°14	n.a.	W 7
T 8	4 46 35	11°57'58	2♓ 0	0♑45	24°11	15°14	3°52	21° 7	12°43	9°26	26°43	0°38	2°14	28°20	n.a.	T 8
F 9	4 50 32	12°59'13	15°10	1°56	25°26	15°25	3°50	21°10	12°45	9°27	26°43	0°R39	2°11	28°27	n.a.	F 9
S 10	4 54 28	14° 0'26	28°45	3° 3	26°41	15°37	3°47	21°12	12°47	9°29	26°42	0°38	2° 8	28°34	n.a.	S 10
S 11	4 58 25	15° 1'39	12♈47	4° 4	27°56	15°49	3°44	21°15	12°49	9°30	26°41	0°35	2° 4	28°40	n.a.	S 11
M12	5 2 22	16° 2'51	27°16	4°58	29°12	16° 1	3°40	21°17	12°51	9°31	26°40	0°30	2° 1	28°47	n.a.	M12
T 13	5 6 18	17° 4'02	12♉ 8	5°44	0♐27	16°14	3°37	21°20	12°54	9°32	26°40	0°23	1°58	28°54	n.a.	T 13
W14	5 10 15	18° 5'13	27°16	6°23	1°42	16°28	3°33	21°22	12°56	9°33	26°39	0°17	1°55	29° 1	n.a.	W14
T 15	5 14 11	19° 6'23	12♊32	6°52	2°57	16°42	3°30	21°24	12°58	9°34	26°38	0°10	1°52	29° 7	n.a.	T 15
F 16	5 18 8	20° 7'32	27°44	7°11	4°13	16°57	3°26	21°27	13° 1	9°35	26°38	0° 5	1°48	29°14	n.a.	F 16
S 17	5 22 4	21° 8'41	12♋41	7°R20	5°28	17°12	3°22	21°29	13° 3	9°36	26°37	0° 2	1°45	29°21	n.a.	S 17
S 18	5 26 1	22° 9'49	27°17	7°17	6°43	17°28	3°17	21°30	13° 5	9°37	26°37	0°D 1	1°42	29°27	n.a.	S 18
M19	5 29 58	23°10'56	11♌26	7° 2	7°58	17°44	3°13	21°32	13° 8	9°38	26°36	0° 1	1°39	29°34	n.a.	M19
T 20	5 33 54	24°12'03	25° 6	6°36	9°13	18° 1	3° 8	21°34	13°10	9°39	26°36	0° 3	1°36	29°41	n.a.	T 20
W21	5 37 51	25°13'09	8♍19	5°59	10°29	18°18	3° 3	21°36	13°13	9°40	26°35	0° 4	1°33	29°47	n.a.	W21
T 22	5 41 47	26°14'15	21° 8	5°11	11°44	18°36	2°58	21°37	13°15	9°41	26°34	0°R 5	1°29	29°54	n.a.	T 22
F 23	5 45 44	27°15'20	3♎37	4°14	12°59	18°54	2°53	21°39	13°18	9°42	26°34	0° 5	1°26	0♐ 1	n.a.	F 23
S 24	5 49 40	28°16'24	15°49	3° 9	14°14	19°12	2°48	21°40	13°21	9°42	26°33	0° 4	1°23	0° 8	n.a.	S 24
S 25	5 53 37	29°17'28	27°51	1°58	15°30	19°31	2°42	21°41	13°23	9°43	26°33	0° 1	1°20	0°14	n.a.	S 25
M26	5 57 33	0♑18'31	9♏45	0°43	16°45	19°50	2°37	21°42	13°26	9°44	26°33	29♋56	1°17	0°21	n.a.	M26
T 27	6 1 30	1°19'33	21°36	29♐28	18° 0	20°10	2°31	21°43	13°29	9°45	26°32	29°51	1°13	0°28	n.a.	T 27
W28	6 5 27	2°20'34	3♐26	28°13	19°15	20°30	2°25	21°44	13°31	9°45	26°32	29°46	1°10	0°34	n.a.	W28
T 29	6 9 23	3°21'35	15°18	27° 1	20°30	20°50	2°19	21°45	13°34	9°46	26°31	29°41	1° 7	0°41	n.a.	T 29
F 30	6 13 20	4°22'34	27°15	25°54	21°45	21°11	2°13	21°45	13°37	9°46	26°31	29°37	1° 4	0°48	n.a.	F 30
S 31	6 17 16	5♑23'32	9♑18	24♐53	23♐ 1	21♈32	2♌ 7	21♍46	13♒40	9♎47	26♈31	29♋34	1♌ 1	0♐55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21s22	17s36	4n 8	25s29	2s 4	15s45	0n56	6n27	0n49	20n26	1n 0	5n54	2n23	17s58	0s44	1s57	1n56	2s27	13s51	20n11	19n49	15s19			n.a.
F 2	21 33	19 48	3 26	25 32	2 1	16 9	0 54	6 31	0 50	20 27	1 0	5 53	2 24	17 57	0 44	1 58	1 56	2 27	13 50	20 13	19 50	15 21			n.a.
S 3	21 43	21 9	2 35	25 33	1 57	16 33	0 52	6 35	0 52	20 27	1 0	5 52	2 24	17 57	0 44	1 58	1 56	2 27	13 50	20 15	19 51	15 22			n.a.
S 4	21 54	21 33	1 37	25 32	1 53	16 56	0 50	6 39	0 53	20 28	1 0	5 51	2 24	17 56	0 44	1 59	1 56	2 27	13 50	20 16	19 52	15 24			n.a.
M 5	22 3	20 57	0 33	25 29	1 47	17 19	0 47	6 43	0 55	20 29	1 1	5 50	2 24	17 56	0 44	1 59	1 56	2 27	13 50	20 16	19 52	15 26			n.a.
T 6	22 13	19 21	0s33	25 24	1 41	17 41	0 45	6 48	0 56	20 30	1 1	5 49	2 25	17 55	0 43	2 0	1 56	2 27	13 49	20 16	19 53	15 28			n.a.
W 7	22 22	16 48	1 39	25 18	1 33	18 3	0 43	6 53	0 57	20 30	1 1	5 48	2 25	17 54	0 43	2 0	1 56	2 27	13 49	20 16	19 54	15 30			n.a.
T 8	22 30	13 24	2 41	25 9	1 25	18 24	0 40	6 58	0 59	20 31	1 2	5 47	2 25	17 54	0 43	2 0	1 56	2 27	13 49	20 16	19 54	15 32			n.a.
F 9	22 38	9 15	3 37	24 59	1 16	18 44	0 38	7 4	1 0	20 32	1 2	5 46	2 26	17 53	0 43	2 1	1 56	2 27	13 49	20 16	19 55	15 34			n.a.
S 10	22 46	4 31	4 23	24 47	1 5	19 5	0 36	7 9	1 1	20 33	1 2	5 45	2 26	17 53	0 43	2 1	1 56	2 27	13 48	20 16	19 56	15 35			n.a.
S 11	22 53	0n36	4 54	24 34	0 54	19 24	0 33	7 15	1 2	20 34	1 2	5 45	2 26	17 52	0 43	2 2	1 56	2 27	13 48	20 17	19 57	15 37			n.a.
M12	23 0	5 50	5 8	24 20	0 41	19 44	0 31	7 21	1 3	20 35	1 3	5 44	2 26	17 51	0 43	2 2	1 56	2 27	13 48	20 18	19 57	15 39			n.a.
T 13	23 6	10 52	5 2	24 4	0 27	20 2	0 28	7 27	1 4	20 36	1 3	5 43	2 27	17 51	0 43	2 3	1 56	2 27	13 48	20 19	19 58	15 41			n.a.
W14	23 12	15 19	4 36	23 47	0 12	20 20	0 26	7 33	1 5	20 37	1 3	5 42	2 27	17 50	0 43	2 3	1 56	2 27	13 47	20 21	19 59	15 43			n.a.
T 15	23 17	18 48	3 49	23 30	0n 4	20 38	0 23	7 40	1 6	20 38	1 3	5 42	2 27	17 49	0 43	2 3	1 57	2 27	13 47	20 22	19 59	15 45			n.a.
F 16	23 22	20 57	2 46	23 12	0 21	20 54	0 21	7 47	1 7	20 40	1 4	5 41	2 27	17 48	0 43	2 4	1 57	2 27	13 47	20 23	20 0	15 46			n.a.
S 17	23 26	21 35	1 33	22 53	0 38	21 11	0 18	7 53	1 8	20 41	1 4	5 41	2 28	17 48	0 43	2 4	1 57	2 27	13 47	20 24	20 1	15 48			n.a.
S 18	23 30	20 43	0 15	22 35	0 57	21 26	0 16	8 0	1 9	20 42	1 4	5 40	2 28	17 47	0 43	2 4	1 57	2 27	13 46	20 24	20 2	15 50			n.a.
M19	23 33	18 33	1n 2	22 17	1 16	21 41	0 13	8 7	1 10	20 43	1 4	5 40	2 28	17 46	0 43	2 5	1 57	2 27	13 46	20 24	20 2	15 52			n.a.
T 20	23 36	15 23	2 13	21 59	1 35	21 56	0 11	8 15	1 11	20 45	1 5	5 39	2 29	17 46	0 43	2 5	1 57	2 27	13 46	20 23	20 3	15 54			n.a.
W21	23 39	11 32	3 14	21 42	1 54	22 9	0 9	8 22	1 12	20 46	1 5	5 39	2 29	17 45	0 43	2 5	1 57	2 27	13 46	20 23	20 4	15 56			n.a.
T 22	23 41	7 16	4 3	21 26	2 12	22 22	0 6	8 30	1 13	20 48	1 5	5 39	2 29	17 44	0 43	2 5	1 57	2 27	13 45	20 23	20 4	15 57			n.a.
F 23	23 42	2 49	4 40	21 11	2 29	22 35	0 4	8 37	1 14	20 49	1 5	5 38	2 29	17 43	0 43	2 6	1 57	2 27	13 45	20 23	20 5	15 59			n.a.
S 24	23 43	1s39	5 3	20 56	2 45	22 46	0 1	8 45	1 14	20 50	1 6	5 38	2 30	17 42	0 43	2 6	1 57	2 27	13 45	20 23	20 6	16 1			n.a.
S 25	23 44	5 59	5 12	20 44	3 0	22 57	0s 1	8 53	1 15	20 52	1 6	5 38	2 30	17 42	0 43	2 6	1 57	2 27	13 44	20 24	20 7	16 3			n.a.
M26	23 44	10 3	5 8	20 32	3 12	23 8	0 4	9 1	1 16	20 54	1 6	5 38	2 30	17 41	0 43	2 6	1 57	2 27	13 44	20 25	20 7	16 5			n.a.
T 27	23 44	13 43	4 50	20 22	3 22	23 17	0 6	9 9	1 17	20 55	1 6	5 37	2 31	17 40	0 43	2 7	1 57	2 26	13 44	20 26	20 8	16 6			n.a.
W28	23 43	16 50	4 21	20 14	3 29	23 26	0 9	9 18	1 17	20 57	1 7	5 37	2 31	17 39	0 43	2 7	1 57	2 26	13 44	20 27	20 9	16 8			n.a.
T 29	23 42	19 17	3 39	20 8	3 34	23 35	0 11	9 26	1 18	20 58	1 7	5 37	2 31	17 38	0 43	2 7	1 57	2 26	13 43	20 28	20 9	16 10			n.a.
F 30	23 40	20 54	2 48	20 3	3 37	23 42	0 14	9 35	1 19	21 0	1 7	5 37	2 31	17 38	0 43	2 7	1 58	2 26	13 43	20 29	20 10	16 12			n.a.
S 31	23s37	21s35	1n49	20s 1	3n38	23s49	0s16	9n43	1n19	21n 2	1n 7	5n37	2n32	17s37	0s43	2s 7	1n58	2s26	13s43	20n30	20n11	16s14			n.a.

Julian Day Number = 1595015.5, Delta T = 04h02m46s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°51'02, Lahiri = - 8°44'02 Julian Calendar 1 Dec. 347 BCE == Greg. Calendar 26 Nov. 347 BCE

The year -346 astronomical counting style corresponds to year 347 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

JANUARY 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 21 13	6♑24'29	21♑28	23°R59	24♐16	21♈54	2°R 0	21♍46	13♒43	9♎47	26°R30	29°R33	0♌58	1♐ 1	n.a.	S 1
M 2	6 25 9	7°25'24	3♒47	23♐13	25°31	22°16	1♌54	21°47	13°46	9°48	26♈30	29°D33	0°54	1° 8	n.a.	M 2
T 3	6 29 6	8°26'19	16°17	22°36	26°46	22°38	1°47	21°47	13°49	9°48	26°30	29♋33	0°51	1°15	n.a.	T 3
W 4	6 33 2	9°27'11	29° 0	22° 7	28° 1	23° 1	1°40	21°47	13°52	9°49	26°30	29°35	0°48	1°21	n.a.	W 4
T 5	6 36 59	10°28'02	11♓57	21°46	29°16	23°24	1°34	21°R47	13°55	9°49	26°29	29°36	0°45	1°28	n.a.	T 5
F 6	6 40 56	11°28'52	25°11	21°34	0♑31	23°47	1°27	21°47	13°58	9°50	26°29	29°38	0°42	1°35	n.a.	F 6
S 7	6 44 52	12°29'39	8♈43	21°D30	1°46	24°10	1°19	21°47	14° 1	9°50	26°29	29°R38	0°39	1°41	n.a.	S 7
S 8	6 48 49	13°30'25	22°36	21°33	3° 1	24°34	1°12	21°47	14° 4	9°50	26°29	29°38	0°35	1°48	n.a.	S 8
M 9	6 52 45	14°31'09	6♉48	21°43	4°17	24°58	1° 5	21°46	14° 7	9°50	26°29	29°37	0°32	1°55	n.a.	M 9
T 10	6 56 42	15°31'52	21°18	21°59	5°32	25°22	0°58	21°46	14°10	9°51	26°29	29°36	0°29	2° 2	n.a.	T 10
W11	7 0 38	16°32'32	6♊ 2	22°22	6°47	25°47	0°50	21°45	14°13	9°51	26°29	29°34	0°26	2° 8	n.a.	W11
T 12	7 4 35	17°33'11	20°55	22°50	8° 2	26°12	0°43	21°45	14°16	9°51	26°28	29°32	0°23	2°15	n.a.	T 12
F 13	7 8 31	18°33'49	5♋47	23°23	9°17	26°37	0°35	21°44	14°19	9°51	26°28	29°31	0°19	2°22	n.a.	F 13
S 14	7 12 28	19°34'24	20°32	24° 1	10°32	27° 3	0°28	21°43	14°22	9°51	26°28	29°31	0°16	2°28	n.a.	S 14
S 15	7 16 25	20°34'58	5♌ 2	24°43	11°47	27°28	0°20	21°42	14°26	9°51	26°D28	29°D31	0°13	2°35	n.a.	S 15
M16	7 20 21	21°35'31	19°12	25°29	13° 2	27°54	0°12	21°41	14°29	9°R51	26°28	29°31	0°10	2°42	n.a.	M16
T 17	7 24 18	22°36'01	2♍58	26°19	14°17	28°20	0° 5	21°40	14°32	9°51	26°28	29°32	0° 7	2°49	n.a.	T 17
W18	7 28 14	23°36'31	16°18	27°12	15°32	28°47	29♋57	21°38	14°35	9°51	26°28	29°32	0° 4	2°55	n.a.	W18
T 19	7 32 11	24°36'58	29°15	28° 8	16°46	29°13	29°49	21°37	14°39	9°51	26°29	29°33	0° 0	3° 2	n.a.	T 19
F 20	7 36 7	25°37'25	11♎49	29° 7	18° 1	29°40	29°41	21°35	14°42	9°51	26°29	29°33	29♋57	3° 9	n.a.	F 20
S 21	7 40 4	26°37'49	24° 6	0♑ 9	19°16	0♉ 7	29°33	21°34	14°45	9°51	26°29	29°R33	29°54	3°15	n.a.	S 21
S 22	7 44 0	27°38'13	6♏10	1°13	20°31	0°34	29°26	21°32	14°48	9°50	26°29	29°33	29°51	3°22	n.a.	S 22
M23	7 47 57	28°38'34	18° 5	2°19	21°46	1° 1	29°18	21°30	14°52	9°50	26°29	29°33	29°48	3°29	n.a.	M23
T 24	7 51 54	29°38'54	29°55	3°28	23° 1	1°29	29°10	21°29	14°55	9°50	26°29	29°D33	29°45	3°35	n.a.	T 24
W25	7 55 50	0♒39'13	11♐46	4°38	24°16	1°57	29° 2	21°27	14°58	9°50	26°29	29°33	29°41	3°42	n.a.	W25
T 26	7 59 47	1°39'30	23°41	5°51	25°31	2°25	28°54	21°24	15° 2	9°49	26°30	29°33	29°38	3°49	n.a.	T 26
F 27	8 3 43	2°39'45	5♑43	7° 5	26°46	2°53	28°46	21°22	15° 5	9°49	26°30	29°34	29°35	3°56	n.a.	F 27
S 28	8 7 40	3°39'58	17°55	8°21	28° 1	3°21	28°38	21°20	15° 9	9°48	26°30	29°34	29°32	4° 2	n.a.	S 28
S 29	8 11 36	4°40'10	0♒19	9°39	29°15	3°50	28°30	21°18	15°12	9°48	26°31	29°R34	29°29	4° 9	n.a.	S 29
M30	8 15 33	5°40'20	12°55	10°58	0♒30	4°19	28°23	21°15	15°15	9°48	26°31	29°34	29°25	4°16	n.a.	M30
T 31	8 19 29	6♒40'27	25♒46	12♑19	1♒45	4♉48	28♋15	21♍13	15♒19	9♎47	26♈31	29♋33	29♋22	4♐22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s35	21s16	0n44	20s 0	3n36	23s55	0s18	9n52	1n20	21n 3	1n 8	5n37	2n32	17s36	0s43	2s 7	1n58	2s26	13s42	20n30	20n12	16s15			n.a.
M 2	23 31	19 55	0s23	20 2	3 32	24 0	0 21	10 1	1 20	21 5	1 8	5 38	2 32	17 35	0 43	2 8	1 58	2 26	13 42	20 30	20 12	16 17			n.a.
T 3	23 28	17 36	1 31	20 5	3 27	24 5	0 23	10 10	1 21	21 7	1 8	5 38	2 33	17 34	0 43	2 8	1 58	2 25	13 42	20 30	20 13	16 19			n.a.
W 4	23 24	14 23	2 35	20 10	3 21	24 9	0 25	10 19	1 21	21 8	1 8	5 38	2 33	17 33	0 43	2 8	1 58	2 25	13 41	20 29	20 14	16 21			n.a.
T 5	23 19	10 26	3 33	20 16	3 13	24 12	0 28	10 28	1 22	21 10	1 8	5 38	2 33	17 32	0 43	2 8	1 58	2 25	13 41	20 29	20 14	16 23			n.a.
F 6	23 14	5 55	4 21	20 24	3 4	24 14	0 30	10 37	1 23	21 12	1 9	5 38	2 33	17 31	0 43	2 8	1 58	2 25	13 41	20 29	20 15	16 24			n.a.
S 7	23 8	1 1	4 56	20 33	2 55	24 16	0 32	10 46	1 23	21 14	1 9	5 39	2 34	17 31	0 43	2 8	1 58	2 24	13 41	20 29	20 16	16 26			n.a.
S 8	23 2	4n 3	5 14	20 43	2 45	24 16	0 34	10 55	1 23	21 15	1 9	5 39	2 34	17 30	0 43	2 8	1 58	2 24	13 40	20 29	20 16	16 28			n.a.
M 9	22 56	9 1	5 14	20 54	2 35	24 16	0 37	11 5	1 24	21 17	1 9	5 40	2 34	17 29	0 43	2 8	1 58	2 24	13 40	20 29	20 17	16 30			n.a.
T 10	22 49	13 35	4 54	21 6	2 24	24 16	0 39	11 14	1 24	21 19	1 9	5 40	2 35	17 28	0 43	2 8	1 58	2 24	13 40	20 29	20 18	16 31			n.a.
W11	22 42	17 24	4 15	21 18	2 13	24 14	0 41	11 24	1 25	21 21	1 9	5 41	2 35	17 27	0 43	2 8	1 58	2 23	13 39	20 30	20 18	16 33			n.a.
T 12	22 34	20 8	3 18	21 31	2 2	24 12	0 43	11 33	1 25	21 23	1 10	5 41	2 35	17 26	0 43	2 8	1 58	2 23	13 39	20 30	20 19	16 35			n.a.
F 13	22 26	21 29	2 8	21 43	1 51	24 9	0 45	11 43	1 26	21 24	1 10	5 42	2 35	17 25	0 43	2 8	1 59	2 23	13 39	20 30	20 20	16 37			n.a.
S 14	22 17	21 20	0 50	21 56	1 40	24 6	0 47	11 53	1 26	21 26	1 10	5 42	2 36	17 24	0 43	2 8	1 59	2 23	13 38	20 30	20 21	16 38			n.a.
S 15	22 8	19 44	0n31	22 9	1 29	24 1	0 49	12 2	1 26	21 28	1 10	5 43	2 36	17 23	0 43	2 8	1 59	2 22	13 38	20 30	20 21	16 40			n.a.
M16	21 59	16 57	1 47	22 22	1 18	23 56	0 51	12 12	1 27	21 30	1 10	5 44	2 36	17 22	0 43	2 8	1 59	2 22	13 38	20 30	20 22	16 42			n.a.
T 17	21 49	13 16	2 55	22 34	1 7	23 50	0 53	12 22	1 27	21 32	1 10	5 44	2 37	17 21	0 43	2 8	1 59	2 22	13 37	20 30	20 23	16 44			n.a.
W18	21 39	9 1	3 52	22 46	0 56	23 43	0 55	12 32	1 27	21 34	1 11	5 45	2 37	17 20	0 43	2 8	1 59	2 21	13 37	20 30	20 23	16 45			n.a.
T 19	21 28	4 29	4 34	22 57	0 46	23 36	0 56	12 42	1 28	21 35	1 11	5 46	2 37	17 19	0 43	2 8	1 59	2 21	13 37	20 30	20 24	16 47			n.a.
F 20	21 17	0s 6	5 2	23 8	0 36	23 28	0 58	12 52	1 28	21 37	1 11	5 47	2 37	17 18	0 43	2 8	1 59	2 21	13 36	20 30	20 25	16 49			n.a.
S 21	21 5	4 34	5 16	23 19	0 26	23 19	1 0	13 2	1 28	21 39	1 11	5 48	2 38	17 17	0 43	2 7	1 59	2 20	13 36	20 30	20 25	16 51			n.a.
S 22	20 53	8 47	5 15	23 28	0 16	23 9	1 1	13 12	1 29	21 41	1 11	5 48	2 38	17 16	0 43	2 7	1 59	2 20	13 36	20 30	20 26	16 52			n.a.
M23	20 41	12 37	5 1	23 37	0 6	22 59	1 3	13 22	1 29	21 43	1 11	5 49	2 38	17 15	0 43	2 7	1 59	2 20	13 35	20 30	20 27	16 54			n.a.
T 24	20 29	15 55	4 34	23 44	0s 3	22 48	1 5	13 32	1 29	21 44	1 11	5 50	2 38	17 14	0 43	2 7	1 59	2 19	13 35	20 30	20 27	16 56			n.a.
W25	20 16	18 35	3 55	23 51	0 12	22 37	1 6	13 42	1 29	21 46	1 11	5 51	2 39	17 13	0 43	2 7	1 59	2 19	13 35	20 30	20 28	16 58			n.a.
T 26	20 2	20 29	3 6	23 57	0 21	22 24	1 8	13 52	1 30	21 48	1 11	5 53	2 39	17 12	0 43	2 7	1 59	2 19	13 35	20 30	20 29	16 59			n.a.
F 27	19 48	21 28	2 9	24 2	0 29	22 11	1 9	14 2	1 30	21 50	1 12	5 54	2 39	17 11	0 43	2 6	1 59	2 18	13 34	20 30	20 29	17 1			n.a.
S 28	19 34	21 28	1 4	24 6	0 37	21 58	1 10	14 12	1 30	21 51	1 12	5 55	2 39	17 10	0 43	2 6	2 0	2 18	13 34	20 30	20 30	17 3			n.a.
S 29	19 20	20 24	0s 4	24 8	0 45	21 44	1 12	14 22	1 30	21 53	1 12	5 56	2 40	17 9	0 42	2 6	2 0	2 17	13 34	20 30	20 31	17 5			n.a.
M30	19 5	18 19	1 13	24 9	0 53	21 29	1 13	14 32	1 31	21 55	1 12	5 57	2 40	17 8	0 42	2 6	2 0	2 17	13 33	20 30	20 31	17 6			n.a.
T 31	18s50	15s17	2s20	24s 9	1s 0	21s13	1s14	14n42	1n31	21n56	1n12	5n58	2n40	17s 7	0s42	2s 5	2n 0	2s17	13s33	20n30	20n32	17s 8			n.a.

Julian Day Number = 1595046.5, Delta T = 04h02m45s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'58, Lahiri = - 8°43'57 Julian Calendar 1 Jan. 346 BCE == Greg. Calendar 27 Dec. 347 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

FEBRUARY 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 23 26	7♒40'32	8♓50	13♉41	3♒ 0	5♉17	28°R 7	21°R10	15♒22	9°R47	26♈32	29°R32	29♋19	4♐29	n.a.	W 1
T 2	8 27 23	8°40'36	22° 8	15° 4	4°15	5°46	27♋59	21♍ 7	15°26	9♎46	26°32	29♋31	29°16	4°36	n.a.	T 2
F 3	8 31 19	9°40'37	5♈39	16°29	5°29	6°15	27°52	21° 5	15°29	9°45	26°32	29°30	29°13	4°42	n.a.	F 3
S 4	8 35 16	10°40'35	19°22	17°55	6°44	6°45	27°44	21° 2	15°32	9°45	26°33	29°29	29°10	4°49	n.a.	S 4
S 5	8 39 12	11°40'32	3♉17	19°23	7°59	7°15	27°37	20°59	15°36	9°44	26°33	29°28	29° 6	4°56	n.a.	S 5
M 6	8 43 9	12°40'26	17°23	20°52	9°14	7°44	27°29	20°56	15°39	9°43	26°34	29°D28	29° 3	5° 3	n.a.	M 6
T 7	8 47 5	13°40'18	1♊37	22°21	10°28	8°14	27°22	20°53	15°43	9°43	26°34	29°29	29° 0	5° 9	n.a.	T 7
W 8	8 51 2	14°40'07	15°58	23°53	11°43	8°44	27°15	20°50	15°46	9°42	26°35	29°30	28°57	5°16	n.a.	W 8
T 9	8 54 58	15°39'55	0♋22	25°25	12°58	9°15	27° 8	20°46	15°50	9°41	26°35	29°31	28°54	5°23	n.a.	T 9
F 10	8 58 55	16°39'39	14°46	26°59	14°12	9°45	27° 0	20°43	15°53	9°40	26°36	29°32	28°51	5°29	n.a.	F 10
S 11	9 2 52	17°39'22	29° 5	28°34	15°27	10°16	26°53	20°40	15°56	9°40	26°36	29°R32	28°47	5°36	n.a.	S 11
S 12	9 6 48	18°39'02	13♌14	0♒10	16°42	10°46	26°47	20°36	16° 0	9°39	26°37	29°32	28°44	5°43	n.a.	S 12
M13	9 10 45	19°38'40	27° 9	1°47	17°56	11°17	26°40	20°33	16° 3	9°38	26°38	29°31	28°41	5°49	n.a.	M13
T 14	9 14 41	20°38'16	10♍47	3°25	19°11	11°48	26°33	20°29	16° 7	9°37	26°38	29°28	28°38	5°56	n.a.	T 14
W15	9 18 38	21°37'50	24° 4	5° 5	20°25	12°19	26°26	20°25	16°10	9°36	26°39	29°25	28°35	6° 3	n.a.	W15
T 16	9 22 34	22°37'22	7♎ 2	6°46	21°40	12°50	26°20	20°22	16°14	9°35	26°39	29°21	28°31	6° 9	n.a.	T 16
F 17	9 26 31	23°36'52	19°39	8°28	22°55	13°21	26°14	20°18	16°17	9°34	26°40	29°18	28°28	6°16	n.a.	F 17
S 18	9 30 27	24°36'20	1♏59	10°12	24° 9	13°52	26° 7	20°14	16°20	9°33	26°41	29°15	28°25	6°23	n.a.	S 18
S 19	9 34 24	25°35'46	14° 5	11°57	25°24	14°24	26° 1	20°10	16°24	9°32	26°42	29°13	28°22	6°30	n.a.	S 19
M20	9 38 20	26°35'11	26° 2	13°43	26°38	14°55	25°55	20° 6	16°27	9°31	26°42	29°D12	28°19	6°36	n.a.	M20
T 21	9 42 17	27°34'33	7♐53	15°30	27°53	15°27	25°50	20° 2	16°31	9°30	26°43	29°13	28°16	6°43	n.a.	T 21
W22	9 46 14	28°33'54	19°44	17°19	29° 7	15°59	25°44	19°58	16°34	9°29	26°44	29°14	28°12	6°50	n.a.	W22
T 23	9 50 10	29°33'13	1♑40	19° 9	0♓22	16°31	25°38	19°54	16°37	9°28	26°45	29°16	28° 9	6°56	n.a.	T 23
F 24	9 54 7	0♓32'29	13°46	21° 0	1°36	17° 2	25°33	19°50	16°41	9°27	26°45	29°18	28° 6	7° 3	n.a.	F 24
S 25	9 58 3	1°31'44	26° 5	22°52	2°50	17°34	25°28	19°46	16°44	9°25	26°46	29°R19	28° 3	7°10	n.a.	S 25
S 26	10 2 0	2°30'57	8♒40	24°46	4° 5	18° 7	25°23	19°41	16°47	9°24	26°47	29°18	28° 0	7°16	n.a.	S 26
M27	10 5 56	3°30'08	21°33	26°42	5°19	18°39	25°18	19°37	16°51	9°23	26°48	29°16	27°57	7°23	n.a.	M27
T 28	10 9 53	4♓29'16	4♓45	28♒38	6♓34	19♉11	25♋13	19♍33	16♒54	9♎22	26♈49	29♋13	27♋53	7♐30	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	18s35	11s27	3s21	24s 8	1s 7	20s57	1s15	14n52	1n31	21n58	1n12	6n 0	2n40	17s 6	0s42	2s 5	2n 0	2s16	13s33	20n30	20n33	17s10		n.a.	W 1
T 2	18 19	7 0	4 12	24 6	1 14	20 40	1 16	15 2	1 31	22 0	1 12	6 1	2 41	17 5	0 42	2 5	2 0	2 16	13 32	20 30	20 33	17 11		n.a.	T 2
F 3	18 3	2 9	4 50	24 2	1 20	20 23	1 17	15 12	1 31	22 1	1 12	6 2	2 41	17 4	0 42	2 5	2 0	2 15	13 32	20 30	20 34	17 13		n.a.	F 3
S 4	17 46	2n52	5 12	23 56	1 26	20 5	1 18	15 22	1 31	22 3	1 12	6 4	2 41	17 3	0 42	2 4	2 0	2 15	13 32	20 31	20 35	17 15		n.a.	S 4
S 5	17 30	7 49	5 16	23 50	1 32	19 46	1 19	15 32	1 32	22 4	1 12	6 5	2 41	17 2	0 42	2 4	2 0	2 15	13 31	20 31	20 35	17 17		n.a.	S 5
M 6	17 13	12 25	5 1	23 41	1 37	19 27	1 20	15 42	1 32	22 6	1 12	6 6	2 41	17 1	0 42	2 4	2 0	2 14	13 31	20 31	20 36	17 18		n.a.	M 6
T 7	16 56	16 22	4 28	23 32	1 42	19 7	1 21	15 52	1 32	22 8	1 12	6 8	2 42	17 0	0 42	2 3	2 0	2 14	13 31	20 31	20 37	17 20		n.a.	T 7
W 8	16 38	19 22	3 38	23 20	1 46	18 47	1 21	16 2	1 32	22 9	1 12	6 9	2 42	16 59	0 42	2 3	2 0	2 13	13 31	20 31	20 37	17 22		n.a.	W 8
T 9	16 20	21 10	2 34	23 7	1 50	18 27	1 22	16 12	1 32	22 10	1 12	6 11	2 42	16 58	0 42	2 3	2 0	2 13	13 30	20 30	20 38	17 23		n.a.	T 9
F 10	16 2	21 34	1 21	22 53	1 54	18 5	1 23	16 22	1 32	22 12	1 12	6 12	2 42	16 57	0 42	2 2	2 0	2 12	13 30	20 30	20 39	17 25		n.a.	F 10
S 11	15 44	20 33	0 3	22 37	1 57	17 44	1 23	16 32	1 32	22 13	1 12	6 14	2 42	16 56	0 42	2 2	2 0	2 12	13 30	20 30	20 39	17 27		n.a.	S 11
S 12	15 25	18 15	1n15	22 20	2 0	17 21	1 24	16 42	1 32	22 15	1 12	6 15	2 43	16 55	0 42	2 2	2 0	2 11	13 29	20 30	20 40	17 28		n.a.	S 12
M13	15 6	14 54	2 27	22 0	2 3	16 59	1 24	16 52	1 33	22 16	1 12	6 17	2 43	16 54	0 42	2 1	2 1	2 11	13 29	20 30	20 41	17 30		n.a.	M13
T 14	14 47	10 49	3 28	21 39	2 5	16 35	1 24	17 2	1 33	22 17	1 12	6 18	2 43	16 53	0 42	2 1	2 1	2 10	13 29	20 31	20 41	17 32		n.a.	T 14
W15	14 28	6 18	4 17	21 17	2 7	16 12	1 25	17 11	1 33	22 19	1 12	6 20	2 43	16 52	0 43	2 0	2 1	2 10	13 28	20 32	20 42	17 33		n.a.	W15
T 16	14 9	1 37	4 51	20 52	2 8	15 48	1 25	17 21	1 33	22 20	1 12	6 22	2 43	16 51	0 43	2 0	2 1	2 9	13 28	20 32	20 43	17 35		n.a.	T 16
F 17	13 49	3s 0	5 10	20 26	2 9	15 23	1 25	17 31	1 33	22 21	1 12	6 23	2 44	16 50	0 43	1 59	2 1	2 9	13 28	20 33	20 43	17 37		n.a.	F 17
S 18	13 29	7 24	5 14	19 59	2 9	14 58	1 25	17 41	1 33	22 22	1 12	6 25	2 44	16 49	0 43	1 59	2 1	2 8	13 28	20 34	20 44	17 38		n.a.	S 18
S 19	13 9	11 26	5 4	19 29	2 9	14 33	1 25	17 50	1 33	22 23	1 12	6 27	2 44	16 48	0 43	1 59	2 1	2 8	13 27	20 34	20 45	17 40		n.a.	S 19
M20	12 48	14 57	4 41	18 58	2 9	14 7	1 25	18 0	1 33	22 24	1 12	6 28	2 44	16 47	0 43	1 58	2 1	2 7	13 27	20 34	20 45	17 42		n.a.	M20
T 21	12 28	17 51	4 6	18 25	2 8	13 41	1 25	18 9	1 33	22 25	1 12	6 30	2 44	16 45	0 43	1 58	2 1	2 7	13 27	20 34	20 46	17 43		n.a.	T 21
W22	12 7	20 0	3 20	17 50	2 6	13 15	1 25	18 19	1 33	22 27	1 12	6 32	2 44	16 44	0 43	1 57	2 1	2 6	13 27	20 34	20 47	17 45		n.a.	W22
T 23	11 46	21 18	2 26	17 14	2 4	12 48	1 25	18 28	1 33	22 28	1 12	6 34	2 44	16 43	0 43	1 57	2 1	2 6	13 26	20 33	20 47	17 47		n.a.	T 23
F 24	11 25	21 37	1 24	16 35	2 1	12 21	1 24	18 37	1 33	22 29	1 12	6 35	2 45	16 42	0 43	1 56	2 1	2 5	13 26	20 33	20 48	17 48		n.a.	F 24
S 25	11 4	20 54	0 18	15 55	1 58	11 54	1 24	18 46	1 33	22 29	1 12	6 37	2 45	16 41	0 43	1 56	2 1	2 5	13 26	20 33	20 49	17 50		n.a.	S 25
S 26	10 42	19 8	0s51	15 13	1 55	11 26	1 24	18 56	1 33	22 30	1 12	6 39	2 45	16 40	0 43	1 55	2 1	2 4	13 25	20 33	20 49	17 52		n.a.	S 26
M27	10 21	16 22	1 58	14 30	1 51	10 58	1 23	19 5	1 33	22 31	1 12	6 41	2 45	16 39	0 43	1 55	2 1	2 4	13 25	20 33	20 50	17 53		n.a.	M27
T 28	9s59	12s42	3s 1	13s45	1s46	10s29	1s23	19n14	1n33	22n32	1n12	6n43	2n45	16s38	0s43	1s54	2n 1	2s 3	13s25	20n34	20n50	17s55		n.a.	T 28

Julian Day Number = 1595077.5, Delta T = 04h02m43s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'54, Lahiri = - 8°43'53 Julian Calendar 1 Feb. 346 BCE == Greg. Calendar 27 Jan. 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

MARCH 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 13 49	5♓28'23	18♓14	0♓36	7♓48	19♉44	25°R 8	19°R29	16♒57	9°R20	26♈50	29°R 8	27♋50	7♐36	n.a.	W 1
T 2	10 17 46	6°27'27	1♈59	2°35	9° 2	20°16	25♋ 4	19♍24	17° 1	9♎19	26°51	29♋ 2	27°47	7°43	n.a.	T 2
F 3	10 21 43	7°26'29	15°56	4°35	10°17	20°49	25° 0	19°20	17° 4	9°18	26°52	28°56	27°44	7°50	n.a.	F 3
S 4	10 25 39	8°25'29	0♉ 2	6°37	11°31	21°21	24°55	19°15	17° 7	9°16	26°53	28°50	27°41	7°57	n.a.	S 4
S 5	10 29 36	9°24'26	14°12	8°39	12°45	21°54	24°51	19°11	17°10	9°15	26°54	28°46	27°37	8° 3	n.a.	S 5
M 6	10 33 32	10°23'21	28°24	10°42	14° 0	22°27	24°48	19° 6	17°14	9°14	26°54	28°44	27°34	8°10	n.a.	M 6
T 7	10 37 29	11°22'13	12♊35	12°46	15°14	23° 0	24°44	19° 2	17°17	9°12	26°55	28°D43	27°31	8°17	n.a.	T 7
W 8	10 41 25	12°21'03	26°43	14°51	16°28	23°33	24°41	18°57	17°20	9°11	26°56	28°44	27°28	8°23	n.a.	W 8
T 9	10 45 22	13°19'51	10♋47	16°56	17°43	24° 6	24°37	18°53	17°23	9°10	26°57	28°45	27°25	8°30	n.a.	T 9
F 10	10 49 18	14°18'37	24°45	19° 2	18°57	24°39	24°34	18°48	17°26	9° 8	26°59	28°R46	27°22	8°37	n.a.	F 10
S 11	10 53 15	15°17'20	8♌36	21° 7	20°11	25°12	24°31	18°44	17°30	9° 7	27° 0	28°45	27°18	8°43	n.a.	S 11
S 12	10 57 11	16°16'00	22°18	23°12	21°25	25°45	24°29	18°39	17°33	9° 5	27° 1	28°43	27°15	8°50	n.a.	S 12
M13	11 1 8	17°14'39	5♍50	25°17	22°39	26°19	24°26	18°35	17°36	9° 4	27° 2	28°39	27°12	8°57	n.a.	M13
T 14	11 5 5	18°13'15	19° 9	27°21	23°53	26°52	24°24	18°30	17°39	9° 2	27° 3	28°32	27° 9	9° 3	n.a.	T 14
W15	11 9 1	19°11'49	2♎13	29°23	25° 7	27°25	24°22	18°26	17°42	9° 1	27° 4	28°23	27° 6	9°10	n.a.	W15
T 16	11 12 58	20°10'21	15° 1	1♈24	26°22	27°59	24°20	18°21	17°45	8°59	27° 5	28°14	27° 2	9°17	n.a.	T 16
F 17	11 16 54	21° 8'52	27°34	3°23	27°36	28°33	24°18	18°16	17°48	8°58	27° 6	28° 5	26°59	9°24	n.a.	F 17
S 18	11 20 51	22° 7'20	9♏52	5°20	28°50	29° 6	24°16	18°12	17°51	8°56	27° 7	27°57	26°56	9°30	n.a.	S 18
S 19	11 24 47	23° 5'47	21°57	7°14	0♈ 4	29°40	24°15	18° 7	17°54	8°55	27° 8	27°50	26°53	9°37	n.a.	S 19
M20	11 28 44	24° 4'12	3♐53	9° 6	1°18	0♊14	24°13	18° 3	17°57	8°53	27°10	27°46	26°50	9°44	n.a.	M20
T 21	11 32 40	25° 2'35	15°44	10°54	2°32	0°47	24°12	17°58	18° 0	8°52	27°11	27°43	26°47	9°50	n.a.	T 21
W22	11 36 37	26° 0'57	27°35	12°39	3°46	1°21	24°11	17°54	18° 3	8°50	27°12	27°D43	26°43	9°57	n.a.	W22
T 23	11 40 34	26°59'17	9♑31	14°20	5° 0	1°55	24°11	17°49	18° 5	8°48	27°13	27°43	26°40	10° 4	n.a.	T 23
F 24	11 44 30	27°57'35	21°37	15°58	6°14	2°29	24°10	17°45	18° 8	8°47	27°14	27°R44	26°37	10°10	n.a.	F 24
S 25	11 48 27	28°55'52	3♒59	17°32	7°28	3° 3	24°10	17°40	18°11	8°45	27°15	27°44	26°34	10°17	n.a.	S 25
S 26	11 52 23	29°54'07	16°40	19° 1	8°42	3°37	24°D10	17°36	18°14	8°44	27°17	27°42	26°31	10°24	n.a.	S 26
M27	11 56 20	0♈52'20	29°43	20°26	9°56	4°12	24°10	17°32	18°17	8°42	27°18	27°38	26°28	10°30	n.a.	M27
T 28	12 0 16	1°50'32	13♓10	21°47	11° 9	4°46	24°10	17°27	18°19	8°40	27°19	27°32	26°24	10°37	n.a.	T 28
W29	12 4 13	2°48'42	27° 1	23° 3	12°23	5°20	24°10	17°23	18°22	8°39	27°20	27°23	26°21	10°44	n.a.	W29
T 30	12 8 9	3°46'50	11♈11	24°15	13°37	5°54	24°11	17°19	18°25	8°37	27°22	27°13	26°18	10°50	n.a.	T 30
F 31	12 12 6	4♈44'56	25♈36	25♈22	14♈51	6♊29	24♋12	17♍14	18♒27	8♎36	27♈23	27♋ 3	26♋15	10♐57	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s37	8s18	3s55	12s58	1s41	10s 1	1s22	19n23	1n33	22n33	1n12	6n45	2n45	16s37	0s43	1s53	2n 1	2s 2	13s25	20n35	20n51	17s57		n.a.
T 2	9 15	3 25	4 37	12 9	1 35	9 32	1 21	19 32	1 33	22 34	1 12	6 46	2 45	16 36	0 43	1 53	2 1	2 2	13 24	20 36	20 52	17 58		n.a.
F 3	8 53	1n42	5 2	11 19	1 28	9 3	1 21	19 41	1 33	22 34	1 12	6 48	2 45	16 35	0 43	1 52	2 1	2 1	13 24	20 38	20 52	18 0		n.a.
S 4	8 31	6 47	5 10	10 27	1 21	8 34	1 20	19 49	1 33	22 35	1 12	6 50	2 45	16 34	0 43	1 52	2 1	2 1	13 24	20 39	20 53	18 2		n.a.
S 5	8 8	11 33	4 59	9 34	1 14	8 4	1 19	19 58	1 33	22 36	1 12	6 52	2 46	16 33	0 43	1 51	2 1	2 0	13 24	20 40	20 54	18 3		n.a.
M 6	7 46	15 40	4 30	8 40	1 6	7 34	1 18	20 7	1 33	22 36	1 12	6 54	2 46	16 32	0 43	1 51	2 1	2 0	13 24	20 40	20 54	18 5		n.a.
T 7	7 23	18 53	3 44	7 44	0 57	7 4	1 17	20 15	1 33	22 37	1 11	6 56	2 46	16 31	0 43	1 50	2 2	1 59	13 23	20 40	20 55	18 6		n.a.
W 8	7 1	20 57	2 45	6 47	0 48	6 34	1 16	20 24	1 33	22 37	1 11	6 57	2 46	16 30	0 43	1 49	2 2	1 59	13 23	20 40	20 56	18 8		n.a.
T 9	6 38	21 42	1 36	5 49	0 39	6 4	1 15	20 32	1 33	22 38	1 11	6 59	2 46	16 30	0 43	1 49	2 2	1 58	13 23	20 40	20 56	18 10		n.a.
F 10	6 15	21 5	0 22	4 50	0 29	5 34	1 14	20 40	1 33	22 38	1 11	7 1	2 46	16 29	0 43	1 48	2 2	1 57	13 23	20 40	20 57	18 11		n.a.
S 11	5 52	19 11	0n53	3 51	0 19	5 3	1 13	20 48	1 33	22 39	1 11	7 3	2 46	16 28	0 43	1 48	2 2	1 57	13 22	20 40	20 57	18 13		n.a.
S 12	5 29	16 12	2 4	2 51	0 8	4 32	1 12	20 56	1 33	22 39	1 11	7 5	2 46	16 27	0 43	1 47	2 2	1 56	13 22	20 40	20 58	18 14		n.a.
M13	5 6	12 22	3 6	1 51	0n 3	4 2	1 10	21 4	1 33	22 40	1 11	7 7	2 46	16 26	0 43	1 46	2 2	1 56	13 22	20 41	20 59	18 16		n.a.
T 14	4 43	7 59	3 57	0 51	0 14	3 31	1 9	21 12	1 33	22 40	1 11	7 9	2 46	16 25	0 43	1 46	2 2	1 55	13 22	20 43	20 59	18 18		n.a.
W15	4 20	3 18	4 35	0n 8	0 25	3 0	1 8	21 20	1 33	22 40	1 11	7 10	2 46	16 24	0 43	1 45	2 2	1 55	13 22	20 44	21 0	18 19		n.a.
T 16	3 56	1s25	4 58	1 7	0 37	2 28	1 6	21 28	1 33	22 41	1 11	7 12	2 46	16 23	0 43	1 45	2 2	1 54	13 21	20 46	21 1	18 21		n.a.
F 17	3 33	5 59	5 6	2 6	0 48	1 57	1 5	21 35	1 33	22 41	1 11	7 14	2 46	16 22	0 43	1 44	2 2	1 53	13 21	20 48	21 1	18 22		n.a.
S 18	3 10	10 13	5 0	3 3	0 59	1 26	1 3	21 43	1 33	22 41	1 10	7 16	2 46	16 21	0 43	1 43	2 2	1 53	13 21	20 50	21 2	18 24		n.a.
S 19	2 46	13 59	4 40	3 59	1 10	0 55	1 1	21 50	1 33	22 41	1 10	7 18	2 46	16 20	0 43	1 43	2 2	1 52	13 21	20 51	21 2	18 26		n.a.
M20	2 23	17 8	4 8	4 54	1 21	0 23	1 0	21 57	1 33	22 41	1 10	7 19	2 46	16 19	0 43	1 42	2 2	1 52	13 21	20 52	21 3	18 27		n.a.
T 21	2 0	19 33	3 25	5 46	1 32	0n 8	0 58	22 5	1 33	22 41	1 10	7 21	2 46	16 18	0 43	1 41	2 2	1 51	13 20	20 52	21 4	18 29		n.a.
W22	1 36	21 9	2 34	6 37	1 42	0 39	0 56	22 12	1 32	22 41	1 10	7 23	2 46	16 18	0 43	1 41	2 2	1 51	13 20	20 53	21 4	18 30		n.a.
T 23	1 13	21 48	1 36	7 26	1 52	1 11	0 55	22 19	1 32	22 41	1 10	7 25	2 46	16 17	0 43	1 40	2 2	1 50	13 20	20 52	21 5	18 32		n.a.
F 24	0 49	21 26	0 33	8 13	2 1	1 42	0 53	22 25	1 32	22 41	1 10	7 27	2 46	16 16	0 43	1 39	2 2	1 49	13 20	20 52	21 6	18 33		n.a.
S 25	0 26	20 2	0s33	8 57	2 10	2 13	0 51	22 32	1 32	22 41	1 10	7 28	2 46	16 15	0 43	1 39	2 2	1 49	13 20	20 52	21 6	18 35		n.a.
S 26	0 2	17 37	1 39	9 39	2 18	2 44	0 49	22 39	1 32	22 41	1 10	7 30	2 46	16 14	0 43	1 38	2 2	1 48	13 20	20 53	21 7	18 37		n.a.
M27	0n21	14 14	2 42	10 19	2 25	3 16	0 47	22 45	1 32	22 41	1 9	7 32	2 46	16 13	0 43	1 38	2 2	1 48	13 19	20 53	21 7	18 38		n.a.
T 28	0 44	10 2	3 37	10 55	2 31	3 47	0 45	22 51	1 32	22 41	1 9	7 33	2 46	16 12	0 43	1 37	2 2	1 47	13 19	20 55	21 8	18 40		n.a.
W29	1 8	5 12	4 22	11 29	2 37	4 18	0 43	22 58	1 32	22 41	1 9	7 35	2 46	16 12	0 43	1 36	2 2	1 47	13 19	20 56	21 9	18 41		n.a.
T 30	1 31	0n 1	4 51	12 1	2 42	4 49	0 41	23 4	1 32	22 41	1 9	7 37	2 46	16 11	0 43	1 36	2 2	1 46	13 19	20 58	21 9	18 43		n.a.
F 31	1n55	5n19	5s 2	12n30	2n46	5n20	0s39	23n10	1n32	22n40	1n 9	7n38	2n46	16s10	0s43	1s35	2n 2	1s45	13s19	21n 1	21n10	18s44		n.a.

Julian Day Number = 1595105.5, Delta T = 04h02m42s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'50, Lahiri = - 8°43'49 Julian Calendar 1 March 346 BCE == Greg. Calendar 24 Feb. 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

APRIL 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 16 2	5♈43'00	10♉ 8	26♈24	16♈ 5	7♊ 3	24♋13	17°R10	18♒30	8°R34	27♈24	26°R53	26♋12	11♐ 4	n.a.	S 1
S 2	12 19 59	6°41'02	24°42	27°21	17°19	7°38	24°14	17♍ 6	18°32	8♎32	27°25	26♋46	26° 8	11°10	n.a.	S 2
M 3	12 23 56	7°39'03	9♊11	28°14	18°32	8°12	24°15	17° 2	18°35	8°31	27°27	26°40	26° 5	11°17	n.a.	M 3
T 4	12 27 52	8°37'01	23°31	29° 1	19°46	8°47	24°17	16°58	18°37	8°29	27°28	26°38	26° 2	11°24	n.a.	T 4
W 5	12 31 49	9°34'58	7♋39	29°44	21° 0	9°21	24°18	16°54	18°40	8°27	27°29	26°D37	25°59	11°31	n.a.	W 5
T 6	12 35 45	10°32'53	21°34	0♌21	22°14	9°56	24°20	16°50	18°42	8°26	27°31	26°R37	25°56	11°37	n.a.	T 6
F 7	12 39 42	11°30'45	5♌17	0°53	23°27	10°31	24°22	16°46	18°45	8°24	27°32	26°37	25°53	11°44	n.a.	F 7
S 8	12 43 38	12°28'36	18°47	1°21	24°41	11° 5	24°25	16°42	18°47	8°23	27°33	26°35	25°49	11°51	n.a.	S 8
S 9	12 47 35	13°26'25	2♍ 7	1°43	25°55	11°40	24°27	16°38	18°49	8°21	27°35	26°31	25°46	11°57	n.a.	S 9
M10	12 51 31	14°24'12	15°15	1°59	27° 8	12°15	24°30	16°34	18°52	8°19	27°36	26°24	25°43	12° 4	n.a.	M10
T 11	12 55 28	15°21'57	28°12	2°11	28°22	12°50	24°32	16°31	18°54	8°18	27°37	26°15	25°40	12°11	n.a.	T 11
W12	12 59 25	16°19'40	10♎58	2°18	29°35	13°25	24°35	16°27	18°56	8°16	27°39	26° 3	25°37	12°17	n.a.	W12
T 13	13 3 21	17°17'22	23°32	2°R19	0♌49	14° 0	24°38	16°23	18°58	8°14	27°40	25°50	25°33	12°24	n.a.	T 13
F 14	13 7 18	18°15'03	5♏54	2°16	2° 3	14°35	24°42	16°20	19° 0	8°13	27°41	25°37	25°30	12°31	n.a.	F 14
S 15	13 11 14	19°12'42	18° 4	2° 8	3°16	15°10	24°45	16°16	19° 3	8°11	27°43	25°25	25°27	12°37	n.a.	S 15
S 16	13 15 11	20°10'20	0♐ 5	1°56	4°30	15°45	24°49	16°13	19° 5	8°10	27°44	25°15	25°24	12°44	n.a.	S 16
M17	13 19 7	21° 7'57	11°59	1°40	5°43	16°20	24°52	16°10	19° 7	8° 8	27°45	25° 7	25°21	12°51	n.a.	M17
T 18	13 23 4	22° 5'33	23°48	1°19	6°57	16°55	24°56	16° 6	19° 9	8° 7	27°47	25° 3	25°18	12°57	n.a.	T 18
W19	13 27 0	23° 3'08	5♑38	0°56	8°10	17°30	25° 0	16° 3	19°11	8° 5	27°48	25° 0	25°14	13° 4	n.a.	W19
T 20	13 30 57	24° 0'41	17°32	0°29	9°24	18° 6	25° 5	16° 0	19°12	8° 3	27°49	24°59	25°11	13°11	n.a.	T 20
F 21	13 34 54	24°58'14	29°37	29♈59	10°37	18°41	25° 9	15°57	19°14	8° 2	27°51	24°59	25° 8	13°17	n.a.	F 21
S 22	13 38 50	25°55'45	11♒58	29°28	11°50	19°16	25°14	15°54	19°16	8° 0	27°52	24°59	25° 5	13°24	n.a.	S 22
S 23	13 42 47	26°53'16	24°39	28°55	13° 4	19°52	25°18	15°51	19°18	7°59	27°53	24°57	25° 2	13°31	n.a.	S 23
M24	13 46 43	27°50'45	7♓45	28°21	14°17	20°27	25°23	15°48	19°20	7°57	27°55	24°53	24°59	13°37	n.a.	M24
T 25	13 50 40	28°48'14	21°19	27°47	15°31	21° 2	25°28	15°46	19°21	7°56	27°56	24°46	24°55	13°44	n.a.	T 25
W26	13 54 36	29°45'41	5♈20	27°13	16°44	21°38	25°33	15°43	19°23	7°54	27°58	24°37	24°52	13°51	n.a.	W26
T 27	13 58 33	0♉43'08	19°46	26°40	17°57	22°13	25°39	15°40	19°25	7°53	27°59	24°26	24°49	13°58	n.a.	T 27
F 28	14 2 29	1°40'33	4♉31	26° 8	19°11	22°49	25°44	15°38	19°26	7°51	28° 0	24°15	24°46	14° 4	n.a.	F 28
S 29	14 6 26	2°37'58	19°27	25°39	20°24	23°25	25°50	15°35	19°28	7°50	28° 2	24° 4	24°43	14°11	n.a.	S 29
S 30	14 10 23	3♉35'21	4♊24	25♈11	21♉37	24♊ 0	25♋56	15♍33	19♒29	7♎48	28♈ 3	23♋56	24♋39	14♐18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n18	10n23	4s55	12n56	2n49	5n50	0s37	23n16	1n31	22n40	1n 9	7n40	2n46	16s 9	0s43	1s34	2n 2	1s45	13s19	21n 2	21n10	18s46		n.a.
S 2	2 41	14 51	4 28	13 19	2 51	6 21	0 34	23 21	1 31	22 40	1 9	7 42	2 46	16 8	0 43	1 34	2 2	1 44	13 19	21 4	21 11	18 47		n.a.
M 3	3 4	18 25	3 44	13 39	2 52	6 51	0 32	23 27	1 31	22 39	1 9	7 43	2 46	16 8	0 43	1 33	2 2	1 44	13 18	21 5	21 12	18 49		n.a.
T 4	3 27	20 49	2 46	13 56	2 52	7 22	0 30	23 32	1 31	22 39	1 8	7 45	2 45	16 7	0 43	1 32	2 2	1 43	13 18	21 5	21 12	18 50		n.a.
W 5	3 51	21 52	1 39	14 11	2 51	7 52	0 28	23 38	1 31	22 38	1 8	7 46	2 45	16 6	0 43	1 32	2 2	1 43	13 18	21 6	21 13	18 52		n.a.
T 6	4 14	21 33	0 27	14 22	2 49	8 22	0 25	23 43	1 31	22 38	1 8	7 48	2 45	16 5	0 43	1 31	2 2	1 42	13 18	21 6	21 13	18 53		n.a.
F 7	4 36	19 55	0n46	14 31	2 46	8 52	0 23	23 48	1 31	22 38	1 8	7 49	2 45	16 5	0 43	1 30	2 2	1 41	13 18	21 6	21 14	18 55		n.a.
S 8	4 59	17 11	1 55	14 37	2 42	9 21	0 21	23 53	1 31	22 37	1 8	7 51	2 45	16 4	0 43	1 30	2 2	1 41	13 18	21 6	21 15	18 57		n.a.
S 9	5 22	13 35	2 56	14 39	2 36	9 51	0 18	23 57	1 30	22 36	1 8	7 52	2 45	16 3	0 43	1 29	2 2	1 40	13 18	21 7	21 15	18 58		n.a.
M10	5 45	9 22	3 47	14 39	2 30	10 20	0 16	24 2	1 30	22 36	1 8	7 53	2 45	16 3	0 44	1 28	2 2	1 40	13 18	21 8	21 16	19 0		n.a.
T 11	6 7	4 47	4 26	14 36	2 22	10 49	0 14	24 7	1 30	22 35	1 8	7 55	2 45	16 2	0 44	1 28	2 2	1 39	13 18	21 10	21 16	19 1		n.a.
W12	6 30	0 3	4 50	14 30	2 14	11 17	0 11	24 11	1 30	22 35	1 7	7 56	2 45	16 1	0 44	1 27	2 2	1 39	13 17	21 12	21 17	19 3		n.a.
T 13	6 52	4s36	5 0	14 22	2 4	11 46	0 9	24 15	1 30	22 34	1 7	7 57	2 44	16 1	0 44	1 27	2 2	1 38	13 17	21 15	21 18	19 4		n.a.
F 14	7 15	9 0	4 56	14 10	1 53	12 14	0 6	24 19	1 30	22 33	1 7	7 59	2 44	16 0	0 44	1 26	2 2	1 38	13 17	21 17	21 18	19 6		n.a.
S 15	7 37	12 59	4 38	13 56	1 41	12 42	0 4	24 23	1 30	22 32	1 7	8 0	2 44	15 59	0 44	1 25	2 2	1 37	13 17	21 19	21 19	19 7		n.a.
S 16	7 59	16 23	4 7	13 40	1 28	13 9	0 1	24 27	1 29	22 32	1 7	8 1	2 44	15 59	0 44	1 25	2 2	1 37	13 17	21 21	21 19	19 9		n.a.
M17	8 21	19 6	3 27	13 21	1 14	13 37	0n 1	24 30	1 29	22 31	1 7	8 2	2 44	15 58	0 44	1 24	2 2	1 36	13 17	21 22	21 20	19 10		n.a.
T 18	8 42	20 58	2 37	13 0	0 59	14 3	0 4	24 34	1 29	22 30	1 7	8 3	2 44	15 58	0 44	1 23	2 2	1 35	13 17	21 23	21 21	19 12		n.a.
W19	9 4	21 56	1 41	12 37	0 43	14 30	0 6	24 37	1 29	22 29	1 7	8 4	2 44	15 57	0 44	1 23	2 2	1 35	13 17	21 24	21 21	19 13		n.a.
T 20	9 26	21 55	0 39	12 12	0 27	14 56	0 9	24 40	1 29	22 28	1 7	8 6	2 43	15 56	0 44	1 22	2 2	1 34	13 17	21 24	21 22	19 14		n.a.
F 21	9 47	20 53	0s25	11 46	0 11	15 22	0 11	24 43	1 29	22 27	1 6	8 7	2 43	15 56	0 44	1 22	2 2	1 34	13 17	21 24	21 22	19 16		n.a.
S 22	10 8	18 50	1 29	11 19	0s 6	15 47	0 14	24 46	1 29	22 26	1 6	8 8	2 43	15 55	0 44	1 21	2 2	1 33	13 17	21 24	21 23	19 17		n.a.
S 23	10 29	15 49	2 30	10 51	0 24	16 13	0 16	24 49	1 28	22 25	1 6	8 9	2 43	15 55	0 44	1 20	2 2	1 33	13 17	21 24	21 23	19 19		n.a.
M24	10 50	11 56	3 26	10 23	0 41	16 37	0 19	24 51	1 28	22 24	1 6	8 10	2 43	15 54	0 44	1 20	2 2	1 32	13 17	21 25	21 24	19 20		n.a.
T 25	11 11	7 20	4 12	9 55	0 58	17 1	0 21	24 54	1 28	22 23	1 6	8 10	2 43	15 54	0 44	1 19	2 2	1 32	13 17	21 26	21 25	19 22		n.a.
W26	11 32	2 12	4 44	9 27	1 15	17 25	0 24	24 56	1 28	22 22	1 6	8 11	2 42	15 53	0 44	1 19	2 2	1 31	13 17	21 28	21 25	19 23		n.a.
T 27	11 52	3n12	5 0	9 0	1 31	17 49	0 26	24 58	1 28	22 21	1 6	8 12	2 42	15 53	0 44	1 18	2 2	1 31	13 17	21 30	21 26	19 25		n.a.
F 28	12 12	8 32	4 56	8 33	1 47	18 12	0 29	25 0	1 27	22 20	1 6	8 13	2 42	15 52	0 44	1 18	2 2	1 30	13 17	21 32	21 26	19 26		n.a.
S 29	12 32	13 27	4 32	8 8	2 2	18 34	0 31	25 1	1 27	22 19	1 5	8 14	2 42	15 52	0 44	1 17	2 2	1 30	13 17	21 34	21 27	19 28		n.a.
S 30	12n52	17n31	3s50	7n45	2s16	18n56	0n34	25n 3	1n27	22n18	1n 5	8n15	2n42	15s51	0s44	1s16	2n 2	1s29	13s17	21n35	21n27	19s29		n.a.

Julian Day Number = 1595136.5, Delta T = 04h02m41s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'46, Lahiri = - 8°43'45 Julian Calendar 1 Apr. 346 BCE == Greg. Calendar 27 March 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

MAY 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 14 19	4♉32'43	19♊14	24°R47	22♉50	24♊36	26♋ 2	15°R31	19♒30	7°R47	28♈ 4	23°R50	24♋36	14♐24	n.a.	M 1
T 2	14 18 16	5°30'05	3♋50	24♈26	24° 4	25°12	26° 8	15♍29	19°32	7♎46	28° 6	23♋47	24°33	14°31	n.a.	T 2
W 3	14 22 12	6°27'24	18° 8	24° 8	25°17	25°47	26°14	15°27	19°33	7°44	28° 7	23°D46	24°30	14°38	n.a.	W 3
T 4	14 26 9	7°24'43	2♌ 7	23°54	26°30	26°23	26°20	15°25	19°35	7°43	28° 8	23°R46	24°27	14°44	n.a.	T 4
F 5	14 30 5	8°22'01	15°46	23°45	27°43	26°59	26°27	15°23	19°36	7°42	28°10	23°46	24°24	14°51	n.a.	F 5
S 6	14 34 2	9°19'17	29° 7	23°39	28°56	27°35	26°33	15°21	19°37	7°40	28°11	23°44	24°20	14°58	n.a.	S 6
S 7	14 37 58	10°16'32	12♍12	23°D38	0♊ 9	28°11	26°40	15°19	19°38	7°39	28°12	23°41	24°17	15° 4	n.a.	S 7
M 8	14 41 55	11°13'46	25° 4	23°41	1°22	28°47	26°47	15°18	19°39	7°38	28°14	23°34	24°14	15°11	n.a.	M 8
T 9	14 45 52	12°10'59	7♎43	23°49	2°36	29°23	26°54	15°16	19°40	7°36	28°15	23°26	24°11	15°18	n.a.	T 9
W10	14 49 48	13° 8'12	20°12	24° 2	3°49	29°58	27° 1	15°15	19°41	7°35	28°16	23°15	24° 8	15°24	n.a.	W10
T 11	14 53 45	14° 5'23	2♏30	24°19	5° 2	0♋34	27° 9	15°14	19°42	7°34	28°18	23° 3	24° 5	15°31	n.a.	T 11
F 12	14 57 41	15° 2'34	14°40	24°40	6°15	1°11	27°16	15°12	19°43	7°33	28°19	22°51	24° 1	15°38	n.a.	F 12
S 13	15 1 38	15°59'44	26°41	25° 6	7°28	1°47	27°24	15°11	19°44	7°31	28°20	22°40	23°58	15°44	n.a.	S 13
S 14	15 5 34	16°56'54	8♐36	25°36	8°41	2°23	27°31	15°10	19°45	7°30	28°22	22°30	23°55	15°51	n.a.	S 14
M15	15 9 31	17°54'03	20°27	26°11	9°54	2°59	27°39	15° 9	19°46	7°29	28°23	22°24	23°52	15°58	n.a.	M15
T 16	15 13 27	18°51'12	2♑15	26°49	11° 6	3°35	27°47	15° 8	19°46	7°28	28°24	22°19	23°49	16° 4	n.a.	T 16
W17	15 17 24	19°48'21	14° 4	27°32	12°19	4°11	27°55	15° 8	19°47	7°27	28°26	22°17	23°45	16°11	n.a.	W17
T 18	15 21 21	20°45'29	25°59	28°20	13°32	4°47	28° 3	15° 7	19°48	7°26	28°27	22°D17	23°42	16°18	n.a.	T 18
F 19	15 25 17	21°42'37	8♒ 3	29°11	14°45	5°24	28°11	15° 6	19°48	7°25	28°28	22°17	23°39	16°24	n.a.	F 19
S 20	15 29 14	22°39'45	20°22	0♉ 6	15°58	6° 0	28°20	15° 6	19°49	7°24	28°29	22°R18	23°36	16°31	n.a.	S 20
S 21	15 33 10	23°36'53	3♓ 2	1° 5	17°11	6°36	28°28	15° 6	19°49	7°23	28°31	22°18	23°33	16°38	n.a.	S 21
M22	15 37 7	24°34'01	16° 6	2° 7	18°24	7°13	28°37	15° 5	19°50	7°22	28°32	22°16	23°30	16°44	n.a.	M22
T 23	15 41 3	25°31'09	29°37	3°14	19°36	7°49	28°46	15° 5	19°50	7°21	28°33	22°11	23°26	16°51	n.a.	T 23
W24	15 45 0	26°28'16	13♈38	4°24	20°49	8°26	28°54	15°D 5	19°51	7°20	28°34	22° 5	23°23	16°58	n.a.	W24
T 25	15 48 56	27°25'24	28° 7	5°38	22° 2	9° 2	29° 3	15° 5	19°51	7°19	28°36	21°58	23°20	17° 4	n.a.	T 25
F 26	15 52 53	28°22'32	12♉58	6°55	23°15	9°39	29°12	15° 5	19°51	7°18	28°37	21°50	23°17	17°11	n.a.	F 26
S 27	15 56 50	29°19'40	28° 5	8°16	24°27	10°15	29°22	15° 6	19°51	7°17	28°38	21°42	23°14	17°18	n.a.	S 27
S 28	16 0 46	0♊16'47	13♊16	9°41	25°40	10°52	29°31	15° 6	19°51	7°16	28°39	21°36	23°10	17°24	n.a.	S 28
M29	16 4 43	1°13'55	28°23	11° 9	26°53	11°28	29°40	15° 6	19°52	7°15	28°40	21°32	23° 7	17°31	n.a.	M29
T 30	16 8 39	2°11'02	13♋16	12°40	28° 5	12° 5	29°50	15° 7	19°52	7°15	28°41	21°30	23° 4	17°38	n.a.	T 30
W31	16 12 36	3♊ 8'09	27♋48	14♉15	29♊18	12♋42	29♋59	15♍ 7	19°R52	7♎14	28♈43	21°D30	23♋ 1	17♐44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	13n12	20n26	2s52	7n24	2s30	19n17	0n36	25n 4	1n27	22n16	1n 5	8n15	2n41	15s51	0s44	1s16	2n 2	1s29	13s17	21n36	21n28	19s30			n.a.
T 2	13 31	21 57	1 44	7 4	2 42	19 38	0 38	25 6	1 27	22 15	1 5	8 16	2 41	15 51	0 44	1 15	2 2	1 29	13 17	21 37	21 29	19 32			n.a.
W 3	13 50	22 0	0 30	6 47	2 54	19 59	0 41	25 7	1 27	22 14	1 5	8 17	2 41	15 50	0 44	1 15	2 2	1 28	13 17	21 37	21 29	19 33			n.a.
T 4	14 9	20 39	0n44	6 33	3 4	20 19	0 43	25 7	1 26	22 12	1 5	8 17	2 41	15 50	0 44	1 14	2 2	1 28	13 17	21 37	21 30	19 35			n.a.
F 5	14 28	18 7	1 54	6 20	3 13	20 38	0 46	25 8	1 26	22 11	1 5	8 18	2 41	15 50	0 44	1 14	2 2	1 27	13 17	21 37	21 30	19 36			n.a.
S 6	14 47	14 40	2 56	6 11	3 21	20 57	0 48	25 9	1 26	22 10	1 5	8 18	2 40	15 49	0 44	1 13	2 2	1 27	13 17	21 37	21 31	19 38			n.a.
S 7	15 5	10 33	3 47	6 4	3 28	21 15	0 50	25 9	1 26	22 8	1 5	8 19	2 40	15 49	0 44	1 13	2 2	1 26	13 17	21 38	21 31	19 39			n.a.
M 8	15 23	6 2	4 26	6 0	3 34	21 33	0 52	25 9	1 26	22 7	1 5	8 19	2 40	15 49	0 45	1 12	2 1	1 26	13 17	21 39	21 32	19 40			n.a.
T 9	15 41	1 21	4 51	5 59	3 38	21 50	0 55	25 9	1 25	22 5	1 4	8 19	2 40	15 48	0 45	1 12	2 1	1 25	13 17	21 40	21 33	19 42			n.a.
W10	15 59	3s20	5 1	6 0	3 42	22 6	0 57	25 9	1 25	22 4	1 4	8 20	2 40	15 48	0 45	1 11	2 1	1 25	13 17	21 42	21 33	19 43			n.a.
T 11	16 16	7 50	4 58	6 4	3 44	22 22	0 59	25 9	1 25	22 2	1 4	8 20	2 39	15 48	0 45	1 11	2 1	1 25	13 17	21 44	21 34	19 45			n.a.
F 12	16 33	11 58	4 41	6 11	3 45	22 37	1 1	25 9	1 25	22 1	1 4	8 20	2 39	15 47	0 45	1 10	2 1	1 24	13 17	21 46	21 34	19 46			n.a.
S 13	16 50	15 35	4 11	6 20	3 46	22 52	1 3	25 8	1 25	21 59	1 4	8 21	2 39	15 47	0 45	1 10	2 1	1 24	13 17	21 48	21 35	19 47			n.a.
S 14	17 6	18 33	3 31	6 32	3 45	23 6	1 6	25 7	1 24	21 57	1 4	8 21	2 39	15 47	0 45	1 10	2 1	1 23	13 17	21 50	21 35	19 49			n.a.
M15	17 23	20 42	2 41	6 46	3 44	23 19	1 8	25 6	1 24	21 56	1 4	8 21	2 39	15 47	0 45	1 9	2 1	1 23	13 17	21 51	21 36	19 50			n.a.
T 16	17 39	21 58	1 45	7 2	3 41	23 32	1 10	25 5	1 24	21 54	1 4	8 21	2 38	15 47	0 45	1 9	2 1	1 23	13 17	21 52	21 37	19 52			n.a.
W17	17 54	22 15	0 44	7 21	3 38	23 44	1 12	25 4	1 24	21 52	1 4	8 21	2 38	15 46	0 45	1 8	2 1	1 22	13 17	21 52	21 37	19 53			n.a.
T 18	18 10	21 32	0s20	7 41	3 34	23 55	1 13	25 2	1 23	21 51	1 4	8 21	2 38	15 46	0 45	1 8	2 1	1 22	13 17	21 52	21 38	19 54			n.a.
F 19	18 25	19 49	1 23	8 4	3 29	24 6	1 15	25 1	1 23	21 49	1 3	8 21	2 38	15 46	0 45	1 8	2 1	1 21	13 17	21 52	21 38	19 56			n.a.
S 20	18 40	17 9	2 25	8 29	3 23	24 16	1 17	24 59	1 23	21 47	1 3	8 21	2 37	15 46	0 45	1 7	2 1	1 21	13 17	21 52	21 39	19 57			n.a.
S 21	18 54	13 38	3 20	8 55	3 17	24 25	1 19	24 57	1 23	21 45	1 3	8 21	2 37	15 46	0 45	1 7	2 1	1 21	13 18	21 52	21 39	19 58			n.a.
M22	19 9	9 21	4 8	9 24	3 10	24 34	1 21	24 55	1 23	21 43	1 3	8 21	2 37	15 46	0 45	1 7	2 1	1 20	13 18	21 52	21 40	20 0			n.a.
T 23	19 23	4 28	4 43	9 54	3 2	24 42	1 22	24 52	1 22	21 41	1 3	8 21	2 37	15 46	0 45	1 6	2 1	1 20	13 18	21 53	21 40	20 1			n.a.
W24	19 36	0n48	5 3	10 25	2 54	24 49	1 24	24 50	1 22	21 40	1 3	8 21	2 36	15 46	0 45	1 6	2 1	1 20	13 18	21 54	21 41	20 3			n.a.
T 25	19 50	6 12	5 4	10 58	2 45	24 55	1 26	24 47	1 22	21 38	1 3	8 20	2 36	15 45	0 45	1 6	2 1	1 19	13 18	21 55	21 41	20 4			n.a.
F 26	20 3	11 23	4 46	11 33	2 35	25 1	1 27	24 44	1 22	21 36	1 3	8 20	2 36	15 45	0 45	1 5	2 1	1 19	13 18	21 57	21 42	20 5			n.a.
S 27	20 15	15 58	4 7	12 9	2 26	25 6	1 29	24 41	1 21	21 34	1 3	8 20	2 36	15 45	0 45	1 5	2 1	1 19	13 18	21 58	21 43	20 7			n.a.
S 28	20 28	19 31	3 11	12 45	2 15	25 10	1 30	24 38	1 21	21 32	1 3	8 20	2 35	15 45	0 45	1 5	2 1	1 18	13 18	21 59	21 43	20 8			n.a.
M29	20 40	21 42	2 1	13 23	2 5	25 13	1 31	24 35	1 21	21 30	1 3	8 19	2 35	15 45	0 45	1 4	2 1	1 18	13 18	21 59	21 44	20 9			n.a.
T 30	20 51	22 20	0 44	14 2	1 54	25 16	1 33	24 31	1 21	21 27	1 3	8 19	2 35	15 45	0 45	1 4	2 0	1 18	13 18	22 0	21 44	20 11			n.a.
W31	21n 3	21n25	0n34	14n41	1s43	25n18	1n34	24n27	1n20	21n25	1n 2	8n18	2n35	15s45	0s45	1s 4	2n 0	1s18	13s19	22n 0	21n45	20s12			n.a.

Julian Day Number = 1595166.5, Delta T = 04h02m40s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'41, Lahiri = - 8°43'41 Julian Calendar 1 May 346 BCE == Greg. Calendar 26 Apr. 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

JUNE 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 16 32	4♊ 5'16	11♌58	15♉53	0♋31	13♋18	0♌ 9	15♍ 8	19°R52	7°R13	28♈44	21♋31	22♋58	17♐51	n.a.	T 1
F 2	16 20 29	5° 2'23	25°42	17°35	1°43	13°55	0°18	15° 9	19♒51	7♎12	28°45	21°32	22°55	17°58	n.a.	F 2
S 3	16 24 26	5°59'29	9♍ 4	19°19	2°56	14°32	0°28	15°10	19°51	7°12	28°46	21°R32	22°51	18° 5	n.a.	S 3
S 4	16 28 22	6°56'35	22° 5	21° 7	4° 8	15° 9	0°38	15°11	19°51	7°11	28°47	21°31	22°48	18°11	n.a.	S 4
M 5	16 32 19	7°53'41	4♎48	22°58	5°21	15°46	0°48	15°12	19°51	7°11	28°48	21°28	22°45	18°18	n.a.	M 5
T 6	16 36 15	8°50'47	17°17	24°51	6°33	16°22	0°58	15°13	19°51	7°10	28°49	21°23	22°42	18°25	n.a.	T 6
W 7	16 40 12	9°47'53	29°33	26°47	7°45	16°59	1° 8	15°15	19°50	7° 9	28°50	21°17	22°39	18°31	n.a.	W 7
T 8	16 44 8	10°44'59	11♏40	28°46	8°58	17°36	1°19	15°16	19°50	7° 9	28°51	21°10	22°36	18°38	n.a.	T 8
F 9	16 48 5	11°42'05	23°40	0♊46	10°10	18°13	1°29	15°17	19°49	7° 8	28°53	21° 2	22°32	18°45	n.a.	F 9
S 10	16 52 1	12°39'12	5♐34	2°49	11°22	18°50	1°39	15°19	19°49	7° 8	28°54	20°56	22°29	18°51	n.a.	S 10
S 11	16 55 58	13°36'19	17°24	4°53	12°35	19°27	1°50	15°21	19°48	7° 8	28°55	20°50	22°26	18°58	n.a.	S 11
M12	16 59 55	14°33'26	29°13	6°59	13°47	20° 4	2° 1	15°23	19°48	7° 7	28°56	20°47	22°23	19° 5	n.a.	M12
T 13	17 3 51	15°30'34	11♑ 3	9° 6	14°59	20°41	2°11	15°24	19°47	7° 7	28°57	20°45	22°20	19°11	n.a.	T 13
W14	17 7 48	16°27'42	22°55	11°14	16°11	21°19	2°22	15°26	19°47	7° 6	28°58	20°D44	22°16	19°18	n.a.	W14
T 15	17 11 44	17°24'51	4♒53	13°22	17°23	21°56	2°33	15°28	19°46	7° 6	28°59	20°45	22°13	19°25	n.a.	T 15
F 16	17 15 41	18°22'01	17° 1	15°30	18°36	22°33	2°44	15°31	19°45	7° 6	29° 0	20°46	22°10	19°31	n.a.	F 16
S 17	17 19 37	19°19'11	29°23	17°39	19°48	23°10	2°55	15°33	19°44	7° 6	29° 0	20°48	22° 7	19°38	n.a.	S 17
S 18	17 23 34	20°16'22	12♓ 2	19°47	21° 0	23°47	3° 6	15°35	19°44	7° 5	29° 1	20°49	22° 4	19°45	n.a.	S 18
M19	17 27 30	21°13'34	25° 3	21°54	22°12	24°25	3°17	15°38	19°43	7° 5	29° 2	20°R49	22° 1	19°51	n.a.	M19
T 20	17 31 27	22°10'47	8♈30	24° 1	23°24	25° 2	3°28	15°40	19°42	7° 5	29° 3	20°48	21°57	19°58	n.a.	T 20
W21	17 35 24	23° 8'01	22°23	26° 7	24°36	25°39	3°39	15°43	19°41	7° 5	29° 4	20°46	21°54	20° 5	n.a.	W21
T 22	17 39 20	24° 5'16	6♉43	28°12	25°48	26°17	3°51	15°45	19°40	7° 5	29° 5	20°43	21°51	20°11	n.a.	T 22
F 23	17 43 17	25° 2'32	21°27	0♋15	27° 0	26°54	4° 2	15°48	19°39	7° 5	29° 6	20°40	21°48	20°18	n.a.	F 23
S 24	17 47 13	25°59'49	6♊29	2°18	28°11	27°32	4°13	15°51	19°38	7°D 5	29° 7	20°36	21°45	20°25	n.a.	S 24
S 25	17 51 10	26°57'07	21°41	4°18	29°23	28° 9	4°25	15°54	19°36	7° 5	29° 7	20°34	21°42	20°31	n.a.	S 25
M26	17 55 6	27°54'26	6♋52	6°18	0♌35	28°47	4°36	15°57	19°35	7° 5	29° 8	20°32	21°38	20°38	n.a.	M26
T 27	17 59 3	28°51'46	21°53	8°15	1°47	29°24	4°48	16° 0	19°34	7° 5	29° 9	20°D32	21°35	20°45	n.a.	T 27
W28	18 3 0	29°49'06	6♌37	10°11	2°59	0♌ 2	5° 0	16° 3	19°33	7° 5	29°10	20°32	21°32	20°51	n.a.	W28
T 29	18 6 56	0♋46'27	20°57	12° 6	4°10	0°40	5°12	16° 7	19°31	7° 5	29°10	20°34	21°29	20°58	n.a.	T 29
F 30	18 10 53	1♋43'49	4♍52	13♋59	5♌22	1♌17	5♌23	16♍10	19♒30	7♎ 5	29♈11	20♋35	21♋26	21♐ 5	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n14	19n 9	1n48	15n21	1s31	25n19	1n35	24n23	1n20	21n23	1n 2	8n18	2n35	15s46	0s45	1s 4	2n 0	1s17	13s19	22n 0	21n45	20s13		n.a.
F 2	21 24	15 50	2 54	16 1	1 19	25 20	1 36	24 19	1 20	21 21	1 2	8 17	2 34	15 46	0 46	1 3	2 0	1 17	13 19	21 59	21 46	20 15		n.a.
S 3	21 34	11 47	3 49	16 42	1 7	25 19	1 37	24 15	1 20	21 19	1 2	8 17	2 34	15 46	0 46	1 3	2 0	1 17	13 19	21 59	21 46	20 16		n.a.
S 4	21 44	7 18	4 30	17 22	0 55	25 18	1 38	24 11	1 19	21 16	1 2	8 16	2 34	15 46	0 46	1 3	2 0	1 17	13 19	22 0	21 47	20 17		n.a.
M 5	21 54	2 36	4 56	18 2	0 44	25 17	1 39	24 6	1 19	21 14	1 2	8 15	2 34	15 46	0 46	1 3	2 0	1 16	13 19	22 0	21 47	20 19		n.a.
T 6	22 3	2s 7	5 8	18 42	0 32	25 14	1 40	24 1	1 19	21 12	1 2	8 15	2 33	15 46	0 46	1 3	2 0	1 16	13 19	22 1	21 48	20 20		n.a.
W 7	22 12	6 41	5 6	19 22	0 20	25 11	1 41	23 56	1 19	21 10	1 2	8 14	2 33	15 46	0 46	1 2	2 0	1 16	13 20	22 2	21 48	20 21		n.a.
T 8	22 20	10 56	4 50	20 0	0 8	25 7	1 41	23 51	1 18	21 7	1 2	8 13	2 33	15 46	0 46	1 2	2 0	1 16	13 20	22 3	21 49	20 22		n.a.
F 9	22 28	14 42	4 21	20 37	0n 3	25 2	1 42	23 46	1 18	21 5	1 2	8 12	2 33	15 46	0 46	1 2	2 0	1 15	13 20	22 4	21 50	20 24		n.a.
S 10	22 36	17 52	3 41	21 13	0 14	24 57	1 42	23 41	1 18	21 2	1 2	8 11	2 32	15 47	0 46	1 2	2 0	1 15	13 20	22 5	21 50	20 25		n.a.
S 11	22 43	20 17	2 52	21 47	0 25	24 50	1 43	23 35	1 17	21 0	1 2	8 11	2 32	15 47	0 46	1 2	2 0	1 15	13 20	22 6	21 51	20 26		n.a.
M12	22 50	21 49	1 55	22 19	0 35	24 44	1 43	23 29	1 17	20 58	1 2	8 10	2 32	15 47	0 46	1 2	2 0	1 15	13 20	22 6	21 51	20 28		n.a.
T 13	22 56	22 24	0 53	22 50	0 45	24 36	1 44	23 23	1 17	20 55	1 2	8 9	2 32	15 47	0 46	1 2	2 0	1 15	13 20	22 7	21 52	20 29		n.a.
W14	23 2	21 58	0s12	23 18	0 54	24 28	1 44	23 17	1 17	20 53	1 2	8 8	2 31	15 48	0 46	1 2	2 0	1 14	13 21	22 7	21 52	20 30		n.a.
T 15	23 8	20 31	1 17	23 43	1 3	24 18	1 44	23 11	1 16	20 50	1 2	8 7	2 31	15 48	0 46	1 2	2 0	1 14	13 21	22 7	21 53	20 31		n.a.
F 16	23 13	18 8	2 19	24 6	1 10	24 9	1 44	23 4	1 16	20 47	1 1	8 6	2 31	15 48	0 46	1 2	1 59	1 14	13 21	22 6	21 53	20 33		n.a.
S 17	23 18	14 53	3 16	24 27	1 18	23 58	1 44	22 58	1 16	20 45	1 1	8 5	2 31	15 48	0 46	1 1	1 59	1 14	13 21	22 6	21 54	20 34		n.a.
S 18	23 22	10 54	4 5	24 44	1 24	23 47	1 44	22 51	1 15	20 42	1 1	8 3	2 30	15 49	0 46	1 1	1 59	1 14	13 21	22 6	21 54	20 35		n.a.
M19	23 26	6 18	4 43	24 59	1 30	23 35	1 44	22 44	1 15	20 39	1 1	8 2	2 30	15 49	0 46	1 1	1 59	1 14	13 22	22 6	21 55	20 36		n.a.
T 20	23 30	1 17	5 7	25 11	1 35	23 23	1 44	22 37	1 15	20 37	1 1	8 1	2 30	15 49	0 46	1 1	1 59	1 13	13 22	22 6	21 55	20 38		n.a.
W21	23 33	3n58	5 14	25 20	1 39	23 10	1 43	22 30	1 15	20 34	1 1	8 0	2 30	15 50	0 46	1 1	1 59	1 13	13 22	22 7	21 56	20 39		n.a.
T 22	23 36	9 11	5 2	25 26	1 43	22 56	1 43	22 22	1 14	20 31	1 1	7 59	2 30	15 50	0 46	1 1	1 59	1 13	13 22	22 7	21 56	20 40		n.a.
F 23	23 38	14 0	4 30	25 30	1 46	22 42	1 42	22 15	1 14	20 29	1 1	7 57	2 29	15 50	0 46	1 2	1 59	1 13	13 22	22 8	21 57	20 41		n.a.
S 24	23 40	18 4	3 39	25 31	1 48	22 26	1 42	22 7	1 14	20 26	1 1	7 56	2 29	15 51	0 46	1 2	1 59	1 13	13 23	22 8	21 57	20 43		n.a.
S 25	23 42	20 56	2 32	25 29	1 49	22 11	1 41	21 59	1 13	20 23	1 1	7 55	2 29	15 51	0 46	1 2	1 59	1 13	13 23	22 8	21 58	20 44		n.a.
M26	23 43	22 19	1 15	25 25	1 50	21 54	1 40	21 51	1 13	20 20	1 1	7 53	2 29	15 52	0 46	1 2	1 59	1 13	13 23	22 9	21 58	20 45		n.a.
T 27	23 44	22 3	0n 8	25 19	1 50	21 38	1 40	21 43	1 13	20 17	1 1	7 52	2 28	15 52	0 46	1 2	1 59	1 13	13 23	22 9	21 59	20 46		n.a.
W28	23 44	20 16	1 28	25 10	1 50	21 20	1 39	21 34	1 12	20 14	1 1	7 50	2 28	15 52	0 46	1 2	1 59	1 13	13 23	22 9	21 59	20 48		n.a.
T 29	23 44	17 13	2 40	24 59	1 49	21 2	1 38	21 26	1 12	20 11	1 1	7 49	2 28	15 53	0 46	1 2	1 59	1 13	13 24	22 8	22 0	20 49		n.a.
F 30	23n43	13n16	3n41	24n46	1n47	20n43	1n37	21n17	1n12	20n 8	1n 1	7n47	2n28	15s53	0s47	1s 2	1n59	1s13	13s24	22n 8	22n 0	20s50		n.a.

Julian Day Number = 1595197.5, Delta T = 04h02m39s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'37, Lahiri = - 8°43'37 Julian Calendar 1 June 346 BCE == Greg. Calendar 27 May 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

JULY 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 14 49	2♋41'12	18♍20	15♋50	6♌34	1♌55	5♌35	16♍14	19°R29	7♎ 6	29♈12	20♋36	21♋22	21♐11	n.a.	S 1
S 2	18 18 46	3°38'35	1♎24	17°40	7°45	2°33	5°47	16°17	19♒27	7° 6	29°13	20°R36	21°19	21°18	n.a.	S 2
M 3	18 22 42	4°35'59	14° 6	19°28	8°57	3°11	5°59	16°21	19°26	7° 6	29°13	20°36	21°16	21°25	n.a.	M 3
T 4	18 26 39	5°33'24	26°31	21°14	10° 8	3°49	6°11	16°25	19°24	7° 6	29°14	20°35	21°13	21°31	n.a.	T 4
W 5	18 30 35	6°30'49	8♏41	22°59	11°19	4°26	6°23	16°28	19°23	7° 7	29°15	20°34	21°10	21°38	n.a.	W 5
T 6	18 34 32	7°28'16	20°42	24°43	12°31	5° 4	6°35	16°32	19°21	7° 7	29°15	20°32	21° 7	21°45	n.a.	T 6
F 7	18 38 29	8°25'44	2♐35	26°24	13°42	5°42	6°47	16°36	19°20	7° 7	29°16	20°30	21° 3	21°51	n.a.	F 7
S 8	18 42 25	9°23'12	14°25	28° 4	14°53	6°20	7° 0	16°40	19°18	7° 8	29°16	20°28	21° 0	21°58	n.a.	S 8
S 9	18 46 22	10°20'42	26°14	29°43	16° 5	6°58	7°12	16°44	19°16	7° 8	29°17	20°27	20°57	22° 5	n.a.	S 9
M10	18 50 18	11°18'13	8♑ 5	1♌20	17°16	7°36	7°24	16°49	19°15	7° 9	29°17	20°26	20°54	22°11	n.a.	M10
T 11	18 54 15	12°15'46	19°59	2°55	18°27	8°14	7°36	16°53	19°13	7° 9	29°18	20°D26	20°51	22°18	n.a.	T 11
W12	18 58 11	13°13'19	1♒59	4°29	19°38	8°52	7°49	16°57	19°11	7°10	29°18	20°26	20°48	22°25	n.a.	W12
T 13	19 2 8	14°10'55	14° 7	6° 1	20°49	9°31	8° 1	17° 2	19° 9	7°10	29°19	20°27	20°44	22°31	n.a.	T 13
F 14	19 6 4	15° 8'31	26°25	7°32	22° 0	10° 9	8°14	17° 6	19° 7	7°11	29°19	20°27	20°41	22°38	n.a.	F 14
S 15	19 10 1	16° 6'09	8♓55	9° 1	23°11	10°47	8°26	17°11	19° 5	7°12	29°20	20°28	20°38	22°45	n.a.	S 15
S 16	19 13 58	17° 3'49	21°41	10°28	24°22	11°25	8°39	17°15	19° 4	7°12	29°20	20°28	20°35	22°51	n.a.	S 16
M17	19 17 54	18° 1'30	4♈45	11°54	25°32	12° 4	8°51	17°20	19° 2	7°13	29°21	20°28	20°32	22°58	n.a.	M17
T 18	19 21 51	18°59'13	18° 9	13°19	26°43	12°42	9° 4	17°25	19° 0	7°14	29°21	20°R29	20°28	23° 5	n.a.	T 18
W19	19 25 47	19°56'58	1♉55	14°41	27°54	13°20	9°16	17°30	18°58	7°15	29°21	20°D29	20°25	23°11	n.a.	W19
T 20	19 29 44	20°54'45	16° 2	16° 2	29° 4	13°59	9°29	17°34	18°56	7°15	29°22	20°29	20°22	23°18	n.a.	T 20
F 21	19 33 40	21°52'34	0♊30	17°21	0♍15	14°37	9°42	17°39	18°54	7°16	29°22	20°29	20°19	23°25	n.a.	F 21
S 22	19 37 37	22°50'25	15°15	18°39	1°25	15°16	9°54	17°44	18°52	7°17	29°22	20°29	20°16	23°31	n.a.	S 22
S 23	19 41 33	23°48'17	0♋12	19°54	2°36	15°54	10° 7	17°50	18°49	7°18	29°23	20°29	20°13	23°38	n.a.	S 23
M24	19 45 30	24°46'11	15°12	21° 8	3°46	16°33	10°20	17°55	18°47	7°19	29°23	20°R29	20° 9	23°44	n.a.	M24
T 25	19 49 27	25°44'07	0♌ 8	22°20	4°56	17°12	10°33	18° 0	18°45	7°20	29°23	20°29	20° 6	23°51	n.a.	T 25
W26	19 53 23	26°42'05	14°52	23°29	6° 7	17°50	10°46	18° 5	18°43	7°21	29°23	20°29	20° 3	23°58	n.a.	W26
T 27	19 57 20	27°40'04	29°16	24°37	7°17	18°29	10°58	18°11	18°41	7°22	29°23	20°28	20° 0	24° 4	n.a.	T 27
F 28	20 1 16	28°38'04	13♍17	25°42	8°27	19° 8	11°11	18°16	18°39	7°23	29°24	20°27	19°57	24°11	n.a.	F 28
S 29	20 5 13	29°36'06	26°52	26°45	9°37	19°46	11°24	18°21	18°36	7°24	29°24	20°26	19°54	24°18	n.a.	S 29
S 30	20 9 9	0♌34'10	10♎ 1	27°45	10°47	20°25	11°37	18°27	18°34	7°25	29°24	20°25	19°50	24°24	n.a.	S 30
M31	20 13 6	1♌32'14	22♎47	28♌43	11♍57	21♌ 4	11♌50	18♍33	18♒32	7♎26	29♈24	20♋25	19♋47	24♐31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n43	8n46	4n28	24n31	1n45	20n24	1n36	21n 8	1n12	20n 6	1n 1	7n46	2n28	15s54	0s47	1s 2	1n59	1s13	13s24	22n 8	22n 1	20s51		n.a.
S 2	23 41	4 0	4 59	24 15	1 43	20 4	1 34	20 59	1 11	20 3	1 1	7 44	2 27	15 54	0 47	1 2	1 58	1 13	13 24	22 8	22 1	20 52		n.a.
M 3	23 39	0s48	5 14	23 57	1 39	19 44	1 33	20 50	1 11	19 59	1 1	7 42	2 27	15 55	0 47	1 3	1 58	1 13	13 24	22 8	22 2	20 54		n.a.
T 4	23 37	5 28	5 15	23 37	1 36	19 23	1 32	20 41	1 11	19 56	1 1	7 41	2 27	15 55	0 47	1 3	1 58	1 13	13 25	22 8	22 2	20 55		n.a.
W 5	23 34	9 50	5 1	23 15	1 32	19 2	1 30	20 31	1 10	19 53	1 1	7 39	2 27	15 56	0 47	1 3	1 58	1 13	13 25	22 8	22 3	20 56		n.a.
T 6	23 31	13 45	4 34	22 53	1 27	18 40	1 28	20 22	1 10	19 50	1 1	7 37	2 27	15 56	0 47	1 3	1 58	1 13	13 25	22 9	22 3	20 57		n.a.
F 7	23 28	17 6	3 55	22 29	1 22	18 18	1 27	20 12	1 10	19 47	1 1	7 36	2 26	15 57	0 47	1 3	1 58	1 13	13 25	22 9	22 4	20 58		n.a.
S 8	23 24	19 43	3 7	22 3	1 17	17 55	1 25	20 2	1 9	19 44	1 1	7 34	2 26	15 57	0 47	1 4	1 58	1 13	13 26	22 9	22 4	20 59		n.a.
S 9	23 20	21 31	2 10	21 37	1 11	17 32	1 23	19 52	1 9	19 41	1 1	7 32	2 26	15 58	0 47	1 4	1 58	1 13	13 26	22 9	22 5	21 1		n.a.
M10	23 15	22 21	1 8	21 10	1 5	17 8	1 21	19 42	1 9	19 38	1 1	7 30	2 26	15 59	0 47	1 4	1 58	1 13	13 26	22 10	22 5	21 2		n.a.
T 11	23 10	22 11	0 3	20 42	0 58	16 44	1 19	19 32	1 8	19 34	1 1	7 28	2 26	15 59	0 47	1 4	1 58	1 13	13 26	22 10	22 6	21 3		n.a.
W12	23 4	21 0	1s 4	20 13	0 52	16 20	1 17	19 21	1 8	19 31	1 1	7 26	2 25	16 0	0 47	1 5	1 58	1 13	13 26	22 10	22 6	21 4		n.a.
T 13	22 58	18 50	2 8	19 43	0 45	15 55	1 15	19 11	1 8	19 28	1 1	7 24	2 25	16 0	0 47	1 5	1 58	1 13	13 27	22 9	22 7	21 5		n.a.
F 14	22 52	15 47	3 7	19 13	0 37	15 30	1 13	19 0	1 7	19 25	1 1	7 23	2 25	16 1	0 47	1 5	1 58	1 13	13 27	22 9	22 7	21 6		n.a.
S 15	22 45	11 59	3 58	18 42	0 30	15 4	1 10	18 49	1 7	19 21	1 1	7 21	2 25	16 2	0 47	1 6	1 58	1 13	13 27	22 9	22 8	21 8		n.a.
S 16	22 38	7 35	4 39	18 11	0 22	14 38	1 8	18 38	1 7	19 18	1 1	7 19	2 25	16 2	0 47	1 6	1 58	1 13	13 27	22 9	22 8	21 9		n.a.
M17	22 30	2 45	5 6	17 39	0 14	14 12	1 6	18 27	1 6	19 15	1 1	7 17	2 24	16 3	0 47	1 6	1 58	1 13	13 28	22 9	22 9	21 10		n.a.
T 18	22 22	2n19	5 17	17 7	0 5	13 45	1 3	18 16	1 6	19 11	1 1	7 14	2 24	16 3	0 47	1 7	1 57	1 13	13 28	22 9	22 9	21 11		n.a.
W19	22 14	7 25	5 11	16 34	0s 3	13 18	1 0	18 4	1 6	19 8	1 1	7 12	2 24	16 4	0 47	1 7	1 57	1 13	13 28	22 9	22 10	21 12		n.a.
T 20	22 5	12 16	4 47	16 2	0 12	12 50	0 58	17 53	1 5	19 5	1 1	7 10	2 24	16 5	0 47	1 7	1 57	1 13	13 28	22 9	22 10	21 13		n.a.
F 21	21 56	16 32	4 4	15 29	0 21	12 23	0 55	17 41	1 5	19 1	1 1	7 8	2 24	16 5	0 47	1 8	1 57	1 14	13 29	22 9	22 11	21 14		n.a.
S 22	21 46	19 52	3 4	14 57	0 30	11 55	0 52	17 29	1 4	18 58	1 1	7 6	2 24	16 6	0 47	1 8	1 57	1 14	13 29	22 9	22 11	21 15		n.a.
S 23	21 37	21 54	1 50	14 24	0 40	11 26	0 49	17 17	1 4	18 54	1 1	7 4	2 23	16 7	0 47	1 9	1 57	1 14	13 29	22 9	22 12	21 17		n.a.
M24	21 26	22 22	0 29	13 51	0 49	10 58	0 46	17 5	1 4	18 51	1 1	7 2	2 23	16 7	0 47	1 9	1 57	1 14	13 29	22 9	22 12	21 18		n.a.
T 25	21 16	21 14	0n53	13 19	0 59	10 29	0 43	16 53	1 3	18 47	1 1	6 59	2 23	16 8	0 47	1 9	1 57	1 14	13 30	22 9	22 13	21 19		n.a.
W26	21 5	18 40	2 11	12 47	1 8	10 0	0 40	16 40	1 3	18 44	1 1	6 57	2 23	16 9	0 47	1 10	1 57	1 14	13 30	22 9	22 13	21 20		n.a.
T 27	20 53	14 58	3 19	12 15	1 18	9 30	0 36	16 28	1 3	18 40	1 1	6 55	2 23	16 10	0 47	1 10	1 57	1 14	13 30	22 9	22 14	21 21		n.a.
F 28	20 41	10 32	4 13	11 44	1 28	9 1	0 33	16 15	1 2	18 37	1 1	6 53	2 23	16 10	0 47	1 11	1 57	1 15	13 30	22 9	22 14	21 22		n.a.
S 29	20 29	5 42	4 51	11 13	1 38	8 31	0 30	16 3	1 2	18 33	1 1	6 50	2 22	16 11	0 47	1 11	1 57	1 15	13 31	22 10	22 14	21 23		n.a.
S 30	20 17	0 45	5 12	10 43	1 48	8 1	0 26	15 50	1 2	18 29	1 1	6 48	2 22	16 12	0 47	1 12	1 57	1 15	13 31	22 10	22 15	21 24		n.a.
M31	20n 4	4s 4	5n17	10n14	1s57	7n31	0n23	15n37	1n 1	18n26	1n 1	6n46	2n22	16s12	0s47	1s12	1n57	1s15	13s31	22n10	22n15	21s25		n.a.

Julian Day Number = 1595227.5, Delta T = 04h02m38s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'33, Lahiri = - 8°43'33 Julian Calendar 1 July 346 BCE == Greg. Calendar 26 June 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

AUGUST 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 17 2	2♌30'21	5♏12	29♌38	13♍ 7	21♌43	12♌ 3	18♍38	18°R30	7♎28	29♈24	20°D25	19♋44	24♐38	n.a.	T 1
W 2	20 20 59	3°28'29	17°21	0♍30	14°16	22°22	12°16	18°44	18♒27	7°29	29°24	20♋25	19°41	24°44	n.a.	W 2
T 3	20 24 56	4°26'39	29°20	1°19	15°26	23° 1	12°29	18°50	18°25	7°30	29°24	20°26	19°38	24°51	n.a.	T 3
F 4	20 28 52	5°24'50	11♐11	2° 5	16°35	23°40	12°42	18°56	18°23	7°31	29°24	20°27	19°34	24°58	n.a.	F 4
S 5	20 32 49	6°23'03	23° 0	2°47	17°45	24°19	12°55	19° 1	18°20	7°32	29°R24	20°29	19°31	25° 4	n.a.	S 5
S 6	20 36 45	7°21'18	4♑50	3°25	18°54	24°58	13° 8	19° 7	18°18	7°34	29°24	20°30	19°28	25°11	n.a.	S 6
M 7	20 40 42	8°19'34	16°44	3°59	20° 4	25°37	13°21	19°13	18°16	7°35	29°24	20°R30	19°25	25°18	n.a.	M 7
T 8	20 44 38	9°17'52	28°46	4°29	21°13	26°16	13°34	19°19	18°13	7°36	29°24	20°30	19°22	25°24	n.a.	T 8
W 9	20 48 35	10°16'13	10♒58	4°54	22°22	26°56	13°47	19°25	18°11	7°38	29°24	20°29	19°19	25°31	n.a.	W 9
T 10	20 52 31	11°14'35	23°20	5°14	23°31	27°35	14° 0	19°31	18° 9	7°39	29°24	20°27	19°15	25°38	n.a.	T 10
F 11	20 56 28	12°12'59	5♓55	5°29	24°40	28°14	14°13	19°38	18° 6	7°41	29°24	20°24	19°12	25°44	n.a.	F 11
S 12	21 0 24	13°11'25	18°43	5°38	25°48	28°54	14°26	19°44	18° 4	7°42	29°24	20°21	19° 9	25°51	n.a.	S 12
S 13	21 4 21	14° 9'53	1♈45	5°R42	26°57	29°33	14°39	19°50	18° 1	7°44	29°23	20°17	19° 6	25°58	n.a.	S 13
M14	21 8 18	15° 8'23	15° 0	5°39	28° 6	0♍12	14°52	19°56	17°59	7°45	29°23	20°14	19° 3	26° 4	n.a.	M14
T 15	21 12 14	16° 6'56	28°30	5°29	29°14	0°52	15° 5	20° 3	17°57	7°47	29°23	20°12	19° 0	26°11	n.a.	T 15
W16	21 16 11	17° 5'31	12♉15	5°13	0♎23	1°31	15°18	20° 9	17°54	7°48	29°23	20°D11	18°56	26°18	n.a.	W16
T 17	21 20 7	18° 4'08	26°13	4°50	1°31	2°11	15°31	20°15	17°52	7°50	29°23	20°11	18°53	26°24	n.a.	T 17
F 18	21 24 4	19° 2'48	10♊26	4°20	2°39	2°50	15°44	20°22	17°49	7°51	29°22	20°12	18°50	26°31	n.a.	F 18
S 19	21 28 0	20° 1'31	24°50	3°43	3°47	3°30	15°57	20°28	17°47	7°53	29°22	20°13	18°47	26°38	n.a.	S 19
S 20	21 31 57	21° 0'15	9♋23	2°59	4°55	4°10	16°10	20°35	17°44	7°55	29°22	20°15	18°44	26°44	n.a.	S 20
M21	21 35 53	21°59'02	24° 1	2°10	6° 3	4°50	16°23	20°41	17°42	7°56	29°21	20°R15	18°40	26°51	n.a.	M21
T 22	21 39 50	22°57'51	8♌37	1°14	7°10	5°29	16°36	20°48	17°40	7°58	29°21	20°14	18°37	26°58	n.a.	T 22
W23	21 43 47	23°56'43	23° 7	0°14	8°18	6° 9	16°49	20°55	17°37	8° 0	29°21	20°11	18°34	27° 4	n.a.	W23
T 24	21 47 43	24°55'36	7♍23	29♌11	9°25	6°49	17° 2	21° 1	17°35	8° 2	29°20	20° 6	18°31	27°11	n.a.	T 24
F 25	21 51 40	25°54'31	21°20	28° 5	10°33	7°29	17°15	21° 8	17°32	8° 3	29°20	20° 1	18°28	27°18	n.a.	F 25
S 26	21 55 36	26°53'28	4♎55	26°59	11°40	8° 9	17°28	21°15	17°30	8° 5	29°19	19°55	18°25	27°24	n.a.	S 26
S 27	21 59 33	27°52'28	18° 6	25°53	12°47	8°49	17°41	21°22	17°28	8° 7	29°19	19°49	18°21	27°31	n.a.	S 27
M28	22 3 29	28°51'29	0♏54	24°50	13°54	9°29	17°54	21°28	17°25	8° 9	29°19	19°45	18°18	27°38	n.a.	M28
T 29	22 7 26	29°50'32	13°21	23°52	15° 0	10° 9	18° 7	21°35	17°23	8°11	29°18	19°41	18°15	27°44	n.a.	T 29
W30	22 11 22	0♍49'37	25°32	22°59	16° 7	10°49	18°20	21°42	17°21	8°12	29°18	19°D40	18°12	27°51	n.a.	W30
T 31	22 15 19	1♍48'44	7♐30	22♌14	17♎13	11♍29	18♌33	21♍49	17♒18	8♎14	29♈17	19♋40	18♋ 9	27♐57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	19n51	8s36	5n 7	9n45	2s 7	7n 1	0n19	15n24	1n 1	18n22	1n 1	6n43	2n22	16s13	0s47	1s13	1n57	1s15	13s31	22n10	22n16	21s26			n.a.
W 2	19 37	12 42	4 43	9 18	2 17	6 30	0 16	15 11	1 0	18 18	1 1	6 41	2 22	16 14	0 47	1 13	1 57	1 16	13 32	22 10	22 16	21 27			n.a.
T 3	19 23	16 14	4 7	8 51	2 27	6 0	0 12	14 57	1 0	18 15	1 1	6 38	2 22	16 15	0 47	1 14	1 57	1 16	13 32	22 10	22 17	21 29			n.a.
F 4	19 9	19 5	3 21	8 26	2 37	5 29	0 8	14 44	1 0	18 11	1 1	6 36	2 22	16 15	0 47	1 14	1 56	1 16	13 32	22 9	22 17	21 30			n.a.
S 5	18 55	21 7	2 27	8 2	2 46	4 58	0 4	14 31	0 59	18 7	1 1	6 34	2 21	16 16	0 47	1 15	1 56	1 16	13 32	22 9	22 18	21 31			n.a.
S 6	18 40	22 13	1 26	7 39	2 55	4 27	0 0	14 17	0 59	18 4	1 1	6 31	2 21	16 17	0 47	1 16	1 56	1 17	13 33	22 9	22 18	21 32			n.a.
M 7	18 24	22 20	0 21	7 19	3 4	3 56	0s 3	14 3	0 58	18 0	1 1	6 29	2 21	16 18	0 47	1 16	1 56	1 17	13 33	22 9	22 19	21 33			n.a.
T 8	18 9	21 24	0s46	7 0	3 13	3 25	0 7	13 49	0 58	17 56	1 1	6 26	2 21	16 18	0 47	1 17	1 56	1 17	13 33	22 9	22 19	21 34			n.a.
W 9	17 53	19 28	1 51	6 43	3 21	2 53	0 11	13 35	0 58	17 52	1 1	6 24	2 21	16 19	0 47	1 17	1 56	1 17	13 33	22 9	22 20	21 35			n.a.
T 10	17 37	16 36	2 51	6 28	3 29	2 22	0 16	13 21	0 57	17 49	1 1	6 21	2 21	16 20	0 47	1 18	1 56	1 18	13 34	22 9	22 20	21 36			n.a.
F 11	17 21	12 56	3 45	6 16	3 37	1 51	0 20	13 7	0 57	17 45	1 1	6 18	2 21	16 21	0 47	1 19	1 56	1 18	13 34	22 10	22 20	21 37			n.a.
S 12	17 4	8 37	4 28	6 6	3 43	1 19	0 24	12 53	0 56	17 41	1 2	6 16	2 21	16 21	0 47	1 19	1 56	1 18	13 34	22 10	22 21	21 38			n.a.
S 13	16 47	3 51	4 58	5 59	3 50	0 48	0 28	12 39	0 56	17 37	1 2	6 13	2 20	16 22	0 47	1 20	1 56	1 18	13 34	22 11	22 21	21 39			n.a.
M14	16 30	1n11	5 13	5 55	3 55	0 16	0 32	12 24	0 56	17 33	1 2	6 11	2 20	16 23	0 47	1 20	1 56	1 19	13 35	22 11	22 22	21 40			n.a.
T 15	16 12	6 14	5 11	5 55	3 59	0s15	0 37	12 10	0 55	17 30	1 2	6 8	2 20	16 24	0 47	1 21	1 56	1 19	13 35	22 12	22 22	21 41			n.a.
W16	15 54	11 5	4 51	5 58	4 2	0 47	0 41	11 55	0 55	17 26	1 2	6 5	2 20	16 24	0 47	1 22	1 56	1 19	13 35	22 12	22 23	21 42			n.a.
T 17	15 36	15 26	4 14	6 5	4 4	1 18	0 45	11 40	0 54	17 22	1 2	6 3	2 20	16 25	0 47	1 22	1 56	1 20	13 35	22 12	22 23	21 43			n.a.
F 18	15 18	18 58	3 21	6 15	4 4	1 49	0 50	11 25	0 54	17 18	1 2	6 0	2 20	16 26	0 47	1 23	1 56	1 20	13 36	22 12	22 24	21 44			n.a.
S 19	14 59	21 23	2 15	6 30	4 3	2 21	0 54	11 11	0 54	17 14	1 2	5 57	2 20	16 27	0 47	1 24	1 56	1 20	13 36	22 12	22 24	21 45			n.a.
S 20	14 40	22 25	0 59	6 48	4 0	2 52	0 59	10 56	0 53	17 10	1 2	5 55	2 20	16 27	0 47	1 25	1 56	1 21	13 36	22 11	22 25	21 46			n.a.
M21	14 21	21 55	0n21	7 11	3 55	3 24	1 3	10 40	0 53	17 6	1 2	5 52	2 20	16 28	0 47	1 25	1 56	1 21	13 36	22 11	22 25	21 47			n.a.
T 22	14 2	19 55	1 39	7 37	3 48	3 55	1 8	10 25	0 52	17 2	1 2	5 49	2 20	16 29	0 47	1 26	1 56	1 21	13 37	22 11	22 25	21 48			n.a.
W23	13 42	16 39	2 50	8 6	3 40	4 26	1 12	10 10	0 52	16 58	1 2	5 47	2 19	16 30	0 47	1 27	1 56	1 22	13 37	22 12	22 26	21 49			n.a.
T 24	13 22	12 27	3 49	8 39	3 29	4 57	1 17	9 55	0 51	16 55	1 2	5 44	2 19	16 30	0 47	1 27	1 55	1 22	13 37	22 13	22 26	21 50			n.a.
F 25	13 2	7 39	4 33	9 13	3 16	5 28	1 21	9 39	0 51	16 51	1 2	5 41	2 19	16 31	0 47	1 28	1 55	1 22	13 37	22 13	22 27	21 51			n.a.
S 26	12 42	2 37	5 0	9 50	3 2	5 59	1 26	9 24	0 50	16 47	1 2	5 38	2 19	16 32	0 47	1 29	1 55	1 23	13 38	22 14	22 27	21 52			n.a.
S 27	12 22	2s24	5 11	10 27	2 45	6 30	1 30	9 8	0 50	16 43	1 2	5 36	2 19	16 33	0 47	1 30	1 55	1 23	13 38	22 15	22 28	21 53			n.a.
M28	12 1	7 10	5 5	11 5	2 28	7 0	1 35	8 52	0 50	16 39	1 3	5 33	2 19	16 33	0 47	1 30	1 55	1 23	13 38	22 16	22 28	21 54			n.a.
T 29	11 40	11 31	4 45	11 42	2 9	7 31	1 40	8 37	0 49	16 35	1 3	5 30	2 19	16 34	0 47	1 31	1 55	1 24	13 38	22 16	22 29	21 55			n.a.
W30	11 19	15 18	4 12	12 18	1 50	8 1	1 44	8 21	0 49	16 31	1 3	5 27	2 19	16 35	0 47	1 32	1 55	1 24	13 38	22 17	22 29	21 56			n.a.
T 31	10n58	18s24	3n29	12n51	1s30	8s31	1s49	8n 5	0n48	16n27	1n 3	5n24	2n19	16s35	0s47	1s33	1n55	1s25	13s39	22n17	22n29	21s56			n.a.

Julian Day Number = 1595258.5, Delta T = 04h02m37s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'29, Lahiri = - 8°43'28 Julian Calendar 1 Aug. 346 BCE == Greg. Calendar 27 July 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

SEPTEMBER 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 19 15	2♍47'52	19♐21	21°R38	18♎19	12♍10	18♌46	21♍56	17°R16	8♎16	29°R16	19♋41	18♋ 5	28♐ 4	n.a.	F 1
S 2	22 23 12	3°47'03	1♑ 9	21♌11	19°25	12°50	18°59	22° 3	17♒14	8°18	29♈16	19°43	18° 2	28°11	n.a.	S 2
S 3	22 27 9	4°46'16	13° 1	20°54	20°31	13°30	19°11	22°10	17°12	8°20	29°15	19°44	17°59	28°17	n.a.	S 3
M 4	22 31 5	5°45'30	24°59	20°D47	21°37	14°11	19°24	22°17	17° 9	8°22	29°15	19°R44	17°56	28°24	n.a.	M 4
T 5	22 35 2	6°44'47	7♒ 9	20°52	22°42	14°51	19°37	22°24	17° 7	8°24	29°14	19°42	17°53	28°31	n.a.	T 5
W 6	22 38 58	7°44'05	19°33	21° 6	23°48	15°31	19°50	22°31	17° 5	8°26	29°13	19°38	17°50	28°37	n.a.	W 6
T 7	22 42 55	8°43'26	2♓12	21°31	24°53	16°12	20° 2	22°38	17° 3	8°28	29°13	19°32	17°46	28°44	n.a.	T 7
F 8	22 46 51	9°42'49	15° 8	22° 5	25°58	16°52	20°15	22°45	17° 0	8°30	29°12	19°24	17°43	28°51	n.a.	F 8
S 9	22 50 48	10°42'13	28°19	22°49	27° 2	17°33	20°28	22°52	16°58	8°32	29°11	19°16	17°40	28°57	n.a.	S 9
S 10	22 54 44	11°41'40	11♈44	23°41	28° 7	18°14	20°40	22°59	16°56	8°34	29°11	19° 6	17°37	29° 4	n.a.	S 10
M11	22 58 41	12°41'10	25°22	24°40	29°11	18°54	20°53	23° 6	16°54	8°36	29°10	18°58	17°34	29°11	n.a.	M11
T 12	23 2 38	13°40'41	9♉ 8	25°46	0♏15	19°35	21° 5	23°13	16°52	8°38	29° 9	18°52	17°31	29°17	n.a.	T 12
W13	23 6 34	14°40'15	23° 3	26°58	1°19	20°16	21°18	23°20	16°50	8°40	29° 8	18°47	17°27	29°24	n.a.	W13
T 14	23 10 31	15°39'52	7♊ 3	28°16	2°22	20°57	21°30	23°27	16°48	8°42	29° 8	18°45	17°24	29°31	n.a.	T 14
F 15	23 14 27	16°39'31	21° 8	29°38	3°25	21°37	21°43	23°34	16°46	8°45	29° 7	18°D45	17°21	29°37	n.a.	F 15
S 16	23 18 24	17°39'12	5♋17	1♍ 4	4°28	22°18	21°55	23°41	16°44	8°47	29° 6	18°46	17°18	29°44	n.a.	S 16
S 17	23 22 20	18°38'56	19°28	2°33	5°31	22°59	22° 8	23°49	16°42	8°49	29° 5	18°R46	17°15	29°51	n.a.	S 17
M18	23 26 17	19°38'42	3♌40	4° 5	6°33	23°40	22°20	23°56	16°40	8°51	29° 4	18°45	17°11	29°57	n.a.	M18
T 19	23 30 13	20°38'31	17°50	5°39	7°36	24°21	22°32	24° 3	16°38	8°53	29° 4	18°42	17° 8	0♑ 4	n.a.	T 19
W20	23 34 10	21°38'22	1♍55	7°15	8°37	25° 2	22°44	24°10	16°36	8°55	29° 3	18°36	17° 5	0°11	n.a.	W20
T 21	23 38 7	22°38'14	15°50	8°52	9°39	25°44	22°56	24°17	16°35	8°57	29° 2	18°27	17° 2	0°17	n.a.	T 21
F 22	23 42 3	23°38'09	29°32	10°30	10°40	26°25	23° 9	24°24	16°33	9° 0	29° 1	18°17	16°59	0°24	n.a.	F 22
S 23	23 46 0	24°38'06	12♎57	12°10	11°41	27° 6	23°21	24°32	16°31	9° 2	29° 0	18° 5	16°56	0°30	n.a.	S 23
S 24	23 49 56	25°38'05	26° 2	13°50	12°42	27°47	23°33	24°39	16°29	9° 4	28°59	17°54	16°52	0°37	n.a.	S 24
M25	23 53 53	26°38'06	8♏47	15°30	13°42	28°29	23°45	24°46	16°28	9° 6	28°58	17°43	16°49	0°44	n.a.	M25
T 26	23 57 49	27°38'08	21°14	17°11	14°41	29°10	23°57	24°53	16°26	9° 8	28°57	17°35	16°46	0°50	n.a.	T 26
W27	0 1 46	28°38'13	3♐24	18°52	15°41	29°51	24° 8	25° 0	16°24	9°11	28°56	17°30	16°43	0°57	n.a.	W27
T 28	0 5 42	29°38'19	15°21	20°32	16°40	0♎33	24°20	25° 7	16°23	9°13	28°55	17°27	16°40	1° 4	n.a.	T 28
F 29	0 9 39	0♎38'27	27°11	22°13	17°38	1°14	24°32	25°15	16°21	9°15	28°54	17°D26	16°37	1°10	n.a.	F 29
S 30	0 13 35	1♎38'36	8♑59	23♍53	18♏37	1♎56	24♌44	25♍22	16♒20	9♎17	28♈53	17♋26	16♋33	1♑17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n36	20s41	2n37	13n22	1s10	9s 1	1s54	7n49	0n48	16n23	1n 3	5n22	2n19	16s36	0s47	1s34	1n55	1s25	13s39	22n16	22n30	21s57		n.a.
S 2	10 15	22 5	1 39	13 50	0 50	9 31	1 58	7 33	0 47	16 19	1 3	5 19	2 19	16 37	0 47	1 34	1 55	1 25	13 39	22 16	22 30	21 58		n.a.
S 3	9 53	22 29	0 36	14 13	0 31	10 0	2 3	7 17	0 47	16 15	1 3	5 16	2 19	16 37	0 47	1 35	1 55	1 26	13 39	22 16	22 31	21 59		n.a.
M 4	9 31	21 52	0s28	14 33	0 12	10 30	2 7	7 1	0 46	16 11	1 3	5 13	2 19	16 38	0 47	1 36	1 55	1 26	13 39	22 16	22 31	22 0		n.a.
T 5	9 9	20 12	1 33	14 48	0n 5	10 59	2 12	6 45	0 46	16 7	1 3	5 10	2 19	16 39	0 47	1 37	1 55	1 27	13 40	22 16	22 32	22 1		n.a.
W 6	8 46	17 34	2 34	14 59	0 22	11 28	2 17	6 28	0 46	16 3	1 3	5 8	2 19	16 40	0 47	1 38	1 55	1 27	13 40	22 17	22 32	22 2		n.a.
T 7	8 24	14 3	3 29	15 6	0 37	11 56	2 21	6 12	0 45	15 59	1 3	5 5	2 19	16 40	0 47	1 38	1 55	1 27	13 40	22 18	22 32	22 3		n.a.
F 8	8 1	9 49	4 14	15 7	0 51	12 24	2 26	5 56	0 45	15 55	1 4	5 2	2 19	16 41	0 47	1 39	1 55	1 28	13 40	22 19	22 33	22 4		n.a.
S 9	7 39	5 2	4 46	15 5	1 4	12 52	2 30	5 39	0 44	15 51	1 4	4 59	2 19	16 41	0 47	1 40	1 55	1 28	13 40	22 20	22 33	22 5		n.a.
S 10	7 16	0n 3	5 4	14 58	1 15	13 20	2 35	5 23	0 44	15 47	1 4	4 56	2 19	16 42	0 47	1 41	1 55	1 29	13 41	22 21	22 34	22 6		n.a.
M11	6 53	5 13	5 4	14 47	1 25	13 48	2 39	5 6	0 43	15 43	1 4	4 53	2 18	16 43	0 47	1 42	1 55	1 29	13 41	22 23	22 34	22 6		n.a.
T 12	6 30	10 11	4 47	14 33	1 33	14 15	2 44	4 50	0 43	15 39	1 4	4 50	2 18	16 43	0 47	1 43	1 55	1 29	13 41	22 23	22 34	22 7		n.a.
W13	6 7	14 41	4 13	14 14	1 40	14 42	2 48	4 33	0 42	15 35	1 4	4 48	2 18	16 44	0 47	1 43	1 55	1 30	13 41	22 24	22 35	22 8		n.a.
T 14	5 43	18 24	3 24	13 53	1 46	15 8	2 52	4 16	0 42	15 31	1 4	4 45	2 18	16 45	0 47	1 44	1 55	1 30	13 41	22 24	22 35	22 9		n.a.
F 15	5 20	21 4	2 22	13 28	1 51	15 34	2 57	4 0	0 41	15 27	1 4	4 42	2 18	16 45	0 47	1 45	1 55	1 31	13 41	22 24	22 36	22 10		n.a.
S 16	4 56	22 26	1 12	13 1	1 55	16 0	3 1	3 43	0 41	15 23	1 5	4 39	2 18	16 46	0 47	1 46	1 55	1 31	13 42	22 24	22 36	22 11		n.a.
S 17	4 33	22 22	0n 4	12 31	1 57	16 26	3 5	3 26	0 40	15 19	1 5	4 36	2 18	16 46	0 47	1 47	1 55	1 32	13 42	22 24	22 37	22 12		n.a.
M18	4 9	20 51	1 19	11 59	1 59	16 51	3 9	3 9	0 40	15 16	1 5	4 33	2 18	16 47	0 47	1 48	1 55	1 32	13 42	22 24	22 37	22 12		n.a.
T 19	3 45	18 2	2 29	11 25	2 0	17 15	3 13	2 52	0 39	15 12	1 5	4 30	2 18	16 47	0 47	1 49	1 55	1 32	13 42	22 25	22 37	22 13		n.a.
W20	3 21	14 10	3 29	10 49	2 0	17 40	3 17	2 35	0 39	15 8	1 5	4 27	2 18	16 48	0 47	1 50	1 55	1 33	13 42	22 26	22 38	22 14		n.a.
T 21	2 57	9 34	4 16	10 11	1 59	18 3	3 21	2 18	0 38	15 4	1 5	4 25	2 18	16 49	0 47	1 50	1 55	1 33	13 42	22 27	22 38	22 15		n.a.
F 22	2 33	4 34	4 47	9 32	1 58	18 27	3 25	2 1	0 38	15 0	1 5	4 22	2 18	16 49	0 47	1 51	1 55	1 34	13 43	22 28	22 39	22 16		n.a.
S 23	2 9	0s33	5 2	8 52	1 56	18 50	3 29	1 44	0 37	14 56	1 5	4 19	2 18	16 50	0 47	1 52	1 55	1 34	13 43	22 30	22 39	22 17		n.a.
S 24	1 45	5 32	5 0	8 11	1 53	19 13	3 33	1 27	0 37	14 52	1 6	4 16	2 18	16 50	0 47	1 53	1 55	1 35	13 43	22 31	22 39	22 17		n.a.
M25	1 21	10 9	4 43	7 29	1 50	19 35	3 36	1 10	0 36	14 48	1 6	4 13	2 18	16 51	0 47	1 54	1 55	1 35	13 43	22 33	22 40	22 18		n.a.
T 26	0 57	14 14	4 13	6 46	1 47	19 56	3 40	0 53	0 36	14 44	1 6	4 10	2 19	16 51	0 47	1 55	1 55	1 35	13 43	22 34	22 40	22 19		n.a.
W27	0 33	17 38	3 32	6 2	1 43	20 18	3 43	0 36	0 35	14 40	1 6	4 7	2 19	16 52	0 47	1 56	1 55	1 36	13 43	22 35	22 41	22 20		n.a.
T 28	0 9	20 14	2 42	5 18	1 39	20 38	3 47	0 18	0 35	14 37	1 6	4 5	2 19	16 52	0 47	1 57	1 55	1 36	13 43	22 35	22 41	22 21		n.a.
F 29	0s15	21 57	1 46	4 34	1 34	20 59	3 50	0 1	0 34	14 33	1 6	4 2	2 19	16 52	0 47	1 58	1 55	1 37	13 43	22 35	22 41	22 22		n.a.
S 30	0s40	22s41	0n45	3n49	1n29	21s19	3s53	0s16	0n34	14n29	1n 6	3n59	2n19	16s53	0s47	1s58	1n55	1s37	13s44	22n35	22n42	22s22		n.a.

Julian Day Number = 1595289.5, Delta T = 04h02m36s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'25, Lahiri = - 8°43'24 Julian Calendar 1 Sept. 346 BCE == Greg. Calendar 27 Aug. 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

OCTOBER 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 17 32	2♎38'48	20♉51	25♍34	19♏34	2♎38	24♌55	25♍29	16°R18	9♎20	28°R52	17°R26	16♋30	1♉24	n.a.	S 1
M 2	0 21 29	3°39'00	2♒51	27°14	20°32	3°19	25° 7	25°36	16♒17	9°22	28♈51	17♋25	16°27	1°30	n.a.	M 2
T 3	0 25 25	4°39'15	15° 5	28°53	21°28	4° 1	25°18	25°43	16°16	9°24	28°50	17°22	16°24	1°37	n.a.	T 3
W 4	0 29 22	5°39'31	27°37	0♎32	22°24	4°43	25°30	25°50	16°14	9°26	28°49	17°16	16°21	1°44	n.a.	W 4
T 5	0 33 18	6°39'49	10♓29	2°11	23°20	5°24	25°41	25°57	16°13	9°29	28°48	17° 8	16°17	1°50	n.a.	T 5
F 6	0 37 15	7°40'08	23°42	3°50	24°15	6° 6	25°52	26° 4	16°12	9°31	28°47	16°57	16°14	1°57	n.a.	F 6
S 7	0 41 11	8°40'29	7♈16	5°28	25°10	6°48	26° 3	26°12	16°11	9°33	28°46	16°45	16°11	2° 4	n.a.	S 7
S 8	0 45 8	9°40'52	21° 8	7° 6	26° 4	7°30	26°14	26°19	16° 9	9°35	28°45	16°32	16° 8	2°10	n.a.	S 8
M 9	0 49 4	10°41'17	5♉13	8°43	26°57	8°12	26°25	26°26	16° 8	9°38	28°44	16°20	16° 5	2°17	n.a.	M 9
T 10	0 53 1	11°41'44	19°25	10°21	27°50	8°54	26°36	26°33	16° 7	9°40	28°43	16°11	16° 2	2°24	n.a.	T 10
W11	0 56 58	12°42'13	3♊41	11°57	28°42	9°36	26°47	26°40	16° 6	9°42	28°42	16° 4	15°58	2°30	n.a.	W11
T 12	1 0 54	13°42'43	17°57	13°34	29°33	10°18	26°58	26°47	16° 5	9°44	28°41	16° 0	15°55	2°37	n.a.	T 12
F 13	1 4 51	14°43'16	2♋ 8	15°10	0♐24	11° 1	27° 9	26°54	16° 4	9°47	28°40	15°58	15°52	2°43	n.a.	F 13
S 14	1 8 47	15°43'51	16°14	16°46	1°14	11°43	27°19	27° 1	16° 3	9°49	28°39	15°58	15°49	2°50	n.a.	S 14
S 15	1 12 44	16°44'28	0♌13	18°21	2° 3	12°25	27°30	27° 7	16° 3	9°51	28°38	15°58	15°46	2°57	n.a.	S 15
M16	1 16 40	17°45'06	14° 7	19°56	2°51	13° 7	27°40	27°14	16° 2	9°53	28°36	15°56	15°42	3° 3	n.a.	M16
T 17	1 20 37	18°45'46	27°53	21°31	3°38	13°50	27°51	27°21	16° 1	9°56	28°35	15°52	15°39	3°10	n.a.	T 17
W18	1 24 33	19°46'28	11♍32	23° 6	4°25	14°32	28° 1	27°28	16° 0	9°58	28°34	15°45	15°36	3°17	n.a.	W18
T 19	1 28 30	20°47'12	25° 2	24°40	5°11	15°15	28°11	27°35	16° 0	10° 0	28°33	15°35	15°33	3°23	n.a.	T 19
F 20	1 32 27	21°47'57	8♎20	26°14	5°55	15°57	28°21	27°42	15°59	10° 2	28°32	15°22	15°30	3°30	n.a.	F 20
S 21	1 36 23	22°48'44	21°25	27°48	6°39	16°40	28°31	27°48	15°59	10° 4	28°31	15° 9	15°27	3°37	n.a.	S 21
S 22	1 40 20	23°49'33	4♏16	29°22	7°22	17°22	28°41	27°55	15°58	10° 7	28°30	14°55	15°23	3°43	n.a.	S 22
M23	1 44 16	24°50'22	16°51	0♏56	8° 3	18° 5	28°51	28° 2	15°58	10° 9	28°29	14°43	15°20	3°50	n.a.	M23
T 24	1 48 13	25°51'13	29°11	2°29	8°44	18°48	29° 1	28° 8	15°57	10°11	28°27	14°32	15°17	3°57	n.a.	T 24
W25	1 52 9	26°52'06	11♐17	4° 3	9°23	19°30	29°10	28°15	15°57	10°13	28°26	14°25	15°14	4° 3	n.a.	W25
T 26	1 56 6	27°52'59	23°13	5°36	10° 1	20°13	29°20	28°22	15°57	10°15	28°25	14°21	15°11	4°10	n.a.	T 26
F 27	2 0 2	28°53'54	5♑ 1	7° 9	10°38	20°56	29°29	28°28	15°56	10°18	28°24	14°19	15° 8	4°17	n.a.	F 27
S 28	2 3 59	29°54'49	16°48	8°42	11°14	21°39	29°38	28°35	15°56	10°20	28°23	14°D18	15° 4	4°23	n.a.	S 28
S 29	2 7 56	0♏55'45	28°38	10°15	11°48	22°22	29°48	28°41	15°56	10°22	28°22	14°R19	15° 1	4°30	n.a.	S 29
M30	2 11 52	1°56'43	10♒36	11°47	12°20	23° 5	29°57	28°47	15°56	10°24	28°21	14°18	14°58	4°37	n.a.	M30
T 31	2 15 49	2♏57'41	22♒50	13♏20	12♐52	23♎48	0♍ 6	28♍54	15°D56	10♎26	28♈19	14♋16	14♋55	4♉43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	1s 4	22s24	0s18	3n 4	1n24	21s38	3s56	0s33	0n33	14n25	1n 7	3n56	2n19	16s53	0s47	1s59	1n55	1s38	13s44	22n35	22n42	22s23			n.a.
M 2	1 28	21 5	1 21	2 19	1 19	21 57	3 59	0 50	0 33	14 21	1 7	3 53	2 19	16 54	0 47	2 0	1 55	1 38	13 44	22 35	22 43	22 24			n.a.
T 3	1 52	18 45	2 21	1 34	1 13	22 15	4 2	1 8	0 32	14 18	1 7	3 50	2 19	16 54	0 47	2 1	1 55	1 39	13 44	22 36	22 43	22 25			n.a.
W 4	2 16	15 30	3 16	0 49	1 7	22 32	4 5	1 25	0 31	14 14	1 7	3 48	2 19	16 54	0 47	2 2	1 55	1 39	13 44	22 36	22 43	22 25			n.a.
T 5	2 41	11 27	4 2	0 3	1 1	22 50	4 8	1 42	0 31	14 10	1 7	3 45	2 19	16 55	0 47	2 3	1 55	1 39	13 44	22 37	22 44	22 26			n.a.
F 6	3 5	6 45	4 36	0s42	0 55	23 6	4 10	1 59	0 30	14 7	1 7	3 42	2 19	16 55	0 47	2 4	1 55	1 40	13 44	22 39	22 44	22 27			n.a.
S 7	3 29	1 36	4 56	1 27	0 49	23 22	4 12	2 17	0 30	14 3	1 8	3 39	2 19	16 55	0 47	2 5	1 55	1 40	13 44	22 40	22 45	22 28			n.a.
S 8	3 53	3n43	4 59	2 12	0 43	23 38	4 15	2 34	0 29	13 59	1 8	3 36	2 19	16 56	0 47	2 6	1 55	1 41	13 44	22 42	22 45	22 28			n.a.
M 9	4 17	8 57	4 45	2 57	0 36	23 53	4 17	2 51	0 29	13 56	1 8	3 34	2 19	16 56	0 47	2 6	1 55	1 41	13 44	22 43	22 45	22 29			n.a.
T 10	4 41	13 46	4 12	3 41	0 30	24 7	4 19	3 8	0 28	13 52	1 8	3 31	2 19	16 56	0 46	2 7	1 55	1 42	13 44	22 45	22 46	22 30			n.a.
W11	5 5	17 49	3 23	4 25	0 23	24 21	4 20	3 26	0 28	13 48	1 8	3 28	2 19	16 57	0 46	2 8	1 55	1 42	13 44	22 45	22 46	22 31			n.a.
T 12	5 29	20 49	2 22	5 9	0 17	24 34	4 22	3 43	0 27	13 45	1 8	3 25	2 19	16 57	0 46	2 9	1 55	1 42	13 44	22 46	22 46	22 31			n.a.
F 13	5 52	22 31	1 13	5 53	0 10	24 46	4 23	4 0	0 27	13 41	1 9	3 23	2 19	16 57	0 46	2 10	1 55	1 43	13 44	22 46	22 47	22 32			n.a.
S 14	6 16	22 46	0n 1	6 36	0 4	24 58	4 24	4 17	0 26	13 38	1 9	3 20	2 19	16 57	0 46	2 11	1 55	1 43	13 45	22 46	22 47	22 33			n.a.
S 15	6 39	21 34	1 15	7 19	0s 3	25 10	4 26	4 35	0 25	13 34	1 9	3 17	2 20	16 58	0 46	2 12	1 55	1 44	13 45	22 46	22 48	22 34			n.a.
M16	7 3	19 4	2 23	8 2	0 9	25 20	4 26	4 52	0 25	13 31	1 9	3 15	2 20	16 58	0 46	2 13	1 55	1 44	13 45	22 46	22 48	22 34			n.a.
T 17	7 26	15 31	3 22	8 44	0 16	25 30	4 27	5 9	0 24	13 27	1 9	3 12	2 20	16 58	0 46	2 14	1 55	1 44	13 45	22 47	22 48	22 35			n.a.
W18	7 50	11 9	4 9	9 26	0 22	25 40	4 27	5 26	0 24	13 24	1 10	3 9	2 20	16 58	0 46	2 14	1 55	1 45	13 45	22 48	22 49	22 36			n.a.
T 19	8 13	6 18	4 41	10 7	0 29	25 49	4 28	5 43	0 23	13 20	1 10	3 7	2 20	16 58	0 46	2 15	1 55	1 45	13 45	22 49	22 49	22 36			n.a.
F 20	8 36	1 13	4 58	10 48	0 35	25 57	4 28	6 0	0 23	13 17	1 10	3 4	2 20	16 59	0 46	2 16	1 55	1 46	13 45	22 50	22 49	22 37			n.a.
S 21	8 59	3s51	4 58	11 28	0 41	26 5	4 27	6 17	0 22	13 14	1 10	3 1	2 20	16 59	0 46	2 17	1 55	1 46	13 45	22 52	22 50	22 38			n.a.
S 22	9 21	8 39	4 44	12 8	0 48	26 12	4 27	6 34	0 21	13 10	1 10	2 59	2 20	16 59	0 46	2 18	1 55	1 46	13 45	22 53	22 50	22 38			n.a.
M23	9 44	13 0	4 15	12 47	0 54	26 18	4 26	6 51	0 21	13 7	1 11	2 56	2 20	16 59	0 46	2 19	1 55	1 47	13 45	22 55	22 51	22 39			n.a.
T 24	10 7	16 44	3 35	13 25	1 0	26 24	4 25	7 8	0 20	13 4	1 11	2 54	2 20	16 59	0 46	2 20	1 55	1 47	13 45	22 56	22 51	22 40			n.a.
W25	10 29	19 41	2 46	14 3	1 6	26 29	4 24	7 25	0 20	13 1	1 11	2 51	2 21	16 59	0 46	2 20	1 55	1 48	13 45	22 57	22 51	22 40			n.a.
T 26	10 51	21 44	1 50	14 40	1 12	26 33	4 22	7 42	0 19	12 58	1 11	2 48	2 21	16 59	0 46	2 21	1 55	1 48	13 45	22 57	22 52	22 41			n.a.
F 27	11 13	22 49	0 49	15 17	1 17	26 37	4 20	7 59	0 18	12 54	1 11	2 46	2 21	16 59	0 46	2 22	1 55	1 48	13 45	22 57	22 52	22 42			n.a.
S 28	11 35	22 53	0s13	15 53	1 23	26 40	4 18	8 16	0 18	12 51	1 12	2 43	2 21	16 59	0 46	2 23	1 55	1 49	13 44	22 57	22 52	22 42			n.a.
S 29	11 56	21 55	1 15	16 28	1 28	26 42	4 16	8 33	0 17	12 48	1 12	2 41	2 21	16 59	0 46	2 24	1 55	1 49	13 44	22 57	22 53	22 43			n.a.
M30	12 18	19 57	2 15	17 2	1 33	26 44	4 13	8 49	0 17	12 45	1 12	2 38	2 21	16 59	0 46	2 25	1 55	1 49	13 44	22 57	22 53	22 44			n.a.
T 31	12s39	17s 4	3s10	17s36	1s38	26s45	4s10	9s 6	0n16	12n42	1n12	2n36	2n21	16s59	0s46	2s25	1n55	1s50	13s44	22n58	22n53	22s44			n.a.

Julian Day Number = 1595319.5, Delta T = 04h02m35s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'21, Lahiri = - 8°43'20 Julian Calendar 1 Oct. 346 BCE == Greg. Calendar 26 Sept. 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

NOVEMBER 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 19 45	3♏58'40	5♓22	14♏52	13♐21	24♎31	0♍14	29♍ 0	15♒56	10♎28	28°R18	14°R12	14♋52	4♑50	n.a.	W 1
T 2	2 23 42	4°59'40	18°18	16°25	13°49	25°14	0°23	29° 6	15°56	10°30	28♈17	14♋ 5	14°48	4°56	n.a.	T 2
F 3	2 27 38	6° 0'40	1♈39	17°57	14°15	25°57	0°32	29°13	15°56	10°32	28°16	13°56	14°45	5° 3	n.a.	F 3
S 4	2 31 35	7° 1'42	15°26	19°29	14°40	26°41	0°40	29°19	15°56	10°34	28°15	13°46	14°42	5°10	n.a.	S 4
S 5	2 35 31	8° 2'44	29°37	21° 0	15° 3	27°24	0°48	29°25	15°56	10°36	28°14	13°34	14°39	5°16	n.a.	S 5
M 6	2 39 28	9° 3'47	14♉ 6	22°32	15°23	28° 7	0°57	29°31	15°57	10°39	28°13	13°24	14°36	5°23	n.a.	M 6
T 7	2 43 24	10° 4'52	28°46	24° 3	15°42	28°50	1° 5	29°37	15°57	10°41	28°12	13°15	14°33	5°30	n.a.	T 7
W 8	2 47 21	11° 5'57	13♊29	25°34	15°59	29°34	1°13	29°43	15°57	10°43	28°10	13° 9	14°29	5°36	n.a.	W 8
T 9	2 51 18	12° 7'03	28° 9	27° 5	16°14	0♏17	1°20	29°49	15°58	10°45	28° 9	13° 6	14°26	5°43	n.a.	T 9
F 10	2 55 14	13° 8'11	12♋40	28°35	16°26	1° 1	1°28	29°55	15°58	10°47	28° 8	13°D 5	14°23	5°50	n.a.	F 10
S 11	2 59 11	14° 9'19	26°58	0♐ 5	16°37	1°44	1°36	0♎ 1	15°59	10°49	28° 7	13° 6	14°20	5°56	n.a.	S 11
S 12	3 3 7	15°10'29	11♌ 1	1°34	16°45	2°28	1°43	0° 6	16° 0	10°50	28° 6	13°R 6	14°17	6° 3	n.a.	S 12
M13	3 7 4	16°11'39	24°49	3° 2	16°51	3°11	1°50	0°12	16° 0	10°52	28° 5	13° 6	14°14	6°10	n.a.	M13
T 14	3 11 0	17°12'50	8♍23	4°30	16°54	3°55	1°58	0°18	16° 1	10°54	28° 4	13° 4	14°10	6°16	n.a.	T 14
W15	3 14 57	18°14'02	21°43	5°56	16°R55	4°39	2° 5	0°23	16° 2	10°56	28° 3	12°59	14° 7	6°23	n.a.	W15
T 16	3 18 54	19°15'15	4♎51	7°21	16°54	5°23	2°11	0°29	16° 2	10°58	28° 2	12°52	14° 4	6°29	n.a.	T 16
F 17	3 22 50	20°16'29	17°46	8°45	16°50	6° 6	2°18	0°34	16° 3	11° 0	28° 1	12°43	14° 1	6°36	n.a.	F 17
S 18	3 26 47	21°17'43	0♏30	10° 6	16°44	6°50	2°25	0°40	16° 4	11° 2	28° 0	12°34	13°58	6°43	n.a.	S 18
S 19	3 30 43	22°18'58	13° 1	11°26	16°35	7°34	2°31	0°45	16° 5	11° 4	27°59	12°23	13°54	6°49	n.a.	S 19
M20	3 34 40	23°20'13	25°21	12°43	16°24	8°18	2°37	0°50	16° 6	11° 5	27°58	12°14	13°51	6°56	n.a.	M20
T 21	3 38 36	24°21'29	7♐31	13°57	16°10	9° 2	2°43	0°56	16° 7	11° 7	27°57	12° 7	13°48	7° 3	n.a.	T 21
W22	3 42 33	25°22'45	19°30	15° 8	15°54	9°46	2°49	1° 1	16° 8	11° 9	27°56	12° 2	13°45	7° 9	n.a.	W22
T 23	3 46 29	26°24'01	1♑22	16°15	15°35	10°30	2°55	1° 6	16° 9	11°11	27°55	11°59	13°42	7°16	n.a.	T 23
F 24	3 50 26	27°25'18	13° 9	17°17	15°14	11°14	3° 1	1°11	16°10	11°12	27°54	11°D58	13°39	7°23	n.a.	F 24
S 25	3 54 23	28°26'34	24°55	18°14	14°51	11°59	3° 6	1°16	16°12	11°14	27°53	11°59	13°35	7°29	n.a.	S 25
S 26	3 58 19	29°27'51	6♒44	19° 5	14°26	12°43	3°12	1°21	16°13	11°16	27°52	12° 1	13°32	7°36	n.a.	S 26
M27	4 2 16	0♐29'07	18°40	19°49	13°58	13°27	3°17	1°25	16°14	11°17	27°51	12° 2	13°29	7°43	n.a.	M27
T 28	4 6 12	1°30'23	0♓50	20°25	13°29	14°11	3°22	1°30	16°16	11°19	27°50	12°R 3	13°26	7°49	n.a.	T 28
W29	4 10 9	2°31'38	13°19	20°52	12°58	14°56	3°27	1°35	16°17	11°21	27°49	12° 2	13°23	7°56	n.a.	W29
T 30	4 14 5	3♐32'54	26♓10	21♐10	12♐26	15♏40	3♍31	1♎39	16♒19	11♎22	27♈48	12♋ 0	13♋19	8♑ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s 0	13s19	3s57	18s 8	1s43	26s46	4s 7	9s23	0n15	12n39	1n13	2n34	2n21	16s59	0s46	2s26	1n55	1s50	13s44	22n58	22n54	22s45		n.a.
T 2	13 21	8 52	4 33	18 40	1 47	26 45	4 3	9 39	0 15	12 36	1 13	2 31	2 22	16 59	0 46	2 27	1 55	1 50	13 44	22 59	22 54	22 46		n.a.
F 3	13 41	3 51	4 56	19 11	1 52	26 45	3 59	9 56	0 14	12 34	1 13	2 29	2 22	16 59	0 46	2 28	1 55	1 51	13 44	23 0	22 55	22 46		n.a.
S 4	14 2	1n30	5 3	19 40	1 56	26 43	3 54	10 12	0 14	12 31	1 13	2 27	2 22	16 59	0 46	2 29	1 55	1 51	13 44	23 1	22 55	22 47		n.a.
S 5	14 22	6 56	4 51	20 9	2 0	26 41	3 49	10 28	0 13	12 28	1 14	2 24	2 22	16 59	0 46	2 29	1 55	1 51	13 44	23 2	22 55	22 47		n.a.
M 6	14 42	12 7	4 21	20 37	2 3	26 38	3 44	10 45	0 12	12 25	1 14	2 22	2 22	16 59	0 46	2 30	1 55	1 52	13 44	23 3	22 56	22 48		n.a.
T 7	15 1	16 40	3 33	21 3	2 6	26 34	3 38	11 1	0 12	12 23	1 14	2 20	2 22	16 58	0 45	2 31	1 55	1 52	13 44	23 4	22 56	22 49		n.a.
W 8	15 21	20 12	2 31	21 29	2 9	26 30	3 32	11 17	0 11	12 20	1 14	2 17	2 23	16 58	0 45	2 32	1 55	1 52	13 44	23 5	22 56	22 49		n.a.
T 9	15 40	22 24	1 19	21 53	2 11	26 25	3 25	11 33	0 11	12 17	1 14	2 15	2 23	16 58	0 45	2 32	1 55	1 52	13 44	23 5	22 57	22 50		n.a.
F 10	15 59	23 5	0 2	22 16	2 13	26 19	3 18	11 49	0 10	12 15	1 15	2 13	2 23	16 58	0 45	2 33	1 55	1 53	13 44	23 5	22 57	22 50		n.a.
S 11	16 17	22 14	1n14	22 37	2 15	26 12	3 10	12 5	0 9	12 12	1 15	2 11	2 23	16 58	0 45	2 34	1 55	1 53	13 43	23 5	22 57	22 51		n.a.
S 12	16 35	19 59	2 24	22 57	2 16	26 5	3 2	12 21	0 9	12 10	1 15	2 9	2 23	16 58	0 45	2 35	1 55	1 53	13 43	23 5	22 58	22 52		n.a.
M13	16 53	16 37	3 24	23 16	2 17	25 57	2 54	12 36	0 8	12 7	1 15	2 6	2 23	16 57	0 45	2 35	1 55	1 54	13 43	23 5	22 58	22 52		n.a.
T 14	17 11	12 25	4 12	23 33	2 17	25 49	2 45	12 52	0 7	12 5	1 16	2 4	2 24	16 57	0 45	2 36	1 55	1 54	13 43	23 5	22 58	22 53		n.a.
W15	17 28	7 41	4 45	23 48	2 17	25 39	2 35	13 7	0 7	12 3	1 16	2 2	2 24	16 57	0 45	2 37	1 55	1 54	13 43	23 6	22 59	22 53		n.a.
T 16	17 45	2 41	5 3	24 2	2 16	25 29	2 25	13 23	0 6	12 1	1 16	2 0	2 24	16 57	0 45	2 38	1 55	1 54	13 43	23 6	22 59	22 54		n.a.
F 17	18 2	2s22	5 5	24 14	2 14	25 18	2 14	13 38	0 5	11 58	1 17	1 58	2 24	16 56	0 45	2 38	1 55	1 55	13 43	23 7	22 59	22 54		n.a.
S 18	18 18	7 14	4 51	24 25	2 12	25 7	2 3	13 53	0 5	11 56	1 17	1 56	2 24	16 56	0 45	2 39	1 56	1 55	13 43	23 8	23 0	22 55		n.a.
S 19	18 35	11 45	4 24	24 33	2 9	24 54	1 52	14 9	0 4	11 54	1 17	1 54	2 24	16 56	0 45	2 40	1 56	1 55	13 42	23 9	23 0	22 55		n.a.
M20	18 50	15 42	3 45	24 40	2 5	24 41	1 40	14 24	0 4	11 52	1 17	1 52	2 25	16 55	0 45	2 40	1 56	1 55	13 42	23 10	23 0	22 56		n.a.
T 21	19 6	18 57	2 55	24 45	2 0	24 27	1 27	14 38	0 3	11 50	1 18	1 50	2 25	16 55	0 45	2 41	1 56	1 55	13 42	23 11	23 1	22 56		n.a.
W22	19 21	21 21	1 59	24 47	1 54	24 13	1 14	14 53	0 2	11 48	1 18	1 48	2 25	16 55	0 45	2 42	1 56	1 56	13 42	23 11	23 1	22 57		n.a.
T 23	19 35	22 47	0 57	24 48	1 48	23 57	1 1	15 8	0 2	11 46	1 18	1 46	2 25	16 54	0 45	2 42	1 56	1 56	13 42	23 11	23 1	22 57		n.a.
F 24	19 50	23 11	0s 6	24 46	1 40	23 41	0 47	15 22	0 1	11 44	1 18	1 45	2 25	16 54	0 45	2 43	1 56	1 56	13 42	23 11	23 2	22 58		n.a.
S 25	20 4	22 33	1 10	24 43	1 31	23 25	0 33	15 37	0 0	11 43	1 19	1 43	2 26	16 53	0 45	2 43	1 56	1 56	13 41	23 11	23 2	22 58		n.a.
S 26	20 17	20 55	2 11	24 37	1 21	23 7	0 18	15 51	0s 0	11 41	1 19	1 41	2 26	16 53	0 45	2 44	1 56	1 56	13 41	23 11	23 2	22 59		n.a.
M27	20 30	18 22	3 6	24 30	1 9	22 49	0 4	16 5	0 1	11 39	1 19	1 39	2 26	16 53	0 45	2 45	1 56	1 56	13 41	23 11	23 3	22 59		n.a.
T 28	20 43	14 58	3 55	24 20	0 57	22 31	0n12	16 19	0 2	11 38	1 20	1 38	2 26	16 52	0 45	2 45	1 56	1 57	13 41	23 11	23 3	23 0		n.a.
W29	20 55	10 50	4 34	24 8	0 43	22 12	0 27	16 33	0 2	11 36	1 20	1 36	2 27	16 52	0 45	2 46	1 56	1 57	13 41	23 11	23 3	23 0		n.a.
T 30	21s 7	6s 7	5s 0	23s54	0s28	21s52	0n42	16s47	0s 3	11n35	1n20	1n34	2n27	16s51	0s45	2s46	1n56	1s57	13s40	23n11	23n 4	23s 1		n.a.

Julian Day Number = 1595350.5, Delta T = 04h02m34s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'16, Lahiri = - 8°43'16 Julian Calendar 1 Nov. 346 BCE == Greg. Calendar 27 Oct. 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 346 BCE
geocentric

DECEMBER 346 BCE (-345) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 18 2	4♐34'09	9♈28	21°R17	11°R52	16♏24	3♍36	1♎44	16♒20	11♎24	27°R47	11°R56	13♋16	8♉ 9	n.a.	F 1
S 2	4 21 58	5°35'24	23°14	21♐13	11♐17	17° 9	3°40	1°48	16°22	11°25	27♈46	11♋51	13°13	8°16	n.a.	S 2
S 3	4 25 55	6°36'38	7♉28	20°57	10°41	17°53	3°44	1°53	16°23	11°27	27°45	11°45	13°10	8°22	n.a.	S 3
M 4	4 29 52	7°37'52	22° 6	20°29	10° 5	18°38	3°48	1°57	16°25	11°28	27°45	11°40	13° 7	8°29	n.a.	M 4
T 5	4 33 48	8°39'07	7♊ 2	19°50	9°28	19°22	3°52	2° 1	16°27	11°29	27°44	11°35	13° 4	8°36	n.a.	T 5
W 6	4 37 45	9°40'20	22° 6	19° 0	8°51	20° 7	3°56	2° 5	16°29	11°31	27°43	11°32	13° 0	8°42	n.a.	W 6
T 7	4 41 41	10°41'34	7♋11	17°59	8°14	20°52	3°59	2° 9	16°30	11°32	27°42	11°D31	12°57	8°49	n.a.	T 7
F 8	4 45 38	11°42'48	22° 6	16°51	7°38	21°36	4° 2	2°13	16°32	11°34	27°41	11°31	12°54	8°56	n.a.	F 8
S 9	4 49 34	12°44'01	6♌46	15°36	7° 2	22°21	4° 5	2°17	16°34	11°35	27°41	11°32	12°51	9° 2	n.a.	S 9
S 10	4 53 31	13°45'14	21° 5	14°17	6°28	23° 6	4° 8	2°21	16°36	11°36	27°40	11°34	12°48	9° 9	n.a.	S 10
M11	4 57 28	14°46'27	5♍ 3	12°57	5°54	23°51	4°11	2°24	16°38	11°37	27°39	11°35	12°45	9°16	n.a.	M11
T 12	5 1 24	15°47'40	18°38	11°39	5°22	24°36	4°14	2°28	16°40	11°39	27°38	11°R35	12°41	9°22	n.a.	T 12
W13	5 5 21	16°48'52	1♎53	10°24	4°52	25°20	4°16	2°31	16°42	11°40	27°38	11°35	12°38	9°29	n.a.	W13
T 14	5 9 17	17°50'05	14°49	9°14	4°23	26° 5	4°18	2°35	16°44	11°41	27°37	11°33	12°35	9°36	n.a.	T 14
F 15	5 13 14	18°51'17	27°29	8°12	3°56	26°50	4°20	2°38	16°46	11°42	27°36	11°29	12°32	9°42	n.a.	F 15
S 16	5 17 10	19°52'28	9♏55	7°19	3°32	27°35	4°22	2°41	16°48	11°43	27°36	11°26	12°29	9°49	n.a.	S 16
S 17	5 21 7	20°53'40	22°10	6°34	3° 9	28°20	4°24	2°44	16°51	11°44	27°35	11°22	12°25	9°56	n.a.	S 17
M18	5 25 3	21°54'50	4♐16	5°59	2°49	29° 5	4°25	2°47	16°53	11°45	27°34	11°19	12°22	10° 2	n.a.	M18
T 19	5 29 0	22°56'00	16°14	5°33	2°31	29°51	4°26	2°50	16°55	11°46	27°34	11°16	12°19	10° 9	n.a.	T 19
W20	5 32 57	23°57'09	28° 6	5°17	2°15	0♐36	4°27	2°53	16°58	11°47	27°33	11°15	12°16	10°15	n.a.	W20
T 21	5 36 53	24°58'18	9♑54	5°D10	2° 2	1°21	4°28	2°56	17° 0	11°48	27°33	11°D14	12°13	10°22	n.a.	T 21
F 22	5 40 50	25°59'25	21°41	5°10	1°52	2° 6	4°29	2°59	17° 2	11°49	27°32	11°15	12°10	10°29	n.a.	F 22
S 23	5 44 46	27° 0'32	3♒29	5°19	1°43	2°51	4°29	3° 1	17° 5	11°50	27°32	11°16	12° 6	10°35	n.a.	S 23
S 24	5 48 43	28° 1'37	15°20	5°35	1°38	3°37	4°30	3° 4	17° 7	11°51	27°31	11°17	12° 3	10°42	n.a.	S 24
M25	5 52 39	29° 2'42	27°19	5°58	1°35	4°22	4°R30	3° 6	17°10	11°52	27°31	11°18	12° 0	10°49	n.a.	M25
T 26	5 56 36	0♑ 3'45	9♓29	6°26	1°D34	5° 7	4°30	3° 8	17°12	11°53	27°30	11°19	11°57	10°55	n.a.	T 26
W27	6 0 32	1° 4'46	21°55	7° 0	1°36	5°53	4°29	3°10	17°15	11°53	27°30	11°20	11°54	11° 2	n.a.	W27
T 28	6 4 29	2° 5'47	4♈40	7°40	1°40	6°38	4°29	3°12	17°18	11°54	27°29	11°R20	11°51	11° 9	n.a.	T 28
F 29	6 8 26	3° 6'46	17°50	8°23	1°46	7°24	4°28	3°14	17°20	11°55	27°29	11°20	11°47	11°15	n.a.	F 29
S 30	6 12 22	4° 7'43	1♉25	9°11	1°55	8° 9	4°27	3°16	17°23	11°56	27°29	11°19	11°44	11°22	n.a.	S 30
S 31	6 16 19	5♑ 8'39	15♉29	10♐ 3	2♐ 6	8♐55	4♍26	3♎18	17♒26	11♎56	27♈28	11♋18	11♋41	11♑29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s19	0s58	5s11	23s38	0s11	21s32	0n58	17s 1	0s 4	11n34	1n20	1n33	2n27	16s51	0s45	2s47	1n56	1s57	13s40	23n12	23n 4	23s 1		n.a.
S 2	21 30	4n25	5 6	23 20	0n 6	21 12	1 14	17 14	0 4	11 32	1 21	1 31	2 27	16 50	0 45	2 48	1 56	1 57	13 40	23 12	23 4	23 2		n.a.
S 3	21 41	9 45	4 41	23 1	0 25	20 51	1 29	17 27	0 5	11 31	1 21	1 30	2 27	16 50	0 45	2 48	1 56	1 57	13 40	23 13	23 5	23 2		n.a.
M 4	21 51	14 41	3 58	22 40	0 44	20 31	1 45	17 41	0 6	11 30	1 21	1 28	2 28	16 49	0 45	2 49	1 56	1 57	13 40	23 13	23 5	23 3		n.a.
T 5	22 1	18 50	2 58	22 17	1 4	20 10	2 0	17 54	0 6	11 29	1 22	1 27	2 28	16 49	0 44	2 49	1 56	1 57	13 39	23 13	23 5	23 3		n.a.
W 6	22 11	21 46	1 44	21 53	1 24	19 50	2 15	18 6	0 7	11 28	1 22	1 25	2 28	16 48	0 44	2 50	1 56	1 57	13 39	23 14	23 5	23 4		n.a.
T 7	22 20	23 9	0 24	21 29	1 43	19 29	2 30	18 19	0 8	11 27	1 22	1 24	2 28	16 47	0 44	2 50	1 56	1 57	13 39	23 14	23 6	23 4		n.a.
F 8	22 28	22 51	0n58	21 3	2 2	19 9	2 44	18 32	0 8	11 26	1 23	1 23	2 29	16 47	0 44	2 51	1 57	1 58	13 39	23 14	23 6	23 4		n.a.
S 9	22 36	20 59	2 14	20 38	2 19	18 50	2 58	18 44	0 9	11 25	1 23	1 21	2 29	16 46	0 44	2 51	1 57	1 58	13 38	23 14	23 6	23 5		n.a.
S 10	22 44	17 48	3 21	20 14	2 35	18 31	3 12	18 56	0 10	11 24	1 23	1 20	2 29	16 46	0 44	2 51	1 57	1 58	13 38	23 14	23 7	23 5		n.a.
M11	22 51	13 42	4 13	19 50	2 49	18 12	3 25	19 8	0 11	11 23	1 23	1 19	2 29	16 45	0 44	2 52	1 57	1 58	13 38	23 13	23 7	23 6		n.a.
T 12	22 58	8 59	4 50	19 29	3 1	17 54	3 37	19 20	0 11	11 23	1 24	1 17	2 30	16 44	0 44	2 52	1 57	1 58	13 38	23 13	23 7	23 6		n.a.
W13	23 4	3 59	5 10	19 9	3 10	17 37	3 49	19 32	0 12	11 22	1 24	1 16	2 30	16 44	0 44	2 53	1 57	1 58	13 37	23 13	23 8	23 7		n.a.
T 14	23 10	1s 5	5 14	18 52	3 17	17 21	4 0	19 43	0 13	11 21	1 24	1 15	2 30	16 43	0 44	2 53	1 57	1 58	13 37	23 14	23 8	23 7		n.a.
F 15	23 16	6 0	5 3	18 38	3 21	17 5	4 11	19 54	0 13	11 21	1 25	1 14	2 30	16 42	0 44	2 54	1 57	1 58	13 37	23 14	23 8	23 7		n.a.
S 16	23 21	10 36	4 37	18 28	3 23	16 51	4 21	20 6	0 14	11 21	1 25	1 13	2 31	16 42	0 44	2 54	1 57	1 58	13 37	23 14	23 9	23 8		n.a.
S 17	23 25	14 42	3 59	18 20	3 23	16 38	4 30	20 17	0 15	11 20	1 25	1 12	2 31	16 41	0 44	2 54	1 57	1 58	13 36	23 15	23 9	23 8		n.a.
M18	23 29	18 8	3 10	18 16	3 22	16 25	4 39	20 27	0 15	11 20	1 26	1 11	2 31	16 40	0 44	2 55	1 57	1 58	13 36	23 15	23 9	23 9		n.a.
T 19	23 33	20 48	2 14	18 15	3 18	16 14	4 47	20 38	0 16	11 20	1 26	1 10	2 31	16 39	0 44	2 55	1 57	1 58	13 36	23 15	23 9	23 9		n.a.
W20	23 36	22 31	1 12	18 17	3 13	16 4	4 54	20 48	0 17	11 20	1 26	1 9	2 32	16 39	0 44	2 55	1 57	1 57	13 36	23 15	23 10	23 9		n.a.
T 21	23 38	23 14	0 7	18 21	3 8	15 54	5 1	20 58	0 17	11 20	1 27	1 8	2 32	16 38	0 44	2 56	1 57	1 57	13 35	23 15	23 10	23 10		n.a.
F 22	23 40	22 55	0s58	18 28	3 1	15 46	5 7	21 8	0 18	11 20	1 27	1 7	2 32	16 37	0 44	2 56	1 57	1 57	13 35	23 15	23 10	23 10		n.a.
S 23	23 42	21 34	2 0	18 37	2 53	15 39	5 13	21 18	0 19	11 20	1 27	1 7	2 32	16 36	0 44	2 56	1 57	1 57	13 35	23 15	23 11	23 10		n.a.
S 24	23 43	19 16	2 58	18 48	2 45	15 33	5 18	21 27	0 20	11 20	1 27	1 6	2 33	16 36	0 44	2 57	1 58	1 57	13 35	23 15	23 11	23 11		n.a.
M25	23 44	16 8	3 49	19 1	2 36	15 28	5 22	21 37	0 20	11 20	1 28	1 5	2 33	16 35	0 44	2 57	1 58	1 57	13 34	23 15	23 11	23 11		n.a.
T 26	23 44	12 16	4 30	19 14	2 27	15 25	5 26	21 46	0 21	11 21	1 28	1 5	2 33	16 34	0 44	2 57	1 58	1 57	13 34	23 15	23 12	23 11		n.a.
W27	23 44	7 50	5 0	19 29	2 17	15 22	5 29	21 55	0 22	11 21	1 28	1 4	2 33	16 33	0 44	2 57	1 58	1 57	13 34	23 15	23 12	23 12		n.a.
T 28	23 43	2 56	5 16	19 45	2 8	15 20	5 32	22 3	0 22	11 22	1 29	1 3	2 34	16 32	0 44	2 58	1 58	1 57	13 33	23 15	23 12	23 12		n.a.
F 29	23 42	2n13	5 16	20 2	1 58	15 19	5 34	22 12	0 23	11 22	1 29	1 3	2 34	16 31	0 44	2 58	1 58	1 57	13 33	23 15	23 12	23 12		n.a.
S 30	23 40	7 27	4 59	20 19	1 48	15 19	5 36	22 20	0 24	11 23	1 29	1 2	2 34	16 31	0 44	2 58	1 58	1 56	13 33	23 15	23 13	23 13		n.a.
S 31	23s38	12n29	4s23	20s37	1n38	15s20	5n37	22s28	0s25	11n23	1n30	1n 2	2n35	16s30	0s44	2s58	1n58	1s56	13s33	23n15	23n13	23s13		n.a.

Julian Day Number = 1595380.5, Delta T = 04h02m32s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'12, Lahiri = - 8°43'12 Julian Calendar 1 Dec. 346 BCE == Greg. Calendar 26 Nov. 346 BCE

The year -345 astronomical counting style corresponds to year 346 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

JANUARY 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 20 15	6♑ 9'34	29♉59	10♐58	2♐19	9♐40	4°R25	3♎20	17♒28	11♎57	27°R28	11°R18	11♋38	11♑35	n.a.	M 1
T 2	6 24 12	7°10'27	14♊51	11°56	2°34	10°26	4♍23	3°21	17°31	11°57	27♈28	11♋17	11°35	11°42	n.a.	T 2
W 3	6 28 8	8°11'19	29°59	12°57	2°51	11°11	4°22	3°23	17°34	11°58	27°27	11°17	11°31	11°49	n.a.	W 3
T 4	6 32 5	9°12'10	15♋14	14° 0	3°10	11°57	4°20	3°24	17°37	11°58	27°27	11°D17	11°28	11°55	n.a.	T 4
F 5	6 36 2	10°12'59	0♌26	15° 6	3°32	12°43	4°18	3°25	17°40	11°59	27°27	11°17	11°25	12° 2	n.a.	F 5
S 6	6 39 58	11°13'47	15°25	16°14	3°55	13°28	4°16	3°27	17°43	11°59	27°27	11°R17	11°22	12° 8	n.a.	S 6
S 7	6 43 55	12°14'34	0♍ 4	17°24	4°20	14°14	4°13	3°28	17°46	12° 0	27°26	11°17	11°19	12°15	n.a.	S 7
M 8	6 47 51	13°15'20	14°17	18°36	4°46	15° 0	4°11	3°29	17°49	12° 0	27°26	11°17	11°16	12°22	n.a.	M 8
T 9	6 51 48	14°16'04	28° 4	19°50	5°14	15°46	4° 8	3°29	17°51	12° 0	27°26	11°17	11°12	12°28	n.a.	T 9
W10	6 55 44	15°16'47	11♎25	21° 6	5°44	16°31	4° 5	3°30	17°54	12° 1	27°26	11°D17	11° 9	12°35	n.a.	W10
T 11	6 59 41	16°17'29	24°21	22°23	6°16	17°17	4° 2	3°31	17°58	12° 1	27°26	11°17	11° 6	12°42	n.a.	T 11
F 12	7 3 37	17°18'10	6♏56	23°41	6°49	18° 3	3°59	3°31	18° 1	12° 1	27°26	11°17	11° 3	12°48	n.a.	F 12
S 13	7 7 34	18°18'50	19°15	25° 1	7°23	18°49	3°55	3°32	18° 4	12° 1	27°26	11°18	11° 0	12°55	n.a.	S 13
S 14	7 11 31	19°19'28	1♐20	26°22	7°59	19°35	3°52	3°32	18° 7	12° 1	27°25	11°18	10°57	13° 2	n.a.	S 14
M15	7 15 27	20°20'05	13°16	27°44	8°36	20°21	3°48	3°32	18°10	12° 2	27°25	11°19	10°53	13° 8	n.a.	M15
T 16	7 19 24	21°20'40	25° 6	29° 8	9°14	21° 7	3°44	3°33	18°13	12° 2	27°D25	11°20	10°50	13°15	n.a.	T 16
W17	7 23 20	22°21'14	6♑53	0♑32	9°54	21°53	3°40	3°R33	18°16	12° 2	27°25	11°R21	10°47	13°22	n.a.	W17
T 18	7 27 17	23°21'46	18°40	1°58	10°34	22°39	3°35	3°33	18°19	12°R 2	27°25	11°21	10°44	13°28	n.a.	T 18
F 19	7 31 13	24°22'17	0♒29	3°25	11°16	23°25	3°31	3°32	18°22	12° 2	27°26	11°20	10°41	13°35	n.a.	F 19
S 20	7 35 10	25°22'45	12°22	4°53	11°59	24°11	3°26	3°32	18°26	12° 2	27°26	11°18	10°37	13°42	n.a.	S 20
S 21	7 39 6	26°23'12	24°20	6°22	12°43	24°57	3°21	3°32	18°29	12° 2	27°26	11°16	10°34	13°48	n.a.	S 21
M22	7 43 3	27°23'37	6♓28	7°52	13°27	25°43	3°16	3°31	18°32	12° 1	27°26	11°14	10°31	13°55	n.a.	M22
T 23	7 47 0	28°24'00	18°45	9°23	14°13	26°29	3°11	3°31	18°35	12° 1	27°26	11°11	10°28	14° 1	n.a.	T 23
W24	7 50 56	29°24'21	1♈16	10°55	15° 0	27°15	3° 6	3°30	18°39	12° 1	27°26	11° 9	10°25	14° 8	n.a.	W24
T 25	7 54 53	0♒24'39	14° 2	12°28	15°47	28° 1	3° 0	3°29	18°42	12° 1	27°26	11° 7	10°22	14°15	n.a.	T 25
F 26	7 58 49	1°24'56	27° 8	14° 2	16°36	28°48	2°55	3°28	18°45	12° 1	27°27	11°D 6	10°18	14°21	n.a.	F 26
S 27	8 2 46	2°25'10	10♉34	15°37	17°25	29°34	2°49	3°27	18°49	12° 0	27°27	11° 6	10°15	14°28	n.a.	S 27
S 28	8 6 42	3°25'23	24°23	17°13	18°15	0♑20	2°43	3°26	18°52	12° 0	27°27	11° 7	10°12	14°35	n.a.	S 28
M29	8 10 39	4°25'33	8♊36	18°50	19° 5	1° 6	2°37	3°25	18°55	12° 0	27°27	11° 9	10° 9	14°41	n.a.	M29
T 30	8 14 35	5°25'41	23°12	20°28	19°56	1°52	2°31	3°24	18°59	11°59	27°28	11°10	10° 6	14°48	n.a.	T 30
W31	8 18 32	6♒25'47	8♋ 5	22♑ 8	20♐48	2♑39	2♍25	3♎22	19♒ 2	11♎59	27♈28	11°R11	10♋ 3	14♑55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23 s35	16n58	3 s30	20 s54	1n28	15 s21	5n38	22 s36	0 s25	11n24	1n30	1n 1	2n35	16 s29	0 s44	2 s58	1n58	1 s56	13 s32	23n15	23n13	23 s13			n.a.
T 2	23 32	20 31	2 22	21 12	1 19	15 24	5 39	22 43	0 26	11 25	1 30	1 1	2 35	16 28	0 44	2 58	1 58	1 56	13 32	23 15	23 13	23 13			n.a.
W 3	23 29	22 42	1 2	21 30	1 9	15 27	5 39	22 50	0 27	11 26	1 30	1 1	2 35	16 27	0 44	2 59	1 58	1 56	13 32	23 15	23 14	23 14			n.a.
T 4	23 25	23 13	0n22	21 47	0 59	15 31	5 38	22 57	0 27	11 27	1 31	1 0	2 36	16 26	0 44	2 59	1 58	1 56	13 31	23 15	23 14	23 14			n.a.
F 5	23 20	22 1	1 45	22 4	0 50	15 36	5 38	23 4	0 28	11 28	1 31	1 0	2 36	16 25	0 44	2 59	1 58	1 55	13 31	23 15	23 14	23 14			n.a.
S 6	23 15	19 15	2 59	22 21	0 40	15 41	5 37	23 11	0 29	11 29	1 31	1 0	2 36	16 24	0 44	2 59	1 58	1 55	13 31	23 15	23 15	23 15			n.a.
S 7	23 10	15 19	4 0	22 37	0 31	15 47	5 35	23 17	0 29	11 30	1 32	1 0	2 37	16 23	0 44	2 59	1 58	1 55	13 30	23 15	23 15	23 15			n.a.
M 8	23 4	10 36	4 44	22 52	0 22	15 53	5 34	23 23	0 30	11 31	1 32	1 0	2 37	16 23	0 44	2 59	1 59	1 55	13 30	23 15	23 15	23 15			n.a.
T 9	22 58	5 30	5 10	23 7	0 13	16 0	5 32	23 29	0 31	11 33	1 32	1 0	2 37	16 22	0 44	2 59	1 59	1 55	13 30	23 15	23 15	23 15			n.a.
W10	22 51	0 18	5 18	23 21	0 5	16 7	5 30	23 34	0 32	11 34	1 33	1 0	2 37	16 21	0 44	2 59	1 59	1 54	13 29	23 15	23 16	23 16			n.a.
T 11	22 44	4 s45	5 10	23 35	0 s 4	16 15	5 28	23 39	0 32	11 35	1 33	1 0	2 38	16 20	0 44	2 59	1 59	1 54	13 29	23 15	23 16	23 16			n.a.
F 12	22 36	9 29	4 47	23 47	0 12	16 23	5 25	23 44	0 33	11 37	1 33	1 0	2 38	16 19	0 44	2 59	1 59	1 54	13 29	23 15	23 16	23 16			n.a.
S 13	22 28	13 44	4 11	23 59	0 20	16 31	5 22	23 49	0 34	11 38	1 33	1 0	2 38	16 18	0 43	2 59	1 59	1 54	13 29	23 15	23 16	23 16			n.a.
S 14	22 19	17 21	3 25	24 9	0 28	16 40	5 19	23 54	0 34	11 40	1 34	1 0	2 38	16 17	0 43	2 59	1 59	1 53	13 28	23 15	23 17	23 17			n.a.
M15	22 11	20 12	2 30	24 18	0 35	16 48	5 16	23 58	0 35	11 42	1 34	1 0	2 39	16 16	0 43	2 59	1 59	1 53	13 28	23 15	23 17	23 17			n.a.
T 16	22 1	22 10	1 29	24 27	0 43	16 58	5 13	24 2	0 36	11 43	1 34	1 0	2 39	16 15	0 43	2 59	1 59	1 53	13 28	23 15	23 17	23 17			n.a.
W17	21 51	23 9	0 25	24 34	0 50	17 7	5 9	24 6	0 37	11 45	1 34	1 0	2 39	16 14	0 43	2 59	1 59	1 52	13 27	23 15	23 18	23 17			n.a.
T 18	21 41	23 5	0 s41	24 40	0 57	17 16	5 5	24 9	0 37	11 47	1 35	1 1	2 40	16 13	0 43	2 59	1 59	1 52	13 27	23 15	23 18	23 17			n.a.
F 19	21 31	22 0	1 44	24 45	1 3	17 26	5 1	24 12	0 38	11 49	1 35	1 1	2 40	16 12	0 43	2 59	1 59	1 52	13 27	23 15	23 18	23 18			n.a.
S 20	21 20	19 55	2 44	24 48	1 9	17 36	4 57	24 15	0 39	11 51	1 35	1 1	2 40	16 11	0 43	2 59	1 59	1 51	13 26	23 15	23 18	23 18			n.a.
S 21	21 8	16 58	3 36	24 50	1 15	17 45	4 53	24 18	0 39	11 53	1 36	1 2	2 40	16 10	0 43	2 59	1 59	1 51	13 26	23 15	23 19	23 18			n.a.
M22	20 56	13 16	4 20	24 51	1 21	17 55	4 49	24 20	0 40	11 55	1 36	1 2	2 41	16 9	0 43	2 59	2 0	1 51	13 26	23 15	23 19	23 18			n.a.
T 23	20 44	8 58	4 52	24 50	1 26	18 5	4 45	24 22	0 41	11 57	1 36	1 3	2 41	16 8	0 43	2 59	2 0	1 50	13 25	23 16	23 19	23 18			n.a.
W24	20 32	4 14	5 11	24 48	1 32	18 14	4 40	24 24	0 41	11 59	1 36	1 3	2 41	16 7	0 43	2 59	2 0	1 50	13 25	23 16	23 19	23 19			n.a.
T 25	20 19	0n46	5 16	24 44	1 36	18 24	4 35	24 25	0 42	12 1	1 36	1 4	2 41	16 6	0 43	2 58	2 0	1 50	13 25	23 16	23 20	23 19			n.a.
F 26	20 6	5 51	5 4	24 39	1 41	18 34	4 31	24 27	0 43	12 4	1 37	1 4	2 42	16 4	0 43	2 58	2 0	1 49	13 24	23 16	23 20	23 19			n.a.
S 27	19 52	10 49	4 35	24 33	1 45	18 43	4 26	24 28	0 44	12 6	1 37	1 5	2 42	16 3	0 43	2 58	2 0	1 49	13 24	23 16	23 20	23 19			n.a.
S 28	19 38	15 23	3 50	24 24	1 49	18 53	4 21	24 28	0 44	12 8	1 37	1 6	2 42	16 2	0 43	2 58	2 0	1 49	13 24	23 16	23 20	23 19			n.a.
M29	19 24	19 13	2 50	24 14	1 52	19 2	4 16	24 29	0 45	12 11	1 37	1 6	2 42	16 1	0 43	2 58	2 0	1 48	13 24	23 16	23 21	23 19			n.a.
T 30	19 9	21 56	1 38	24 3	1 55	19 11	4 11	24 29	0 46	12 13	1 38	1 7	2 43	16 0	0 43	2 57	2 0	1 48	13 23	23 16	23 21	23 19			n.a.
W31	18 s54	23n12	0 s17	23 s50	1 s58	19 s20	4n 6	24 s29	0 s46	12n16	1n38	1n 8	2n43	15 s59	0 s43	2 s57	2n 0	1 s47	13 s23	23n16	23n21	23 s20			n.a.

Julian Day Number = 1595411.5, Delta T = 04h02m31s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'08, Lahiri = - 8°43'08 Julian Calendar 1 Jan. 345 BCE == Greg. Calendar 27 Dec. 346 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

FEBRUARY 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 22 29	7♒25'50	23♋11	23♉48	21♐41	3♉25	2°R19	3°R21	19♒ 5	11°R58	27♈28	11°R10	9♋59	15♉ 1	n.a.	T 1
F 2	8 26 25	8°25'52	8♌20	25°29	22°34	4°11	2♍12	3♎19	19° 9	11♎58	27°29	11♋ 9	9°56	15° 8	n.a.	F 2
S 3	8 30 22	9°25'51	23°23	27°12	23°28	4°57	2° 6	3°18	19°12	11°57	27°29	11° 6	9°53	15°15	n.a.	S 3
S 4	8 34 18	10°25'49	8♍11	28°55	24°23	5°44	1°59	3°16	19°16	11°57	27°29	11° 1	9°50	15°21	n.a.	S 4
M 5	8 38 15	11°25'44	22°36	0♒40	25°18	6°30	1°52	3°14	19°19	11°56	27°30	10°57	9°47	15°28	n.a.	M 5
T 6	8 42 11	12°25'38	6♎35	2°26	26°14	7°16	1°45	3°12	19°22	11°56	27°30	10°53	9°43	15°34	n.a.	T 6
W 7	8 46 8	13°25'30	20° 5	4°12	27°10	8° 3	1°38	3°10	19°26	11°55	27°31	10°49	9°40	15°41	n.a.	W 7
T 8	8 50 4	14°25'20	3♏ 8	6° 0	28° 6	8°49	1°31	3° 8	19°29	11°54	27°31	10°47	9°37	15°48	n.a.	T 8
F 9	8 54 1	15°25'09	15°46	7°50	29° 3	9°35	1°24	3° 6	19°33	11°54	27°32	10°D46	9°34	15°54	n.a.	F 9
S 10	8 57 58	16°24'55	28° 4	9°40	0♑ 1	10°22	1°17	3° 3	19°36	11°53	27°32	10°47	9°31	16° 1	n.a.	S 10
S 11	9 1 54	17°24'40	10♐ 7	11°32	0°59	11° 8	1°10	3° 1	19°39	11°52	27°33	10°48	9°28	16° 8	n.a.	S 11
M12	9 5 51	18°24'23	21°59	13°24	1°58	11°55	1° 2	2°58	19°43	11°51	27°33	10°50	9°24	16°14	n.a.	M12
T 13	9 9 47	19°24'05	3♑46	15°18	2°56	12°41	0°55	2°56	19°46	11°51	27°34	10°52	9°21	16°21	n.a.	T 13
W14	9 13 44	20°23'44	15°32	17°13	3°56	13°27	0°47	2°53	19°50	11°50	27°35	10°R52	9°18	16°28	n.a.	W14
T 15	9 17 40	21°23'21	27°20	19° 9	4°55	14°14	0°40	2°50	19°53	11°49	27°35	10°50	9°15	16°34	n.a.	T 15
F 16	9 21 37	22°22'56	9♒14	21° 6	5°55	15° 0	0°32	2°48	19°57	11°48	27°36	10°47	9°12	16°41	n.a.	F 16
S 17	9 25 33	23°22'29	21°15	23° 4	6°56	15°47	0°25	2°45	20° 0	11°47	27°36	10°41	9° 9	16°48	n.a.	S 17
S 18	9 29 30	24°22'00	3♓26	25° 3	7°57	16°33	0°17	2°42	20° 3	11°46	27°37	10°34	9° 5	16°54	n.a.	S 18
M19	9 33 26	25°21'29	15°47	27° 3	8°58	17°20	0° 9	2°39	20° 7	11°45	27°38	10°25	9° 2	17° 1	n.a.	M19
T 20	9 37 23	26°20'55	28°20	29° 4	9°59	18° 6	0° 1	2°35	20°10	11°44	27°39	10°17	8°59	17° 8	n.a.	T 20
W21	9 41 20	27°20'20	11♈ 4	1♓ 5	11° 1	18°52	29♌54	2°32	20°14	11°43	27°39	10° 9	8°56	17°14	n.a.	W21
T 22	9 45 16	28°19'41	24° 2	3° 7	12° 3	19°39	29°46	2°29	20°17	11°42	27°40	10° 3	8°53	17°21	n.a.	T 22
F 23	9 49 13	29°19'01	7♉13	5° 8	13° 5	20°25	29°38	2°26	20°21	11°41	27°41	9°58	8°49	17°27	n.a.	F 23
S 24	9 53 9	0♓18'18	20°39	7°10	14° 7	21°12	29°30	2°22	20°24	11°40	27°42	9°56	8°46	17°34	n.a.	S 24
S 25	9 57 6	1°17'32	4♊22	9°12	15°10	21°58	29°23	2°19	20°27	11°39	27°42	9°D55	8°43	17°41	n.a.	S 25
M26	10 1 2	2°16'45	18°21	11°13	16°13	22°44	29°15	2°15	20°31	11°38	27°43	9°56	8°40	17°47	n.a.	M26
T 27	10 4 59	3°15'54	2♋38	13°13	17°16	23°31	29° 7	2°12	20°34	11°37	27°44	9°R57	8°37	17°54	n.a.	T 27
W28	10 8 55	4°15'02	17°10	15°12	18°20	24°17	29° 0	2° 8	20°37	11°35	27°45	9°57	8°34	18° 1	n.a.	W28
T 29	10 12 52	5♓14'07	1♌54	17♓ 9	19♉24	25♉ 4	28♌52	2♎ 4	20♒41	11♎34	27♈46	9♋55	8♋30	18♉ 7	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s38	22n48	1n 6	23s35	2s 0	19s28	4n 1	24s28	0s47	12n18	1n38	1n 9	2n43	15s58	0s43	2s57	2n 0	1s47	13s23	23n16	23n21	23s20		n.a.
F 2	18 23	20 43	2 24	23 18	2 2	19 36	3 55	24 28	0 48	12 21	1 38	1 10	2 44	15 57	0 43	2 57	2 0	1 47	13 22	23 16	23 22	23 20		n.a.
S 3	18 7	17 13	3 31	23 0	2 3	19 45	3 50	24 27	0 48	12 23	1 38	1 10	2 44	15 56	0 43	2 57	2 0	1 46	13 22	23 16	23 22	23 20		n.a.
S 4	17 51	12 40	4 24	22 39	2 4	19 52	3 45	24 26	0 49	12 26	1 39	1 11	2 44	15 55	0 43	2 56	2 0	1 46	13 22	23 16	23 22	23 20		n.a.
M 5	17 34	7 31	4 57	22 17	2 5	20 0	3 39	24 24	0 50	12 28	1 39	1 12	2 44	15 54	0 43	2 56	2 0	1 45	13 21	23 17	23 22	23 20		n.a.
T 6	17 17	2 8	5 12	21 53	2 5	20 7	3 34	24 22	0 50	12 31	1 39	1 13	2 44	15 53	0 43	2 56	2 0	1 45	13 21	23 17	23 23	23 20		n.a.
W 7	17 0	3s11	5 9	21 28	2 5	20 14	3 29	24 20	0 51	12 34	1 39	1 14	2 45	15 52	0 43	2 55	2 1	1 44	13 21	23 17	23 23	23 20		n.a.
T 8	16 42	8 10	4 50	21 0	2 4	20 20	3 23	24 18	0 52	12 36	1 39	1 16	2 45	15 51	0 43	2 55	2 1	1 44	13 20	23 18	23 23	23 20		n.a.
F 9	16 25	12 40	4 17	20 31	2 3	20 27	3 17	24 15	0 52	12 39	1 39	1 17	2 45	15 49	0 43	2 55	2 1	1 44	13 20	23 18	23 23	23 20		n.a.
S 10	16 7	16 31	3 33	19 59	2 1	20 32	3 12	24 12	0 53	12 42	1 39	1 18	2 45	15 48	0 43	2 54	2 1	1 43	13 20	23 18	23 23	23 21		n.a.
S 11	15 48	19 36	2 40	19 26	1 59	20 38	3 6	24 9	0 54	12 45	1 40	1 19	2 46	15 47	0 43	2 54	2 1	1 43	13 20	23 17	23 24	23 21		n.a.
M12	15 30	21 48	1 41	18 51	1 56	20 43	3 1	24 6	0 54	12 47	1 40	1 20	2 46	15 46	0 43	2 54	2 1	1 42	13 19	23 17	23 24	23 21		n.a.
T 13	15 11	23 2	0 39	18 14	1 53	20 47	2 55	24 2	0 55	12 50	1 40	1 21	2 46	15 45	0 43	2 53	2 1	1 42	13 19	23 17	23 24	23 21		n.a.
W14	14 52	23 14	0s25	17 35	1 49	20 51	2 50	23 58	0 56	12 53	1 40	1 23	2 46	15 44	0 43	2 53	2 1	1 41	13 19	23 17	23 24	23 21		n.a.
T 15	14 33	22 24	1 29	16 55	1 44	20 55	2 44	23 54	0 56	12 56	1 40	1 24	2 47	15 43	0 43	2 53	2 1	1 41	13 18	23 17	23 25	23 21		n.a.
F 16	14 13	20 33	2 28	16 12	1 39	20 58	2 38	23 49	0 57	12 59	1 40	1 25	2 47	15 42	0 43	2 52	2 1	1 40	13 18	23 18	23 25	23 21		n.a.
S 17	13 54	17 46	3 21	15 28	1 34	21 1	2 33	23 45	0 58	13 2	1 40	1 27	2 47	15 41	0 43	2 52	2 1	1 40	13 18	23 18	23 25	23 21		n.a.
S 18	13 34	14 11	4 6	14 42	1 28	21 3	2 27	23 40	0 58	13 4	1 40	1 28	2 47	15 40	0 43	2 51	2 1	1 39	13 18	23 19	23 25	23 21		n.a.
M19	13 14	9 58	4 40	13 55	1 21	21 4	2 22	23 34	0 59	13 7	1 40	1 29	2 47	15 39	0 43	2 51	2 1	1 39	13 17	23 19	23 25	23 21		n.a.
T 20	12 53	5 16	5 1	13 5	1 14	21 6	2 16	23 29	0 59	13 10	1 41	1 31	2 48	15 37	0 43	2 50	2 1	1 38	13 17	23 20	23 26	23 21		n.a.
W21	12 33	0 17	5 8	12 15	1 6	21 6	2 11	23 23	1 0	13 13	1 41	1 32	2 48	15 36	0 43	2 50	2 1	1 38	13 17	23 21	23 26	23 21		n.a.
T 22	12 12	4n48	4 59	11 23	0 57	21 7	2 5	23 17	1 1	13 16	1 41	1 34	2 48	15 35	0 43	2 49	2 1	1 37	13 16	23 21	23 26	23 21		n.a.
F 23	11 51	9 46	4 34	10 29	0 48	21 6	1 59	23 10	1 1	13 19	1 41	1 35	2 48	15 34	0 43	2 49	2 1	1 37	13 16	23 21	23 26	23 21		n.a.
S 24	11 30	14 23	3 54	9 35	0 39	21 5	1 54	23 4	1 2	13 21	1 41	1 37	2 48	15 33	0 43	2 49	2 1	1 36	13 16	23 22	23 27	23 21		n.a.
S 25	11 9	18 20	3 0	8 40	0 28	21 4	1 49	22 57	1 3	13 24	1 41	1 38	2 48	15 32	0 43	2 48	2 2	1 36	13 16	23 22	23 27	23 21		n.a.
M26	10 48	21 20	1 54	7 44	0 18	21 2	1 43	22 50	1 3	13 27	1 41	1 40	2 49	15 31	0 43	2 48	2 2	1 35	13 15	23 22	23 27	23 21		n.a.
T 27	10 26	23 3	0 39	6 47	0 7	20 59	1 38	22 42	1 4	13 30	1 41	1 42	2 49	15 30	0 43	2 47	2 2	1 35	13 15	23 21	23 27	23 21		n.a.
W28	10 4	23 16	0n39	5 50	0n 4	20 56	1 32	22 35	1 4	13 32	1 41	1 43	2 49	15 29	0 43	2 47	2 2	1 34	13 15	23 21	23 27	23 21		n.a.
T 29	9s42	21n51	1n55	4s53	0n16	20s53	1n27	22s27	1s 5	13n35	1n41	1n45	2n49	15s28	0s43	2s46	2n 2	1s34	13s15	23n22	23n28	23s21		n.a.

Julian Day Number = 1595442.5, Delta T = 04h02m30s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'04, Lahiri = - 8°43'03 Julian Calendar 1 Feb. 345 BCE == Greg. Calendar 27 Jan. 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

MARCH 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 16 49	6♓13'09	16♌44	19♓ 5	20♉28	25♉50	28°R44	2°R 0	20♒44	11°R33	27♈47	9°R51	8♋27	18♉14	n.a.	F 1
S 2	10 20 45	7°12'10	1♍33	20°58	21°32	26°36	28♌37	1♎57	20°47	11♎32	27°48	9♋44	8°24	18°21	n.a.	S 2
S 3	10 24 42	8°11'08	16°12	22°48	22°36	27°23	28°29	1°53	20°51	11°30	27°49	9°36	8°21	18°27	n.a.	S 3
M 4	10 28 38	9°10'04	0♎35	24°35	23°41	28° 9	28°21	1°49	20°54	11°29	27°49	9°26	8°18	18°34	n.a.	M 4
T 5	10 32 35	10° 8'58	14°35	26°19	24°46	28°56	28°14	1°45	20°57	11°28	27°50	9°17	8°14	18°41	n.a.	T 5
W 6	10 36 31	11° 7'50	28° 9	27°59	25°51	29°42	28° 7	1°41	21° 1	11°26	27°51	9° 8	8°11	18°47	n.a.	W 6
T 7	10 40 28	12° 6'40	11♏16	29°35	26°56	0♒28	27°59	1°37	21° 4	11°25	27°52	9° 2	8° 8	18°54	n.a.	T 7
F 8	10 44 24	13° 5'28	23°58	1♈ 6	28° 2	1°15	27°52	1°32	21° 7	11°24	27°53	8°58	8° 5	19° 1	n.a.	F 8
S 9	10 48 21	14° 4'14	6♐19	2°33	29° 7	2° 1	27°45	1°28	21°10	11°22	27°54	8°56	8° 2	19° 7	n.a.	S 9
S 10	10 52 17	15° 2'59	18°23	3°55	0♒13	2°47	27°38	1°24	21°14	11°21	27°55	8°D56	7°59	19°14	n.a.	S 10
M11	10 56 14	16° 1'42	0♑17	5°11	1°19	3°34	27°30	1°20	21°17	11°20	27°56	8°56	7°55	19°20	n.a.	M11
T 12	11 0 11	17° 0'23	12° 4	6°22	2°25	4°20	27°23	1°16	21°20	11°18	27°58	8°R57	7°52	19°27	n.a.	T 12
W13	11 4 7	17°59'03	23°51	7°28	3°31	5° 6	27°17	1°11	21°23	11°17	27°59	8°55	7°49	19°34	n.a.	W13
T 14	11 8 4	18°57'40	5♒43	8°28	4°38	5°52	27°10	1° 7	21°26	11°15	28° 0	8°52	7°46	19°40	n.a.	T 14
F 15	11 12 0	19°56'15	17°42	9°22	5°44	6°39	27° 3	1° 3	21°29	11°14	28° 1	8°46	7°43	19°47	n.a.	F 15
S 16	11 15 57	20°54'49	29°53	10°11	6°51	7°25	26°56	0°58	21°32	11°12	28° 2	8°38	7°40	19°54	n.a.	S 16
S 17	11 19 53	21°53'21	12♓17	10°53	7°58	8°11	26°50	0°54	21°36	11°11	28° 3	8°27	7°36	20° 0	n.a.	S 17
M18	11 23 50	22°51'50	24°55	11°30	9° 5	8°57	26°44	0°49	21°39	11° 9	28° 4	8°15	7°33	20° 7	n.a.	M18
T 19	11 27 46	23°50'18	7♈47	12° 0	10°12	9°43	26°37	0°45	21°42	11° 8	28° 5	8° 2	7°30	20°14	n.a.	T 19
W20	11 31 43	24°48'44	20°52	12°24	11°19	10°30	26°31	0°40	21°45	11° 6	28° 6	7°50	7°27	20°20	n.a.	W20
T 21	11 35 40	25°47'07	4♉ 9	12°43	12°27	11°16	26°25	0°36	21°48	11° 5	28° 8	7°40	7°24	20°27	n.a.	T 21
F 22	11 39 36	26°45'29	17°37	12°55	13°34	12° 2	26°19	0°31	21°51	11° 3	28° 9	7°33	7°20	20°34	n.a.	F 22
S 23	11 43 33	27°43'48	1♊15	13° 2	14°42	12°48	26°14	0°27	21°54	11° 1	28°10	7°28	7°17	20°40	n.a.	S 23
S 24	11 47 29	28°42'05	15° 2	13°R 2	15°49	13°34	26° 8	0°22	21°56	11° 0	28°11	7°26	7°14	20°47	n.a.	S 24
M25	11 51 26	29°40'20	28°59	12°58	16°57	14°20	26° 2	0°18	21°59	10°58	28°12	7°26	7°11	20°54	n.a.	M25
T 26	11 55 22	0♈38'33	13♋ 6	12°47	18° 5	15° 6	25°57	0°13	22° 2	10°57	28°14	7°25	7° 8	21° 0	n.a.	T 26
W27	11 59 19	1°36'44	27°20	12°32	19°13	15°52	25°52	0° 9	22° 5	10°55	28°15	7°25	7° 5	21° 7	n.a.	W27
T 28	12 3 15	2°34'53	11♌42	12°12	20°21	16°38	25°47	0° 4	22° 8	10°53	28°16	7°22	7° 1	21°13	n.a.	T 28
F 29	12 7 12	3°32'59	26° 7	11°48	21°29	17°24	25°42	29♍59	22°11	10°52	28°17	7°16	6°58	21°20	n.a.	F 29
S 30	12 11 8	4°31'03	10♍31	11°20	22°38	18°10	25°37	29°55	22°13	10°50	28°19	7° 8	6°55	21°27	n.a.	S 30
S 31	12 15 5	5♈29'06	24♍49	10♈49	23♒46	18♒56	25♌33	29♍51	22♒16	10♎49	28♈20	6♋57	6♋52	21♉33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s20	18n56	3n 4	3s57	0n28	20s49	1n22	22s19	1s 6	13n38	1n41	1n46	2n49	15s27	0s43	2s45	2n 2	1s33	13s14	23n22	23n28	23s21		n.a.
S 2	8 58	14 47	4 0	3 1	0 40	20 44	1 16	22 11	1 6	13 41	1 41	1 48	2 49	15 26	0 43	2 45	2 2	1 32	13 14	23 22	23 28	23 21		n.a.
S 3	8 36	9 48	4 40	2 6	0 52	20 39	1 11	22 2	1 7	13 43	1 41	1 50	2 50	15 24	0 43	2 44	2 2	1 32	13 14	23 23	23 28	23 21		n.a.
M 4	8 14	4 22	5 1	1 12	1 4	20 33	1 6	21 53	1 7	13 46	1 41	1 52	2 50	15 23	0 43	2 44	2 2	1 31	13 14	23 24	23 28	23 21		n.a.
T 5	7 51	1s10	5 3	0 19	1 16	20 26	1 1	21 44	1 8	13 49	1 41	1 53	2 50	15 22	0 43	2 43	2 2	1 31	13 13	23 24	23 29	23 21		n.a.
W 6	7 29	6 28	4 48	0n32	1 28	20 20	0 56	21 35	1 8	13 51	1 41	1 55	2 50	15 21	0 43	2 43	2 2	1 30	13 13	23 25	23 29	23 20		n.a.
T 7	7 6	11 18	4 18	1 21	1 39	20 12	0 51	21 25	1 9	13 54	1 41	1 57	2 50	15 20	0 43	2 42	2 2	1 30	13 13	23 25	23 29	23 20		n.a.
F 8	6 43	15 30	3 36	2 8	1 51	20 4	0 46	21 16	1 10	13 56	1 41	1 59	2 50	15 19	0 43	2 42	2 2	1 29	13 13	23 26	23 29	23 20		n.a.
S 9	6 21	18 55	2 45	2 53	2 1	19 55	0 41	21 6	1 10	13 59	1 41	2 0	2 50	15 18	0 43	2 41	2 2	1 29	13 13	23 26	23 29	23 20		n.a.
S 10	5 58	21 26	1 48	3 35	2 12	19 46	0 36	20 55	1 11	14 1	1 41	2 2	2 50	15 17	0 43	2 40	2 2	1 28	13 12	23 26	23 30	23 20		n.a.
M11	5 35	22 58	0 46	4 15	2 21	19 36	0 31	20 45	1 11	14 4	1 41	2 4	2 50	15 16	0 43	2 40	2 2	1 27	13 12	23 26	23 30	23 20		n.a.
T 12	5 12	23 27	0s17	4 51	2 30	19 26	0 26	20 34	1 12	14 6	1 41	2 6	2 51	15 15	0 43	2 39	2 2	1 27	13 12	23 26	23 30	23 20		n.a.
W13	4 48	22 53	1 19	5 25	2 39	19 15	0 22	20 24	1 12	14 8	1 40	2 7	2 51	15 14	0 44	2 39	2 2	1 26	13 12	23 26	23 30	23 20		n.a.
T 14	4 25	21 18	2 17	5 56	2 46	19 4	0 17	20 13	1 13	14 11	1 40	2 9	2 51	15 13	0 44	2 38	2 2	1 26	13 11	23 26	23 30	23 20		n.a.
F 15	4 2	18 44	3 11	6 24	2 53	18 52	0 13	20 1	1 13	14 13	1 40	2 11	2 51	15 12	0 44	2 37	2 2	1 25	13 11	23 27	23 31	23 19		n.a.
S 16	3 39	15 19	3 56	6 48	2 58	18 40	0 8	19 50	1 14	14 15	1 40	2 13	2 51	15 11	0 44	2 37	2 2	1 25	13 11	23 27	23 31	23 19		n.a.
S 17	3 15	11 12	4 31	7 10	3 3	18 27	0 4	19 38	1 14	14 17	1 40	2 15	2 51	15 10	0 44	2 36	2 2	1 24	13 11	23 28	23 31	23 19		n.a.
M18	2 52	6 31	4 53	7 27	3 7	18 13	0s 1	19 27	1 15	14 19	1 40	2 17	2 51	15 9	0 44	2 36	2 2	1 23	13 11	23 29	23 31	23 19		n.a.
T 19	2 29	1 29	5 1	7 42	3 9	17 59	0 5	19 14	1 15	14 21	1 40	2 18	2 51	15 8	0 44	2 35	2 2	1 23	13 10	23 29	23 31	23 19		n.a.
W20	2 5	3n43	4 54	7 53	3 10	17 45	0 9	19 2	1 16	14 23	1 40	2 20	2 51	15 7	0 44	2 34	2 2	1 22	13 10	23 30	23 31	23 19		n.a.
T 21	1 42	8 49	4 30	8 0	3 11	17 30	0 13	18 50	1 16	14 25	1 40	2 22	2 51	15 6	0 44	2 34	2 2	1 22	13 10	23 31	23 32	23 19		n.a.
F 22	1 18	13 36	3 51	8 4	3 9	17 14	0 17	18 37	1 17	14 27	1 39	2 24	2 51	15 5	0 44	2 33	2 2	1 21	13 10	23 31	23 32	23 18		n.a.
S 23	0 55	17 45	2 59	8 4	3 7	16 58	0 21	18 25	1 17	14 29	1 39	2 26	2 51	15 4	0 44	2 32	2 2	1 21	13 10	23 31	23 32	23 18		n.a.
S 24	0 31	20 58	1 56	8 1	3 3	16 42	0 25	18 12	1 18	14 31	1 39	2 28	2 51	15 3	0 44	2 32	2 2	1 20	13 10	23 32	23 32	23 18		n.a.
M25	0 8	22 59	0 45	7 54	2 58	16 25	0 29	17 59	1 18	14 33	1 39	2 29	2 51	15 2	0 44	2 31	2 2	1 19	13 9	23 32	23 32	23 18		n.a.
T 26	0n16	23 35	0n30	7 44	2 51	16 7	0 33	17 45	1 18	14 34	1 39	2 31	2 51	15 2	0 44	2 30	2 3	1 19	13 9	23 32	23 33	23 18		n.a.
W27	0 39	22 38	1 43	7 31	2 43	15 49	0 37	17 32	1 19	14 36	1 39	2 33	2 51	15 1	0 44	2 30	2 3	1 18	13 9	23 32	23 33	23 18		n.a.
T 28	1 2	20 13	2 51	7 15	2 34	15 31	0 40	17 18	1 19	14 38	1 39	2 35	2 51	15 0	0 44	2 29	2 3	1 18	13 9	23 32	23 33	23 17		n.a.
F 29	1 26	16 31	3 47	6 55	2 24	15 12	0 44	17 5	1 20	14 39	1 38	2 37	2 51	14 59	0 44	2 29	2 3	1 17	13 9	23 32	23 33	23 17		n.a.
S 30	1 49	11 51	4 29	6 34	2 12	14 53	0 47	16 51	1 20	14 41	1 38	2 39	2 51	14 58	0 44	2 28	2 3	1 17	13 9	23 33	23 33	23 17		n.a.
S 31	2n12	6n34	4n54	6n10	1n59	14s33	0s51	16s37	1s21	14n42	1n38	2n40	2n51	14s57	0s44	2s27	2n 3	1s16	13s 9	23n33	23n33	23s17		n.a.

Julian Day Number = 1595471.5, Delta T = 04h02m29s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°50'00, Lahiri = - 8°42'59 Julian Calendar 1 March 345 BCE == Greg. Calendar 25 Feb. 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

APRIL 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 19 2	6♈27'06	8♎54	10°R15	24♒55	19♒42	25°R28	29°R46	22♒19	10°R47	28♈21	6°R45	6♋49	21♑40	n.a.	M 1
T 2	12 22 58	7°25'05	22°41	9♈40	26° 3	20°27	25♌24	29♍42	22°21	10♎45	28°22	6♋33	6°46	21°47	n.a.	T 2
W 3	12 26 55	8°23'02	6♏ 7	9° 3	27°12	21°13	25°20	29°38	22°24	10°44	28°24	6°23	6°42	21°53	n.a.	W 3
T 4	12 30 51	9°20'58	19°11	8°25	28°21	21°59	25°16	29°33	22°27	10°42	28°25	6°14	6°39	22° 0	n.a.	T 4
F 5	12 34 48	10°18'52	1♐52	7°47	29°30	22°45	25°12	29°29	22°29	10°41	28°26	6° 8	6°36	22° 7	n.a.	F 5
S 6	12 38 44	11°16'45	14°13	7°10	0♓39	23°30	25° 9	29°24	22°32	10°39	28°28	6° 4	6°33	22°13	n.a.	S 6
S 7	12 42 41	12°14'37	26°19	6°34	1°48	24°16	25° 5	29°20	22°34	10°37	28°29	6° 3	6°30	22°20	n.a.	S 7
M 8	12 46 37	13°12'27	8♑14	6° 0	2°57	25° 2	25° 2	29°16	22°37	10°36	28°30	6° 3	6°26	22°27	n.a.	M 8
T 9	12 50 34	14°10'16	20° 3	5°29	4° 6	25°47	24°59	29°11	22°39	10°34	28°31	6° 3	6°23	22°33	n.a.	T 9
W10	12 54 31	15° 8'03	1♒52	5° 0	5°15	26°33	24°56	29° 7	22°42	10°32	28°33	6° 2	6°20	22°40	n.a.	W10
T 11	12 58 27	16° 5'49	13°46	4°35	6°24	27°18	24°53	29° 3	22°44	10°31	28°34	5°59	6°17	22°47	n.a.	T 11
F 12	13 2 24	17° 3'34	25°50	4°14	7°34	28° 4	24°50	28°59	22°46	10°29	28°35	5°54	6°14	22°53	n.a.	F 12
S 13	13 6 20	18° 1'18	8♓ 8	3°56	8°43	28°49	24°48	28°55	22°49	10°28	28°37	5°46	6°11	23° 0	n.a.	S 13
S 14	13 10 17	18°59'00	20°43	3°43	9°53	29°34	24°46	28°50	22°51	10°26	28°38	5°36	6° 7	23° 7	n.a.	S 14
M15	13 14 13	19°56'41	3♈36	3°34	11° 2	0♓20	24°44	28°46	22°53	10°24	28°39	5°24	6° 4	23°13	n.a.	M15
T 16	13 18 10	20°54'21	16°46	3°D29	12°12	1° 5	24°42	28°42	22°55	10°23	28°41	5°12	6° 1	23°20	n.a.	T 16
W17	13 22 6	21°51'59	0♉13	3°29	13°22	1°50	24°40	28°38	22°57	10°21	28°42	5° 1	5°58	23°26	n.a.	W17
T 18	13 26 3	22°49'36	13°54	3°34	14°32	2°36	24°39	28°34	22°59	10°20	28°44	4°51	5°55	23°33	n.a.	T 18
F 19	13 30 0	23°47'11	27°46	3°43	15°42	3°21	24°37	28°31	23° 2	10°18	28°45	4°44	5°51	23°40	n.a.	F 19
S 20	13 33 56	24°44'45	11♊45	3°57	16°51	4° 6	24°36	28°27	23° 4	10°16	28°46	4°40	5°48	23°46	n.a.	S 20
S 21	13 37 53	25°42'18	25°49	4°15	18° 1	4°51	24°35	28°23	23° 6	10°15	28°48	4°38	5°45	23°53	n.a.	S 21
M22	13 41 49	26°39'49	9♋56	4°38	19°11	5°36	24°34	28°19	23° 7	10°13	28°49	4°D38	5°42	24° 0	n.a.	M22
T 23	13 45 46	27°37'18	24° 4	5° 5	20°22	6°21	24°34	28°16	23° 9	10°12	28°50	4°R38	5°39	24° 6	n.a.	T 23
W24	13 49 42	28°34'47	8♌12	5°36	21°32	7° 6	24°33	28°12	23°11	10°10	28°52	4°38	5°36	24°13	n.a.	W24
T 25	13 53 39	29°32'13	22°19	6°11	22°42	7°51	24°33	28° 9	23°13	10° 9	28°53	4°36	5°32	24°20	n.a.	T 25
F 26	13 57 35	0♉29'38	6♍24	6°50	23°52	8°36	24°D33	28° 5	23°15	10° 7	28°54	4°31	5°29	24°26	n.a.	F 26
S 27	14 1 32	1°27'02	20°23	7°32	25° 2	9°20	24°33	28° 2	23°17	10° 6	28°56	4°25	5°26	24°33	n.a.	S 27
S 28	14 5 29	2°24'24	4♎14	8°19	26°13	10° 5	24°34	27°58	23°18	10° 4	28°57	4°16	5°23	24°40	n.a.	S 28
M29	14 9 25	3°21'45	17°54	9° 9	27°23	10°50	24°34	27°55	23°20	10° 3	28°58	4° 6	5°20	24°46	n.a.	M29
T 30	14 13 22	4♉19'05	1♏19	10♈ 3	28♓34	11♓34	24♌35	27♍52	23♒22	10♎ 1	29♈ 0	3♋56	5♋17	24♑53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n36	1n 1	5n 0	5n43	1n45	14s13	0s54	16s22	1s21	14n43	1n38	2n42	2n51	14s56	0s44	2s27	2n 3	1s15	13s 8	23n34	23n34	23s16		n.a.
T 2	2 59	4s28	4 49	5 16	1 31	13 53	0 57	16 8	1 21	14 45	1 38	2 44	2 51	14 55	0 44	2 26	2 3	1 15	13 8	23 34	23 34	23 16		n.a.
W 3	3 22	9 37	4 22	4 47	1 15	13 32	1 0	15 53	1 22	14 46	1 37	2 46	2 51	14 55	0 44	2 25	2 3	1 14	13 8	23 35	23 34	23 16		n.a.
T 4	3 45	14 12	3 41	4 17	0 59	13 11	1 3	15 39	1 22	14 47	1 37	2 47	2 51	14 54	0 44	2 25	2 3	1 14	13 8	23 35	23 34	23 16		n.a.
F 5	4 8	18 1	2 50	3 46	0 42	12 49	1 6	15 24	1 22	14 48	1 37	2 49	2 51	14 53	0 44	2 24	2 3	1 13	13 8	23 36	23 34	23 15		n.a.
S 6	4 31	20 55	1 53	3 16	0 26	12 27	1 9	15 9	1 23	14 49	1 37	2 51	2 51	14 52	0 44	2 23	2 3	1 13	13 8	23 36	23 34	23 15		n.a.
S 7	4 54	22 50	0 51	2 46	0 9	12 5	1 12	14 54	1 23	14 50	1 37	2 53	2 51	14 51	0 44	2 23	2 3	1 12	13 8	23 36	23 35	23 15		n.a.
M 8	5 17	23 40	0s12	2 17	0s 8	11 42	1 14	14 39	1 24	14 51	1 37	2 54	2 51	14 50	0 44	2 22	2 3	1 12	13 8	23 36	23 35	23 15		n.a.
T 9	5 39	23 26	1 14	1 49	0 25	11 19	1 17	14 24	1 24	14 52	1 36	2 56	2 51	14 50	0 44	2 21	2 3	1 11	13 7	23 36	23 35	23 14		n.a.
W10	6 2	22 8	2 12	1 23	0 42	10 56	1 19	14 8	1 24	14 53	1 36	2 57	2 51	14 49	0 44	2 21	2 3	1 10	13 7	23 36	23 35	23 14		n.a.
T 11	6 24	19 52	3 6	0 58	0 58	10 32	1 22	13 53	1 25	14 54	1 36	2 59	2 51	14 48	0 44	2 20	2 3	1 10	13 7	23 36	23 35	23 14		n.a.
F 12	6 47	16 41	3 52	0 35	1 13	10 8	1 24	13 37	1 25	14 54	1 36	3 1	2 50	14 47	0 44	2 20	2 3	1 9	13 7	23 36	23 35	23 14		n.a.
S 13	7 9	12 45	4 28	0 15	1 28	9 44	1 26	13 21	1 25	14 55	1 35	3 2	2 50	14 47	0 44	2 19	2 3	1 9	13 7	23 37	23 35	23 13		n.a.
S 14	7 31	8 11	4 51	0s 3	1 42	9 19	1 28	13 6	1 25	14 55	1 35	3 4	2 50	14 46	0 44	2 18	2 3	1 8	13 7	23 37	23 36	23 13		n.a.
M15	7 54	3 9	5 1	0 19	1 55	8 54	1 30	12 50	1 26	14 56	1 35	3 5	2 50	14 45	0 44	2 18	2 3	1 8	13 7	23 38	23 36	23 13		n.a.
T 16	8 15	2n 8	4 55	0 32	2 7	8 29	1 32	12 34	1 26	14 56	1 35	3 7	2 50	14 45	0 44	2 17	2 3	1 7	13 7	23 38	23 36	23 12		n.a.
W17	8 37	7 26	4 33	0 42	2 18	8 4	1 34	12 18	1 26	14 57	1 35	3 8	2 50	14 44	0 44	2 16	2 3	1 7	13 7	23 38	23 36	23 12		n.a.
T 18	8 59	12 28	3 55	0 50	2 29	7 38	1 36	12 1	1 27	14 57	1 34	3 10	2 50	14 43	0 44	2 16	2 3	1 6	13 7	23 39	23 36	23 12		n.a.
F 19	9 21	16 57	3 2	0 55	2 38	7 12	1 37	11 45	1 27	14 57	1 34	3 11	2 50	14 43	0 44	2 15	2 3	1 6	13 7	23 39	23 36	23 11		n.a.
S 20	9 42	20 31	1 58	0 57	2 47	6 46	1 39	11 29	1 27	14 57	1 34	3 13	2 50	14 42	0 44	2 15	2 2	1 5	13 7	23 39	23 36	23 11		n.a.
S 21	10 3	22 54	0 47	0 57	2 54	6 20	1 41	11 12	1 27	14 57	1 34	3 14	2 49	14 41	0 45	2 14	2 2	1 5	13 7	23 39	23 37	23 11		n.a.
M22	10 24	23 50	0n28	0 54	3 1	5 53	1 42	10 56	1 28	14 57	1 33	3 16	2 49	14 41	0 45	2 13	2 2	1 4	13 7	23 39	23 37	23 10		n.a.
T 23	10 45	23 14	1 42	0 48	3 6	5 27	1 43	10 39	1 28	14 57	1 33	3 17	2 49	14 40	0 45	2 13	2 2	1 4	13 6	23 39	23 37	23 10		n.a.
W24	11 6	21 9	2 49	0 40	3 11	5 0	1 44	10 22	1 28	14 57	1 33	3 18	2 49	14 40	0 45	2 12	2 2	1 3	13 6	23 39	23 37	23 9		n.a.
T 25	11 27	17 47	3 46	0 30	3 15	4 33	1 46	10 6	1 28	14 57	1 33	3 19	2 49	14 39	0 45	2 12	2 2	1 3	13 6	23 39	23 37	23 9		n.a.
F 26	11 47	13 25	4 28	0 17	3 18	4 5	1 47	9 49	1 28	14 57	1 32	3 21	2 49	14 38	0 45	2 11	2 2	1 2	13 6	23 40	23 37	23 9		n.a.
S 27	12 7	8 22	4 55	0 1	3 20	3 38	1 47	9 32	1 29	14 57	1 32	3 22	2 49	14 38	0 45	2 10	2 2	1 2	13 6	23 40	23 37	23 8		n.a.
S 28	12 28	2 56	5 4	0n16	3 21	3 11	1 48	9 15	1 29	14 56	1 32	3 23	2 48	14 37	0 45	2 10	2 2	1 1	13 6	23 40	23 38	23 8		n.a.
M29	12 47	2s34	4 55	0 36	3 21	2 43	1 49	8 58	1 29	14 56	1 32	3 24	2 48	14 37	0 45	2 9	2 2	1 1	13 6	23 40	23 38	23 8		n.a.
T 30	13n 7	7s51	4n30	0n57	3s21	2s15	1s50	8s41	1s29	14n56	1n32	3n25	2n48	14s36	0s45	2s 9	2n 2	1s 0	13s 6	23n41	23n38	23s 7		n.a.

Julian Day Number = 1595502.5, Delta T = 04h02m28s
Ecliptic obliquity = 23°44'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'56, Lahiri = - 8°42'55 Julian Calendar 1 Apr. 345 BCE == Greg. Calendar 27 March 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

MAY 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 17 18	5♉16'24	14♏28	11♈ 0	29♓44	12♓19	24♌36	27°R49	23♒23	10°R 0	29♈ 1	3°R47	5♋13	25♑ 0	n.a.	W 1
T 2	14 21 15	6°13'43	27°19	12° 1	0♈55	13° 3	24°37	27♍46	23°25	9♎58	29° 3	3♋40	5°10	25° 6	n.a.	T 2
F 3	14 25 11	7°11'00	9♐52	13° 5	2° 5	13°48	24°38	27°43	23°26	9°57	29° 4	3°35	5° 7	25°13	n.a.	F 3
S 4	14 29 8	8° 8'17	22° 9	14°12	3°16	14°32	24°39	27°40	23°28	9°56	29° 5	3°33	5° 4	25°20	n.a.	S 4
S 5	14 33 4	9° 5'33	4♑13	15°22	4°27	15°16	24°41	27°37	23°29	9°54	29° 7	3°D32	5° 1	25°26	n.a.	S 5
M 6	14 37 1	10° 2'48	16° 7	16°36	5°37	16° 1	24°43	27°34	23°30	9°53	29° 8	3°33	4°57	25°33	n.a.	M 6
T 7	14 40 58	11° 0'03	27°57	17°52	6°48	16°45	24°44	27°32	23°32	9°52	29° 9	3°34	4°54	25°40	n.a.	T 7
W 8	14 44 54	11°57'18	9♒47	19°12	7°59	17°29	24°47	27°29	23°33	9°50	29°11	3°R34	4°51	25°46	n.a.	W 8
T 9	14 48 51	12°54'32	21°42	20°34	9°10	18°13	24°49	27°27	23°34	9°49	29°12	3°34	4°48	25°53	n.a.	T 9
F 10	14 52 47	13°51'45	3♓48	22° 0	10°21	18°57	24°51	27°24	23°35	9°48	29°13	3°32	4°45	26° 0	n.a.	F 10
S 11	14 56 44	14°48'58	16° 9	23°28	11°32	19°41	24°54	27°22	23°36	9°46	29°15	3°28	4°42	26° 6	n.a.	S 11
S 12	15 0 40	15°46'10	28°49	24°59	12°43	20°25	24°57	27°20	23°37	9°45	29°16	3°22	4°38	26°13	n.a.	S 12
M13	15 4 37	16°43'23	11♈51	26°33	13°54	21° 9	25° 0	27°17	23°39	9°44	29°17	3°15	4°35	26°20	n.a.	M13
T 14	15 8 33	17°40'34	25°14	28°10	15° 5	21°53	25° 3	27°15	23°39	9°43	29°19	3° 7	4°32	26°26	n.a.	T 14
W15	15 12 30	18°37'46	8♉59	29°50	16°16	22°36	25° 6	27°13	23°40	9°41	29°20	3° 0	4°29	26°33	n.a.	W15
T 16	15 16 27	19°34'57	23° 1	1♊32	17°27	23°20	25° 9	27°11	23°41	9°40	29°21	2°54	4°26	26°39	n.a.	T 16
F 17	15 20 23	20°32'07	7♊17	3°18	18°39	24° 4	25°13	27°10	23°42	9°39	29°22	2°50	4°23	26°46	n.a.	F 17
S 18	15 24 20	21°29'17	21°42	5° 6	19°50	24°47	25°17	27° 8	23°43	9°38	29°24	2°48	4°19	26°53	n.a.	S 18
S 19	15 28 16	22°26'27	6♋10	6°56	21° 1	25°31	25°21	27° 6	23°44	9°37	29°25	2°D47	4°16	26°59	n.a.	S 19
M20	15 32 13	23°23'36	20°36	8°49	22°13	26°14	25°25	27° 5	23°44	9°36	29°26	2°48	4°13	27° 6	n.a.	M20
T 21	15 36 9	24°20'44	4♌57	10°45	23°24	26°57	25°29	27° 3	23°45	9°35	29°27	2°50	4°10	27°13	n.a.	T 21
W22	15 40 6	25°17'51	19°10	12°43	24°35	27°40	25°34	27° 2	23°46	9°34	29°29	2°R51	4° 7	27°19	n.a.	W22
T 23	15 44 2	26°14'58	3♍13	14°43	25°47	28°24	25°38	27° 1	23°46	9°33	29°30	2°50	4° 3	27°26	n.a.	T 23
F 24	15 47 59	27°12'05	17° 6	16°46	26°58	29° 7	25°43	26°59	23°47	9°32	29°31	2°49	4° 0	27°33	n.a.	F 24
S 25	15 51 56	28° 9'11	0♎47	18°50	28°10	29°50	25°48	26°58	23°47	9°31	29°32	2°46	3°57	27°39	n.a.	S 25
S 26	15 55 52	29° 6'16	14°15	20°56	29°22	0♈32	25°53	26°57	23°48	9°30	29°34	2°42	3°54	27°46	n.a.	S 26
M27	15 59 49	0♊ 3'21	27°30	23° 3	0♉33	1°15	25°58	26°56	23°48	9°29	29°35	2°37	3°51	27°53	n.a.	M27
T 28	16 3 45	1° 0'26	10♏32	25°11	1°45	1°58	26° 3	26°56	23°48	9°28	29°36	2°32	3°48	27°59	n.a.	T 28
W29	16 7 42	1°57'31	23°19	27°21	2°57	2°41	26° 9	26°55	23°49	9°27	29°37	2°27	3°44	28° 6	n.a.	W29
T 30	16 11 38	2°54'36	5♐53	29°31	4° 8	3°23	26°14	26°54	23°49	9°27	29°38	2°23	3°41	28°13	n.a.	T 30
F 31	16 15 35	3♊51'40	18♐13	1♊41	5♉20	4♈ 6	26♌20	26♍54	23♒49	9♎26	29♈40	2♋21	3♋38	28♑19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	13n27	12s42	3n51	1n21	3s20	1s47	1s50	8s24	1s29	14n55	1n31	3n26	2n48	14s36	0s45	2s 8	2n 2	1s 0	13s 6	23n41	23n38	23s 7			n.a.
T 2	13 46	16 52	3 1	1 47	3 18	1 19	1 51	8 7	1 29	14 54	1 31	3 28	2 48	14 35	0 45	2 8	2 2	0 59	13 6	23 41	23 38	23 6			n.a.
F 3	14 5	20 10	2 4	2 14	3 15	0 51	1 51	7 49	1 30	14 54	1 31	3 29	2 48	14 35	0 45	2 7	2 2	0 59	13 6	23 41	23 38	23 6			n.a.
S 4	14 24	22 29	1 1	2 44	3 12	0 23	1 52	7 32	1 30	14 53	1 31	3 30	2 47	14 34	0 45	2 7	2 2	0 58	13 6	23 41	23 38	23 5			n.a.
S 5	14 42	23 44	0s 4	3 15	3 8	0n 5	1 52	7 15	1 30	14 52	1 30	3 31	2 47	14 34	0 45	2 6	2 2	0 58	13 6	23 41	23 38	23 5			n.a.
M 6	15 1	23 52	1 7	3 47	3 3	0 33	1 52	6 58	1 30	14 52	1 30	3 31	2 47	14 34	0 45	2 6	2 2	0 57	13 6	23 41	23 39	23 5			n.a.
T 7	15 19	22 55	2 8	4 22	2 58	1 1	1 52	6 40	1 30	14 51	1 30	3 32	2 47	14 33	0 45	2 5	2 2	0 57	13 6	23 41	23 39	23 4			n.a.
W 8	15 37	20 57	3 3	4 58	2 52	1 30	1 52	6 23	1 30	14 50	1 30	3 33	2 47	14 33	0 45	2 5	2 2	0 57	13 6	23 41	23 39	23 4			n.a.
T 9	15 54	18 4	3 50	5 35	2 45	1 58	1 52	6 6	1 30	14 49	1 29	3 34	2 46	14 32	0 45	2 4	2 2	0 56	13 6	23 41	23 39	23 3			n.a.
F 10	16 12	14 23	4 28	6 14	2 38	2 26	1 52	5 48	1 30	14 48	1 29	3 35	2 46	14 32	0 45	2 4	2 2	0 56	13 6	23 41	23 39	23 3			n.a.
S 11	16 29	10 2	4 54	6 54	2 30	2 54	1 51	5 31	1 30	14 47	1 29	3 36	2 46	14 32	0 45	2 3	2 2	0 55	13 7	23 41	23 39	23 2			n.a.
S 12	16 46	5 10	5 7	7 35	2 22	3 23	1 51	5 13	1 30	14 45	1 29	3 36	2 46	14 31	0 45	2 3	2 2	0 55	13 7	23 42	23 39	23 2			n.a.
M13	17 2	0n 4	5 5	8 18	2 14	3 51	1 51	4 56	1 30	14 44	1 28	3 37	2 45	14 31	0 45	2 2	2 2	0 54	13 7	23 42	23 39	23 1			n.a.
T 14	17 19	5 27	4 46	9 1	2 5	4 19	1 50	4 39	1 30	14 43	1 28	3 38	2 45	14 31	0 45	2 2	2 2	0 54	13 7	23 42	23 39	23 1			n.a.
W15	17 35	10 43	4 10	9 45	1 55	4 47	1 50	4 21	1 31	14 42	1 28	3 38	2 45	14 31	0 45	2 1	2 2	0 54	13 7	23 42	23 40	23 0			n.a.
T 16	17 51	15 33	3 19	10 31	1 45	5 16	1 49	4 4	1 31	14 40	1 28	3 39	2 45	14 30	0 45	2 1	2 2	0 53	13 7	23 42	23 40	23 0			n.a.
F 17	18 6	19 36	2 14	11 17	1 35	5 44	1 48	3 46	1 31	14 39	1 27	3 39	2 45	14 30	0 45	2 1	2 2	0 53	13 7	23 42	23 40	22 59			n.a.
S 18	18 22	22 29	1 0	12 3	1 24	6 12	1 47	3 29	1 31	14 37	1 27	3 40	2 44	14 30	0 46	2 0	2 2	0 53	13 7	23 42	23 40	22 59			n.a.
S 19	18 37	23 54	0n18	12 50	1 14	6 39	1 47	3 11	1 31	14 36	1 27	3 40	2 44	14 30	0 46	2 0	2 2	0 52	13 7	23 42	23 40	22 58			n.a.
M20	18 51	23 42	1 35	13 38	1 3	7 7	1 46	2 54	1 31	14 34	1 27	3 41	2 44	14 29	0 46	1 59	2 2	0 52	13 7	23 42	23 40	22 58			n.a.
T 21	19 5	21 57	2 46	14 25	0 51	7 35	1 45	2 36	1 30	14 32	1 26	3 41	2 44	14 29	0 46	1 59	2 1	0 51	13 7	23 42	23 40	22 57			n.a.
W22	19 20	18 50	3 46	15 13	0 40	8 2	1 44	2 19	1 30	14 31	1 26	3 41	2 43	14 29	0 46	1 59	2 1	0 51	13 7	23 42	23 40	22 57			n.a.
T 23	19 33	14 39	4 31	16 0	0 29	8 30	1 42	2 2	1 30	14 29	1 26	3 42	2 43	14 29	0 46	1 58	2 1	0 51	13 7	23 42	23 40	22 56			n.a.
F 24	19 47	9 45	5 0	16 46	0 18	8 57	1 41	1 44	1 30	14 27	1 26	3 42	2 43	14 29	0 46	1 58	2 1	0 50	13 7	23 42	23 41	22 56			n.a.
S 25	20 0	4 26	5 11	17 32	0 7	9 24	1 40	1 27	1 30	14 25	1 26	3 42	2 43	14 29	0 46	1 58	2 1	0 50	13 7	23 42	23 41	22 55			n.a.
S 26	20 12	1s 0	5 5	18 17	0n 4	9 51	1 39	1 10	1 30	14 23	1 25	3 42	2 42	14 29	0 46	1 57	2 1	0 50	13 8	23 43	23 41	22 55			n.a.
M27	20 25	6 19	4 43	19 1	0 15	10 18	1 37	0 52	1 30	14 21	1 25	3 42	2 42	14 28	0 46	1 57	2 1	0 49	13 8	23 43	23 41	22 54			n.a.
T 28	20 37	11 16	4 6	19 43	0 26	10 44	1 36	0 35	1 30	14 19	1 25	3 42	2 42	14 28	0 46	1 57	2 1	0 49	13 8	23 43	23 41	22 53			n.a.
W29	20 49	15 39	3 18	20 23	0 36	11 10	1 34	0 18	1 30	14 17	1 25	3 42	2 42	14 28	0 46	1 56	2 1	0 49	13 8	23 43	23 41	22 53			n.a.
T 30	21 0	19 15	2 20	21 2	0 45	11 36	1 33	0 0	1 30	14 15	1 24	3 43	2 41	14 28	0 46	1 56	2 1	0 49	13 8	23 43	23 41	22 52			n.a.
F 31	21n11	21s56	1n17	21n39	0n54	12n 2	1s31	0n17	1s30	14n13	1n24	3n42	2n41	14s28	0s46	1s56	2n 1	0s48	13s 8	23n43	23n41	22s52			n.a.

Julian Day Number = 1595532.5, Delta T = 04h02m27s
Ecliptic obliquity = 23°44'13, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'52, Lahiri = - 8°42'51 Julian Calendar 1 May 345 BCE == Greg. Calendar 26 Apr. 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

JUNE 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 32	4♊48'45	0♉22	3♊52	6♉32	4♈48	26♌26	26°R53	23♒49	9°R25	29♈41	2°D20	3♋35	28♉26	n.a.	S 1
S 2	16 23 28	5°45'50	12°20	6° 2	7°44	5°31	26°32	26♍53	23°49	9♎24	29°42	2♋21	3°32	28°33	n.a.	S 2
M 3	16 27 25	6°42'56	24°12	8°12	8°56	6°13	26°38	26°53	23°R49	9°24	29°43	2°22	3°29	28°39	n.a.	M 3
T 4	16 31 21	7°40'01	6♒ 1	10°21	10° 8	6°55	26°45	26°53	23°49	9°23	29°44	2°24	3°25	28°46	n.a.	T 4
W 5	16 35 18	8°37'07	17°51	12°29	11°20	7°37	26°51	26°D53	23°49	9°22	29°45	2°25	3°22	28°53	n.a.	W 5
T 6	16 39 14	9°34'14	29°47	14°36	12°32	8°19	26°58	26°53	23°49	9°22	29°46	2°26	3°19	28°59	n.a.	T 6
F 7	16 43 11	10°31'21	11♓52	16°41	13°44	9° 1	27° 5	26°53	23°49	9°21	29°47	2°R27	3°16	29° 6	n.a.	F 7
S 8	16 47 7	11°28'28	24°13	18°46	14°56	9°43	27°11	26°53	23°49	9°20	29°48	2°26	3°13	29°13	n.a.	S 8
S 9	16 51 4	12°25'36	6♈53	20°49	16° 8	10°25	27°18	26°54	23°48	9°20	29°49	2°25	3° 9	29°19	n.a.	S 9
M10	16 55 1	13°22'45	19°56	22°50	17°20	11° 6	27°26	26°54	23°48	9°19	29°51	2°23	3° 6	29°26	n.a.	M10
T 11	16 58 57	14°19'54	3♉23	24°49	18°33	11°48	27°33	26°55	23°48	9°19	29°52	2°20	3° 3	29°33	n.a.	T 11
W12	17 2 54	15°17'04	17°15	26°47	19°45	12°29	27°40	26°55	23°47	9°18	29°53	2°18	3° 0	29°39	n.a.	W12
T 13	17 6 50	16°14'14	1♊30	28°43	20°57	13°11	27°48	26°56	23°47	9°18	29°54	2°16	2°57	29°46	n.a.	T 13
F 14	17 10 47	17°11'25	16° 4	0♋38	22°10	13°52	27°55	26°57	23°46	9°18	29°55	2°15	2°54	29°53	n.a.	F 14
S 15	17 14 43	18° 8'37	0♋50	2°30	23°22	14°33	28° 3	26°58	23°46	9°17	29°56	2°D14	2°50	29°59	n.a.	S 15
S 16	17 18 40	19° 5'49	15°42	4°21	24°35	15°14	28°11	26°59	23°45	9°17	29°56	2°15	2°47	0♒ 6	n.a.	S 16
M17	17 22 36	20° 3'01	0♌32	6°10	25°47	15°55	28°19	27° 0	23°44	9°17	29°57	2°15	2°44	0°13	n.a.	M17
T 18	17 26 33	21° 0'14	15°13	7°57	27° 0	16°36	28°27	27° 1	23°44	9°16	29°58	2°16	2°41	0°19	n.a.	T 18
W19	17 30 30	21°57'28	29°40	9°42	28°12	17°17	28°36	27° 2	23°43	9°16	29°59	2°17	2°38	0°26	n.a.	W19
T 20	17 34 26	22°54'41	13♍50	11°26	29°25	17°57	28°44	27° 4	23°42	9°16	0♉ 0	2°17	2°34	0°33	n.a.	T 20
F 21	17 38 23	23°51'55	27°41	13° 7	0♊37	18°38	28°52	27° 5	23°41	9°16	0° 1	2°R18	2°31	0°39	n.a.	F 21
S 22	17 42 19	24°49'09	11♎13	14°47	1°50	19°18	29° 1	27° 7	23°41	9°16	0° 2	2°17	2°28	0°46	n.a.	S 22
S 23	17 46 16	25°46'24	24°26	16°25	3° 3	19°59	29°10	27° 9	23°40	9°16	0° 3	2°17	2°25	0°53	n.a.	S 23
M24	17 50 12	26°43'39	7♏23	18° 1	4°15	20°39	29°19	27°11	23°39	9°16	0° 4	2°16	2°22	0°59	n.a.	M24
T 25	17 54 9	27°40'55	20° 5	19°36	5°28	21°19	29°28	27°12	23°38	9°16	0° 4	2°15	2°19	1° 6	n.a.	T 25
W26	17 58 5	28°38'12	2♐33	21° 8	6°41	21°59	29°37	27°14	23°37	9°D16	0° 5	2°15	2°15	1°13	n.a.	W26
T 27	18 2 2	29°35'30	14°50	22°39	7°54	22°39	29°46	27°17	23°36	9°16	0° 6	2°15	2°12	1°19	n.a.	T 27
F 28	18 5 59	0♋32'48	26°57	24° 8	9° 7	23°19	29°55	27°19	23°34	9°16	0° 7	2°D15	2° 9	1°26	n.a.	F 28
S 29	18 9 55	1°30'07	8♉56	25°35	10°20	23°58	0♍ 4	27°21	23°33	9°16	0° 7	2°15	2° 6	1°33	n.a.	S 29
S 30	18 13 52	2♋27'28	20♉50	27♋ 0	11♊33	24♈38	0♍14	27♍23	23♒32	9♎16	0♉ 8	2°R15	2♋ 3	1♒39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n22	23s33	0n11	22n13	1n 3	12n28	1s29	0n34	1s30	14n10	1n24	3n42	2n41	14s28	0s46	1s56	2n 1	0s48	13s 8	23n43	23n41	22s51		n.a.
S 2	21 32	24 4	0s55	22 45	1 11	12 53	1 28	0 51	1 29	14 8	1 24	3 42	2 41	14 28	0 46	1 55	2 1	0 48	13 8	23 43	23 41	22 50		n.a.
M 3	21 42	23 28	1 57	23 14	1 18	13 18	1 26	1 8	1 29	14 6	1 24	3 42	2 40	14 28	0 46	1 55	2 1	0 48	13 9	23 43	23 41	22 50		n.a.
T 4	21 52	21 49	2 55	23 41	1 25	13 43	1 24	1 25	1 29	14 3	1 23	3 42	2 40	14 28	0 46	1 55	2 1	0 47	13 9	23 43	23 42	22 49		n.a.
W 5	22 1	19 14	3 45	24 5	1 31	14 7	1 22	1 42	1 29	14 1	1 23	3 42	2 40	14 28	0 46	1 55	2 1	0 47	13 9	23 43	23 42	22 49		n.a.
T 6	22 10	15 50	4 26	24 26	1 36	14 31	1 20	1 59	1 29	13 58	1 23	3 41	2 40	14 28	0 46	1 55	2 1	0 47	13 9	23 43	23 42	22 48		n.a.
F 7	22 18	11 44	4 56	24 44	1 41	14 55	1 18	2 16	1 29	13 56	1 23	3 41	2 39	14 29	0 46	1 54	2 1	0 47	13 9	23 43	23 42	22 47		n.a.
S 8	22 26	7 5	5 12	25 0	1 45	15 19	1 16	2 32	1 28	13 53	1 23	3 41	2 39	14 29	0 46	1 54	2 1	0 46	13 9	23 43	23 42	22 47		n.a.
S 9	22 34	2 2	5 15	25 13	1 48	15 42	1 14	2 49	1 28	13 51	1 22	3 40	2 39	14 29	0 46	1 54	2 0	0 46	13 9	23 43	23 42	22 46		n.a.
M10	22 41	3n15	5 1	25 23	1 51	16 4	1 12	3 6	1 28	13 48	1 22	3 40	2 39	14 29	0 46	1 54	2 0	0 46	13 10	23 43	23 42	22 45		n.a.
T 11	22 48	8 33	4 31	25 30	1 52	16 27	1 10	3 23	1 28	13 45	1 22	3 40	2 38	14 29	0 46	1 54	2 0	0 46	13 10	23 43	23 42	22 45		n.a.
W12	22 55	13 37	3 44	25 35	1 54	16 49	1 7	3 39	1 28	13 42	1 22	3 39	2 38	14 29	0 47	1 54	2 0	0 45	13 10	23 43	23 42	22 44		n.a.
T 13	23 1	18 4	2 42	25 38	1 54	17 10	1 5	3 56	1 27	13 40	1 22	3 39	2 38	14 29	0 47	1 53	2 0	0 45	13 10	23 43	23 42	22 43		n.a.
F 14	23 7	21 32	1 28	25 38	1 54	17 31	1 3	4 12	1 27	13 37	1 21	3 38	2 38	14 30	0 47	1 53	2 0	0 45	13 10	23 43	23 42	22 43		n.a.
S 15	23 12	23 36	0 8	25 36	1 53	17 52	1 1	4 28	1 27	13 34	1 21	3 37	2 37	14 30	0 47	1 53	2 0	0 45	13 10	23 43	23 42	22 42		n.a.
S 16	23 17	24 1	1n14	25 31	1 52	18 13	0 58	4 45	1 27	13 31	1 21	3 37	2 37	14 30	0 47	1 53	2 0	0 45	13 11	23 43	23 42	22 41		n.a.
M17	23 22	22 44	2 30	25 25	1 50	18 32	0 56	5 1	1 26	13 28	1 21	3 36	2 37	14 30	0 47	1 53	2 0	0 45	13 11	23 43	23 42	22 41		n.a.
T 18	23 26	19 55	3 36	25 17	1 47	18 52	0 53	5 17	1 26	13 25	1 21	3 35	2 37	14 31	0 47	1 53	2 0	0 44	13 11	23 43	23 43	22 40		n.a.
W19	23 29	15 54	4 27	25 6	1 44	19 11	0 51	5 33	1 26	13 22	1 20	3 34	2 36	14 31	0 47	1 53	2 0	0 44	13 11	23 43	23 43	22 39		n.a.
T 20	23 33	11 3	5 1	24 54	1 40	19 29	0 49	5 49	1 25	13 19	1 20	3 34	2 36	14 31	0 47	1 53	2 0	0 44	13 11	23 43	23 43	22 39		n.a.
F 21	23 36	5 45	5 16	24 41	1 36	19 47	0 46	6 5	1 25	13 15	1 20	3 33	2 36	14 32	0 47	1 53	2 0	0 44	13 11	23 43	23 43	22 38		n.a.
S 22	23 38	0 19	5 13	24 25	1 32	20 4	0 44	6 21	1 25	13 12	1 20	3 32	2 35	14 32	0 47	1 53	2 0	0 44	13 12	23 43	23 43	22 37		n.a.
S 23	23 40	5s 2	4 54	24 9	1 27	20 21	0 41	6 36	1 24	13 9	1 20	3 31	2 35	14 32	0 47	1 53	2 0	0 44	13 12	23 43	23 43	22 36		n.a.
M24	23 42	10 3	4 20	23 51	1 21	20 38	0 39	6 52	1 24	13 6	1 20	3 30	2 35	14 33	0 47	1 53	2 0	0 44	13 12	23 43	23 43	22 36		n.a.
T 25	23 43	14 34	3 33	23 31	1 15	20 53	0 36	7 7	1 24	13 2	1 19	3 29	2 35	14 33	0 47	1 53	1 59	0 44	13 12	23 43	23 43	22 35		n.a.
W26	23 44	18 21	2 38	23 11	1 9	21 9	0 33	7 23	1 23	12 59	1 19	3 28	2 34	14 33	0 47	1 53	1 59	0 44	13 12	23 43	23 43	22 34		n.a.
T 27	23 44	21 17	1 35	22 49	1 2	21 23	0 31	7 38	1 23	12 56	1 19	3 27	2 34	14 34	0 47	1 53	1 59	0 44	13 13	23 43	23 43	22 33		n.a.
F 28	23 44	23 13	0 29	22 27	0 55	21 37	0 28	7 53	1 23	12 52	1 19	3 26	2 34	14 34	0 47	1 53	1 59	0 43	13 13	23 43	23 43	22 33		n.a.
S 29	23 44	24 3	0s37	22 4	0 47	21 51	0 26	8 9	1 22	12 49	1 19	3 25	2 34	14 35	0 47	1 53	1 59	0 43	13 13	23 43	23 43	22 32		n.a.
S 30	23n43	23s46	1s41	21n39	0n39	22n 4	0s23	8n24	1s22	12n45	1n19	3n24	2n33	14s35	0s47	1s54	1n59	0s43	13s13	23n43	23n43	22s31		n.a.

Julian Day Number = 1595563.5, Delta T = 04h02m26s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'47, Lahiri = - 8°42'47 Julian Calendar 1 June 345 BCE == Greg. Calendar 27 May 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

JULY 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 17 48	3♋24'49	2♒39	28♋24	12♊46	25♈17	0♍23	27♍26	23°R31	9♎16	0♉ 9	2°R15	2♋ 0	1♒46	n.a.	M 1
T 2	18 21 45	4°22'12	14°28	29°45	13°59	25°57	0°33	27°28	23♒29	9°16	0°10	2♋14	1°56	1°53	n.a.	T 2
W 3	18 25 41	5°19'36	26°19	1♌ 5	15°12	26°36	0°43	27°31	23°28	9°16	0°10	2°14	1°53	1°59	n.a.	W 3
T 4	18 29 38	6°17'01	8♓15	2°22	16°25	27°15	0°52	27°34	23°27	9°17	0°11	2°14	1°50	2° 6	n.a.	T 4
F 5	18 33 35	7°14'27	20°21	3°37	17°38	27°54	1° 2	27°36	23°25	9°17	0°12	2°13	1°47	2°13	n.a.	F 5
S 6	18 37 31	8°11'55	2♈40	4°50	18°51	28°33	1°12	27°39	23°24	9°17	0°12	2°D13	1°44	2°19	n.a.	S 6
S 7	18 41 28	9° 9'24	15°17	6° 1	20° 5	29°11	1°22	27°42	23°22	9°18	0°13	2°13	1°40	2°26	n.a.	S 7
M 8	18 45 24	10° 6'55	28°15	7°10	21°18	29°50	1°33	27°45	23°21	9°18	0°13	2°13	1°37	2°33	n.a.	M 8
T 9	18 49 21	11° 4'27	11♉38	8°17	22°31	0♉28	1°43	27°48	23°19	9°18	0°14	2°14	1°34	2°39	n.a.	T 9
W10	18 53 17	12° 2'01	25°27	9°20	23°45	1° 7	1°53	27°52	23°18	9°19	0°14	2°15	1°31	2°46	n.a.	W10
T 11	18 57 14	12°59'37	9♊42	10°22	24°58	1°45	2° 4	27°55	23°16	9°19	0°15	2°16	1°28	2°53	n.a.	T 11
F 12	19 1 10	13°57'14	24°21	11°21	26°12	2°23	2°14	27°58	23°14	9°20	0°15	2°16	1°25	2°59	n.a.	F 12
S 13	19 5 7	14°54'52	9♋18	12°16	27°25	3° 1	2°25	28° 2	23°13	9°20	0°16	2°R16	1°21	3° 6	n.a.	S 13
S 14	19 9 4	15°52'32	24°25	13° 9	28°39	3°39	2°35	28° 5	23°11	9°21	0°16	2°15	1°18	3°13	n.a.	S 14
M15	19 13 0	16°50'14	9♌34	13°59	29°52	4°16	2°46	28° 9	23° 9	9°22	0°17	2°14	1°15	3°19	n.a.	M15
T 16	19 16 57	17°47'56	24°35	14°46	1♍ 6	4°54	2°57	28°13	23° 7	9°22	0°17	2°12	1°12	3°26	n.a.	T 16
W17	19 20 53	18°45'40	9♍20	15°29	2°20	5°31	3° 8	28°17	23° 5	9°23	0°18	2°10	1° 9	3°33	n.a.	W17
T 18	19 24 50	19°43'25	23°42	16° 8	3°33	6° 8	3°19	28°20	23° 4	9°24	0°18	2° 9	1° 6	3°39	n.a.	T 18
F 19	19 28 46	20°41'11	7♎40	16°43	4°47	6°46	3°30	28°24	23° 2	9°24	0°18	2° 7	1° 2	3°46	n.a.	F 19
S 20	19 32 43	21°38'59	21°13	17°15	6° 1	7°22	3°41	28°28	23° 0	9°25	0°19	2°D 7	0°59	3°53	n.a.	S 20
S 21	19 36 39	22°36'47	4♏21	17°42	7°15	7°59	3°52	28°33	22°58	9°26	0°19	2° 7	0°56	3°59	n.a.	S 21
M22	19 40 36	23°34'37	17° 8	18° 4	8°29	8°36	4° 4	28°37	22°56	9°27	0°19	2° 8	0°53	4° 6	n.a.	M22
T 23	19 44 33	24°32'29	29°38	18°22	9°43	9°12	4°15	28°41	22°54	9°28	0°20	2°10	0°50	4°13	n.a.	T 23
W24	19 48 29	25°30'22	11♐53	18°34	10°56	9°48	4°26	28°45	22°52	9°28	0°20	2°11	0°46	4°19	n.a.	W24
T 25	19 52 26	26°28'16	23°57	18°41	12°10	10°24	4°38	28°50	22°50	9°29	0°20	2°13	0°43	4°26	n.a.	T 25
F 26	19 56 22	27°26'12	5♑54	18°R43	13°24	11° 0	4°49	28°54	22°48	9°30	0°20	2°R13	0°40	4°33	n.a.	F 26
S 27	20 0 19	28°24'10	17°46	18°38	14°38	11°36	5° 1	28°59	22°45	9°31	0°21	2°12	0°37	4°39	n.a.	S 27
S 28	20 4 15	29°22'09	29°36	18°28	15°52	12°12	5°13	29° 3	22°43	9°32	0°21	2° 9	0°34	4°46	n.a.	S 28
M29	20 8 12	0♌20'10	11♒25	18°12	17° 7	12°47	5°24	29° 8	22°41	9°33	0°21	2° 6	0°31	4°53	n.a.	M29
T 30	20 12 8	1°18'12	23°16	17°49	18°21	13°23	5°36	29°13	22°39	9°34	0°21	2° 1	0°27	4°59	n.a.	T 30
W31	20 16 5	2♌16'17	5♓10	17♌21	19♋35	13♉58	5♍48	29♍18	22♒37	9♎35	0♉21	1♋56	0♋24	5♒ 6	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n42	22s25	2s41	21n15	0n31	22n16	0s21	8n38	1s21	12n42	1n18	3n22	2n33	14s35	0s47	1s54	1n59	0s43	13s13	23n43	23n43	22s30			n.a.
T 2	23 40	20 6	3 34	20 49	0 22	22 28	0 18	8 53	1 21	12 38	1 18	3 21	2 33	14 36	0 47	1 54	1 59	0 43	13 14	23 43	23 43	22 30			n.a.
W 3	23 38	16 55	4 17	20 23	0 14	22 39	0 15	9 8	1 20	12 34	1 18	3 20	2 33	14 36	0 47	1 54	1 59	0 43	13 14	23 43	23 43	22 29			n.a.
T 4	23 35	13 3	4 50	19 57	0 4	22 49	0 13	9 23	1 20	12 31	1 18	3 18	2 32	14 37	0 47	1 54	1 59	0 43	13 14	23 43	23 43	22 28			n.a.
F 5	23 32	8 37	5 11	19 30	0s 5	22 59	0 10	9 37	1 20	12 27	1 18	3 17	2 32	14 37	0 47	1 54	1 59	0 43	13 14	23 43	23 43	22 27			n.a.
S 6	23 29	3 46	5 17	19 3	0 15	23 8	0 8	9 52	1 19	12 23	1 18	3 16	2 32	14 38	0 47	1 55	1 59	0 43	13 15	23 43	23 44	22 26			n.a.
S 7	23 25	1n20	5 9	18 36	0 25	23 17	0 5	10 6	1 19	12 19	1 17	3 14	2 32	14 38	0 47	1 55	1 59	0 43	13 15	23 43	23 44	22 26			n.a.
M 8	23 21	6 33	4 45	18 9	0 35	23 24	0 2	10 20	1 18	12 16	1 17	3 13	2 31	14 39	0 47	1 55	1 59	0 43	13 15	23 43	23 44	22 25			n.a.
T 9	23 16	11 37	4 5	17 42	0 45	23 32	0n 0	10 34	1 18	12 12	1 17	3 11	2 31	14 40	0 47	1 55	1 59	0 43	13 15	23 43	23 44	22 24			n.a.
W10	23 11	16 17	3 10	17 15	0 56	23 38	0 3	10 48	1 17	12 8	1 17	3 10	2 31	14 40	0 47	1 55	1 59	0 43	13 15	23 43	23 44	22 23			n.a.
T 11	23 6	20 10	2 2	16 48	1 6	23 44	0 5	11 2	1 17	12 4	1 17	3 8	2 31	14 41	0 48	1 56	1 58	0 43	13 16	23 43	23 44	22 22			n.a.
F 12	23 0	22 53	0 44	16 21	1 17	23 49	0 8	11 16	1 16	12 0	1 17	3 7	2 31	14 41	0 48	1 56	1 58	0 43	13 16	23 43	23 44	22 21			n.a.
S 13	22 53	24 3	0n39	15 55	1 28	23 53	0 10	11 29	1 16	11 56	1 17	3 5	2 30	14 42	0 48	1 56	1 58	0 43	13 16	23 43	23 44	22 21			n.a.
S 14	22 47	23 28	2 0	15 29	1 39	23 57	0 13	11 43	1 15	11 52	1 16	3 4	2 30	14 42	0 48	1 56	1 58	0 44	13 16	23 43	23 44	22 20			n.a.
M15	22 40	21 10	3 12	15 4	1 51	23 59	0 15	11 56	1 14	11 48	1 16	3 2	2 30	14 43	0 48	1 57	1 58	0 44	13 17	23 43	23 44	22 19			n.a.
T 16	22 32	17 25	4 11	14 40	2 2	24 2	0 18	12 9	1 14	11 44	1 16	3 0	2 30	14 44	0 48	1 57	1 58	0 44	13 17	23 43	23 44	22 18			n.a.
W17	22 24	12 39	4 51	14 17	2 13	24 3	0 20	12 23	1 13	11 40	1 16	2 58	2 29	14 44	0 48	1 57	1 58	0 44	13 17	23 43	23 44	22 17			n.a.
T 18	22 16	7 18	5 13	13 54	2 24	24 4	0 23	12 36	1 13	11 36	1 16	2 57	2 29	14 45	0 48	1 58	1 58	0 44	13 17	23 43	23 44	22 16			n.a.
F 19	22 7	1 44	5 14	13 33	2 36	24 4	0 25	12 48	1 12	11 31	1 16	2 55	2 29	14 46	0 48	1 58	1 58	0 44	13 18	23 43	23 44	22 15			n.a.
S 20	21 58	3s46	4 59	13 13	2 47	24 3	0 27	13 1	1 11	11 27	1 16	2 53	2 29	14 46	0 48	1 58	1 58	0 44	13 18	23 43	23 44	22 14			n.a.
S 21	21 49	8 56	4 27	12 54	2 58	24 2	0 30	13 14	1 11	11 23	1 16	2 51	2 29	14 47	0 48	1 59	1 58	0 44	13 18	23 43	23 44	22 14			n.a.
M22	21 39	13 35	3 44	12 37	3 8	24 0	0 32	13 26	1 10	11 19	1 16	2 49	2 28	14 48	0 48	1 59	1 58	0 44	13 18	23 43	23 44	22 13			n.a.
T 23	21 29	17 33	2 50	12 22	3 19	23 57	0 34	13 39	1 10	11 14	1 15	2 47	2 28	14 48	0 48	2 0	1 58	0 44	13 19	23 43	23 44	22 12			n.a.
W24	21 18	20 41	1 50	12 9	3 29	23 53	0 36	13 51	1 9	11 10	1 15	2 45	2 28	14 49	0 48	2 0	1 58	0 45	13 19	23 43	23 44	22 11			n.a.
T 25	21 7	22 51	0 45	11 57	3 38	23 49	0 39	14 3	1 8	11 6	1 15	2 43	2 28	14 50	0 48	2 0	1 58	0 45	13 19	23 43	23 44	22 10			n.a.
F 26	20 56	23 56	0s20	11 48	3 47	23 44	0 41	14 15	1 8	11 1	1 15	2 41	2 27	14 50	0 48	2 1	1 57	0 45	13 19	23 43	23 44	22 9			n.a.
S 27	20 44	23 56	1 25	11 42	3 55	23 38	0 43	14 27	1 7	10 57	1 15	2 39	2 27	14 51	0 48	2 1	1 57	0 45	13 20	23 43	23 44	22 8			n.a.
S 28	20 32	22 51	2 25	11 38	4 3	23 31	0 45	14 38	1 6	10 53	1 15	2 37	2 27	14 52	0 48	2 2	1 57	0 45	13 20	23 43	23 44	22 7			n.a.
M29	20 20	20 45	3 19	11 37	4 10	23 24	0 47	14 50	1 5	10 48	1 15	2 35	2 27	14 53	0 48	2 2	1 57	0 45	13 20	23 43	23 44	22 6			n.a.
T 30	20 7	17 46	4 4	11 38	4 15	23 16	0 49	15 1	1 5	10 44	1 15	2 33	2 27	14 53	0 48	2 3	1 57	0 46	13 20	23 43	23 44	22 5			n.a.
W31	19n54	14s 3	4s39	11n43	4s19	23n 8	0n51	15n13	1s 4	10n39	1n15	2n31	2n26	14s54	0s48	2s 3	1n57	0s46	13s21	23n43	23n44	22s 4			n.a.

Julian Day Number = 1595593.5, Delta T = 04h02m25s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'43, Lahiri = - 8°42'43 Julian Calendar 1 July 345 BCE == Greg. Calendar 26 June 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

AUGUST 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 2	3♌14'23	17♓11	16°R46	20♋49	14♉33	6♍ 0	29♍23	22°R35	9♎37	0♉21	1°R51	0♋21	5♒13	n.a.	T 1
F 2	20 23 58	4°12'32	29°20	16♌ 6	22° 3	15° 7	6°12	29°27	22♒32	9°38	0°21	1♋46	0°18	5°19	n.a.	F 2
S 3	20 27 55	5°10'42	11♈41	15°20	23°18	15°42	6°24	29°33	22°30	9°39	0°21	1°42	0°15	5°26	n.a.	S 3
S 4	20 31 51	6° 8'55	24°16	14°30	24°32	16°16	6°36	29°38	22°28	9°40	0°21	1°40	0°12	5°33	n.a.	S 4
M 5	20 35 48	7° 7'09	7♉10	13°36	25°46	16°50	6°48	29°43	22°26	9°41	0°R21	1°D39	0° 8	5°39	n.a.	M 5
T 6	20 39 44	8° 5'26	20°25	12°39	27° 1	17°24	7° 0	29°48	22°23	9°43	0°21	1°40	0° 5	5°46	n.a.	T 6
W 7	20 43 41	9° 3'46	4♊ 5	11°40	28°15	17°58	7°12	29°53	22°21	9°44	0°21	1°41	0° 2	5°53	n.a.	W 7
T 8	20 47 37	10° 2'07	18°10	10°40	29°29	18°32	7°25	29°59	22°19	9°45	0°21	1°43	29♊59	5°59	n.a.	T 8
F 9	20 51 34	11° 0'31	2♋41	9°40	0♌44	19° 5	7°37	0♎ 4	22°16	9°47	0°21	1°R43	29°56	6° 6	n.a.	F 9
S 10	20 55 31	11°58'57	17°33	8°43	1°58	19°38	7°49	0° 9	22°14	9°48	0°21	1°42	29°52	6°13	n.a.	S 10
S 11	20 59 27	12°57'25	2♌42	7°49	3°13	20°11	8° 2	0°15	22°12	9°49	0°21	1°39	29°49	6°19	n.a.	S 11
M12	21 3 24	13°55'55	17°57	7° 0	4°28	20°44	8°14	0°21	22° 9	9°51	0°21	1°35	29°46	6°26	n.a.	M12
T 13	21 7 20	14°54'27	3♍ 8	6°16	5°42	21°17	8°26	0°26	22° 7	9°52	0°21	1°29	29°43	6°33	n.a.	T 13
W14	21 11 17	15°53'01	18° 5	5°40	6°57	21°49	8°39	0°32	22° 4	9°54	0°21	1°22	29°40	6°39	n.a.	W14
T 15	21 15 13	16°51'36	2♎41	5°11	8°11	22°21	8°52	0°38	22° 2	9°55	0°20	1°15	29°37	6°46	n.a.	T 15
F 16	21 19 10	17°50'14	16°49	4°51	9°26	22°53	9° 4	0°43	22° 0	9°57	0°20	1°10	29°33	6°53	n.a.	F 16
S 17	21 23 6	18°48'53	0♏28	4°40	10°41	23°24	9°17	0°49	21°57	9°58	0°20	1° 6	29°30	6°59	n.a.	S 17
S 18	21 27 3	19°47'34	13°38	4°D39	11°56	23°56	9°29	0°55	21°55	10° 0	0°20	1° 5	29°27	7° 6	n.a.	S 18
M19	21 30 59	20°46'17	26°24	4°47	13°10	24°27	9°42	1° 1	21°52	10° 1	0°19	1°D 5	29°24	7°13	n.a.	M19
T 20	21 34 56	21°45'02	8♐49	5° 5	14°25	24°58	9°55	1° 7	21°50	10° 3	0°19	1° 6	29°21	7°19	n.a.	T 20
W21	21 38 53	22°43'48	20°58	5°32	15°40	25°28	10° 8	1°13	21°47	10° 5	0°19	1° 7	29°18	7°26	n.a.	W21
T 22	21 42 49	23°42'37	2♑56	6° 9	16°55	25°58	10°20	1°19	21°45	10° 6	0°18	1°R 7	29°14	7°33	n.a.	T 22
F 23	21 46 46	24°41'27	14°47	6°54	18°10	26°29	10°33	1°25	21°43	10° 8	0°18	1° 6	29°11	7°39	n.a.	F 23
S 24	21 50 42	25°40'19	26°35	7°48	19°24	26°58	10°46	1°31	21°40	10°10	0°18	1° 3	29° 8	7°46	n.a.	S 24
S 25	21 54 39	26°39'13	8♒24	8°49	20°39	27°28	10°59	1°38	21°38	10°12	0°17	0°57	29° 5	7°53	n.a.	S 25
M26	21 58 35	27°38'10	20°16	9°57	21°54	27°57	11°12	1°44	21°35	10°13	0°17	0°49	29° 2	7°59	n.a.	M26
T 27	22 2 32	28°37'08	2♓13	11°11	23° 9	28°26	11°25	1°50	21°33	10°15	0°16	0°39	28°58	8° 6	n.a.	T 27
W28	22 6 28	29°36'08	14°15	12°31	24°24	28°55	11°37	1°57	21°31	10°17	0°16	0°28	28°55	8°13	n.a.	W28
T 29	22 10 25	0♍35'11	26°25	13°56	25°39	29°23	11°50	2° 3	21°28	10°19	0°15	0°16	28°52	8°19	n.a.	T 29
F 30	22 14 22	1°34'16	8♈44	15°25	26°54	29°51	12° 3	2° 9	21°26	10°21	0°15	0° 6	28°49	8°26	n.a.	F 30
S 31	22 18 18	2♍33'23	21♈13	16♌57	28♌ 9	0♊19	12♍16	2♎16	21♒24	10♎22	0♉14	29♊57	28♊46	8♒33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19n40	9s45	5s 2	11n51	4s22	22n58	0n53	15n24	1s 3	10n35	1n14	2n29	2n26	14s55	0s48	2s 4	1n57	0s46	13s21	23n43	23n44	22s 3			n.a.
F 2	19 27	5 1	5 12	12 1	4 23	22 48	0 55	15 35	1 3	10 30	1 14	2 27	2 26	14 56	0 48	2 4	1 57	0 46	13 21	23 44	23 44	22 2			n.a.
S 3	19 13	0 2	5 7	12 15	4 23	22 38	0 57	15 46	1 2	10 25	1 14	2 25	2 26	14 56	0 48	2 5	1 57	0 46	13 21	23 44	23 44	22 1			n.a.
S 4	18 58	5n 4	4 48	12 32	4 21	22 26	0 58	15 56	1 1	10 21	1 14	2 22	2 26	14 57	0 48	2 5	1 57	0 47	13 22	23 44	23 44	22 0			n.a.
M 5	18 43	10 4	4 14	12 51	4 17	22 14	1 0	16 7	1 0	10 16	1 14	2 20	2 26	14 58	0 48	2 6	1 57	0 47	13 22	23 44	23 44	21 59			n.a.
T 6	18 28	14 46	3 26	13 13	4 10	22 2	1 2	16 17	0 59	10 12	1 14	2 18	2 25	14 59	0 48	2 6	1 57	0 47	13 22	23 44	23 44	21 58			n.a.
W 7	18 13	18 51	2 25	13 37	4 2	21 48	1 3	16 28	0 59	10 7	1 14	2 16	2 25	14 59	0 48	2 7	1 57	0 47	13 22	23 44	23 44	21 57			n.a.
T 8	17 57	21 59	1 13	14 3	3 52	21 34	1 5	16 38	0 58	10 2	1 14	2 13	2 25	15 0	0 48	2 7	1 57	0 48	13 23	23 44	23 44	21 56			n.a.
F 9	17 41	23 48	0n 5	14 31	3 40	21 19	1 6	16 48	0 57	9 57	1 14	2 11	2 25	15 1	0 48	2 8	1 57	0 48	13 23	23 44	23 44	21 55			n.a.
S 10	17 25	23 58	1 25	14 59	3 27	21 4	1 8	16 58	0 56	9 53	1 14	2 9	2 25	15 2	0 48	2 9	1 57	0 48	13 23	23 44	23 44	21 54			n.a.
S 11	17 8	22 24	2 40	15 28	3 11	20 48	1 9	17 8	0 55	9 48	1 14	2 6	2 25	15 3	0 48	2 9	1 57	0 48	13 23	23 44	23 44	21 53			n.a.
M12	16 51	19 12	3 44	15 56	2 55	20 32	1 11	17 17	0 54	9 43	1 14	2 4	2 24	15 3	0 48	2 10	1 57	0 49	13 24	23 44	23 44	21 52			n.a.
T 13	16 34	14 42	4 32	16 24	2 37	20 14	1 12	17 27	0 53	9 38	1 14	2 1	2 24	15 4	0 48	2 11	1 56	0 49	13 24	23 44	23 44	21 51			n.a.
W14	16 16	9 22	5 1	16 51	2 19	19 57	1 13	17 36	0 52	9 34	1 14	1 59	2 24	15 5	0 48	2 11	1 56	0 49	13 24	23 44	23 44	21 50			n.a.
T 15	15 59	3 38	5 9	17 16	2 0	19 38	1 14	17 45	0 52	9 29	1 13	1 57	2 24	15 6	0 48	2 12	1 56	0 50	13 24	23 44	23 44	21 49			n.a.
F 16	15 41	2s 7	4 57	17 40	1 41	19 19	1 15	17 54	0 51	9 24	1 13	1 54	2 24	15 7	0 48	2 12	1 56	0 50	13 24	23 44	23 44	21 48			n.a.
S 17	15 22	7 34	4 29	18 1	1 21	19 0	1 17	18 3	0 50	9 19	1 13	1 52	2 24	15 7	0 48	2 13	1 56	0 50	13 25	23 44	23 44	21 47			n.a.
S 18	15 4	12 30	3 48	18 20	1 2	18 40	1 18	18 12	0 49	9 14	1 13	1 49	2 23	15 8	0 48	2 14	1 56	0 50	13 25	23 44	23 44	21 46			n.a.
M19	14 45	16 44	2 56	18 36	0 44	18 19	1 18	18 21	0 48	9 9	1 13	1 47	2 23	15 9	0 48	2 14	1 56	0 51	13 25	23 44	23 44	21 45			n.a.
T 20	14 26	20 7	1 57	18 49	0 26	17 58	1 19	18 29	0 47	9 4	1 13	1 44	2 23	15 10	0 48	2 15	1 56	0 51	13 25	23 44	23 44	21 44			n.a.
W21	14 7	22 31	0 55	18 58	0 9	17 37	1 20	18 38	0 46	9 0	1 13	1 41	2 23	15 11	0 48	2 16	1 56	0 51	13 26	23 44	23 44	21 43			n.a.
T 22	13 47	23 52	0s10	19 5	0n 7	17 15	1 21	18 46	0 45	8 55	1 13	1 39	2 23	15 11	0 48	2 17	1 56	0 52	13 26	23 44	23 44	21 42			n.a.
F 23	13 27	24 7	1 13	19 8	0 22	16 52	1 22	18 54	0 44	8 50	1 13	1 36	2 23	15 12	0 48	2 17	1 56	0 52	13 26	23 44	23 44	21 41			n.a.
S 24	13 7	23 16	2 12	19 8	0 36	16 29	1 22	19 2	0 43	8 45	1 13	1 34	2 23	15 13	0 48	2 18	1 56	0 52	13 26	23 44	23 44	21 40			n.a.
S 25	12 47	21 23	3 6	19 4	0 49	16 5	1 23	19 10	0 41	8 40	1 13	1 31	2 22	15 14	0 48	2 19	1 56	0 53	13 27	23 44	23 44	21 38			n.a.
M26	12 27	18 34	3 52	18 56	1 0	15 41	1 23	19 18	0 40	8 35	1 13	1 28	2 22	15 14	0 48	2 19	1 56	0 53	13 27	23 44	23 44	21 37			n.a.
T 27	12 6	14 58	4 28	18 46	1 11	15 17	1 24	19 25	0 39	8 30	1 13	1 26	2 22	15 15	0 48	2 20	1 56	0 54	13 27	23 44	23 44	21 36			n.a.
W28	11 45	10 45	4 52	18 32	1 20	14 52	1 24	19 33	0 38	8 25	1 13	1 23	2 22	15 16	0 48	2 21	1 56	0 54	13 27	23 44	23 44	21 35			n.a.
T 29	11 24	6 4	5 3	18 15	1 28	14 27	1 24	19 40	0 37	8 20	1 13	1 21	2 22	15 17	0 48	2 22	1 56	0 54	13 27	23 44	23 44	21 34			n.a.
F 30	11 3	1 5	5 0	17 55	1 35	14 1	1 25	19 47	0 36	8 15	1 13	1 18	2 22	15 18	0 48	2 22	1 56	0 55	13 28	23 44	23 44	21 33			n.a.
S 31	10n41	4n 0	4s43	17n32	1n40	13n35	1n25	19n54	0s35	8n10	1n13	1n15	2n22	15s18	0s48	2s23	1n56	0s55	13s28	23n44	23n44	21s32			n.a.

Julian Day Number = 1595624.5, Delta T = 04h02m24s
Ecliptic obliquity = 23°44'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'39, Lahiri = - 8°42'39 Julian Calendar 1 Aug. 345 BCE == Greg. Calendar 27 July 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

SEPTEMBER 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 22 15	3♍32'32	3♉54	18♌33	29♌24	0♊47	12♍29	2♎22	21°R21	10♎24	0°R14	29°R51	28♊43	8♒40	n.a.	S 1
M 2	22 26 11	4°31'44	16°49	20°12	0♍39	1°14	12°42	2°29	21♒19	10°26	0♉13	29♊47	28°39	8°46	n.a.	M 2
T 3	22 30 8	5°30'59	0♊ 1	21°52	1°54	1°41	12°55	2°35	21°17	10°28	0°13	29°D46	28°36	8°53	n.a.	T 3
W 4	22 34 4	6°30'16	13°33	23°34	3°10	2° 7	13° 8	2°42	21°14	10°30	0°12	29°46	28°33	9° 0	n.a.	W 4
T 5	22 38 1	7°29'35	27°25	25°18	4°25	2°33	13°21	2°49	21°12	10°32	0°11	29°R46	28°30	9° 6	n.a.	T 5
F 6	22 41 57	8°28'57	11♋41	27° 2	5°40	2°59	13°35	2°55	21°10	10°34	0°11	29°46	28°27	9°13	n.a.	F 6
S 7	22 45 54	9°28'21	26°17	28°47	6°55	3°25	13°48	3° 2	21° 7	10°36	0°10	29°43	28°24	9°20	n.a.	S 7
S 8	22 49 51	10°27'48	11♌11	0♍32	8°10	3°50	14° 1	3° 9	21° 5	10°38	0° 9	29°38	28°20	9°26	n.a.	S 8
M 9	22 53 47	11°27'17	26°15	2°18	9°25	4°15	14°14	3°16	21° 3	10°40	0° 9	29°30	28°17	9°33	n.a.	M 9
T 10	22 57 44	12°26'48	11♍20	4° 4	10°41	4°39	14°27	3°22	21° 1	10°42	0° 8	29°20	28°14	9°40	n.a.	T 10
W11	23 1 40	13°26'21	26°16	5°49	11°56	5° 3	14°40	3°29	20°59	10°44	0° 7	29° 9	28°11	9°46	n.a.	W11
T 12	23 5 37	14°25'57	10♎55	7°35	13°11	5°27	14°53	3°36	20°56	10°46	0° 7	28°58	28° 8	9°53	n.a.	T 12
F 13	23 9 33	15°25'34	25° 8	9°20	14°26	5°50	15° 6	3°43	20°54	10°48	0° 6	28°49	28° 4	10° 0	n.a.	F 13
S 14	23 13 30	16°25'13	8♏53	11° 4	15°42	6°13	15°19	3°50	20°52	10°50	0° 5	28°42	28° 1	10° 6	n.a.	S 14
S 15	23 17 26	17°24'54	22° 9	12°48	16°57	6°35	15°33	3°57	20°50	10°52	0° 4	28°37	27°58	10°13	n.a.	S 15
M16	23 21 23	18°24'37	4♐58	14°32	18°12	6°57	15°46	4° 4	20°48	10°54	0° 3	28°35	27°55	10°20	n.a.	M16
T 17	23 25 19	19°24'22	17°24	16°15	19°27	7°18	15°59	4°10	20°46	10°56	0° 3	28°D34	27°52	10°26	n.a.	T 17
W18	23 29 16	20°24'09	29°33	17°58	20°43	7°39	16°12	4°17	20°44	10°59	0° 2	28°R34	27°49	10°33	n.a.	W18
T 19	23 33 13	21°23'57	11♑30	19°40	21°58	8° 0	16°25	4°24	20°42	11° 1	0° 1	28°34	27°45	10°40	n.a.	T 19
F 20	23 37 9	22°23'48	23°20	21°21	23°13	8°20	16°38	4°31	20°40	11° 3	0° 0	28°32	27°42	10°46	n.a.	F 20
S 21	23 41 6	23°23'40	5♒ 8	23° 2	24°29	8°40	16°51	4°38	20°38	11° 5	29♈59	28°27	27°39	10°53	n.a.	S 21
S 22	23 45 2	24°23'34	16°58	24°42	25°44	8°59	17° 4	4°45	20°36	11° 7	29°58	28°20	27°36	11° 0	n.a.	S 22
M23	23 48 59	25°23'30	28°55	26°22	26°59	9°18	17°17	4°52	20°34	11° 9	29°57	28° 9	27°33	11° 6	n.a.	M23
T 24	23 52 55	26°23'27	10♓59	28° 1	28°15	9°36	17°30	5° 0	20°33	11°12	29°57	27°57	27°29	11°13	n.a.	T 24
W25	23 56 52	27°23'27	23°12	29°39	29°30	9°54	17°43	5° 7	20°31	11°14	29°56	27°43	27°26	11°20	n.a.	W25
T 26	0 0 48	28°23'29	5♈37	1♎17	0♎45	10°11	17°56	5°14	20°29	11°16	29°55	27°28	27°23	11°27	n.a.	T 26
F 27	0 4 45	29°23'32	18°11	2°55	2° 1	10°27	18° 9	5°21	20°27	11°18	29°54	27°15	27°20	11°33	n.a.	F 27
S 28	0 8 41	0♎23'38	0♉56	4°32	3°16	10°43	18°22	5°28	20°26	11°20	29°53	27° 4	27°17	11°40	n.a.	S 28
S 29	0 12 38	1°23'46	13°52	6° 8	4°31	10°59	18°35	5°35	20°24	11°23	29°52	26°55	27°14	11°47	n.a.	S 29
M30	0 16 35	2♎23'56	26♉59	7♎44	5♎47	11♊14	18♍48	5♎42	20♒22	11♎25	29♈51	26♊50	27♊10	11♒53	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n20	9n 1	4s12	17n 7	1n45	13n 9	1n25	20n 1	0s34	8n 4	1n13	1n12	2n22	15s19	0s48	2s24	1n56	0s55	13s28	23n44	23n44	21s31		n.a.
M 2	9 58	13 45	3 28	16 39	1 49	12 42	1 25	20 8	0 32	7 59	1 13	1 10	2 22	15 20	0 48	2 25	1 56	0 56	13 28	23 44	23 44	21 29		n.a.
T 3	9 36	17 56	2 31	16 9	1 51	12 15	1 25	20 15	0 31	7 54	1 13	1 7	2 21	15 21	0 48	2 26	1 56	0 56	13 28	23 44	23 44	21 28		n.a.
W 4	9 14	21 18	1 25	15 36	1 53	11 47	1 25	20 21	0 30	7 49	1 13	1 4	2 21	15 21	0 48	2 26	1 56	0 57	13 29	23 44	23 44	21 27		n.a.
T 5	8 52	23 30	0 12	15 2	1 54	11 19	1 25	20 28	0 29	7 44	1 13	1 1	2 21	15 22	0 48	2 27	1 56	0 57	13 29	23 44	23 44	21 26		n.a.
F 6	8 29	24 16	1n 3	14 27	1 55	10 51	1 24	20 34	0 27	7 39	1 13	0 59	2 21	15 23	0 48	2 28	1 55	0 57	13 29	23 44	23 44	21 25		n.a.
S 7	8 7	23 23	2 16	13 49	1 54	10 23	1 24	20 40	0 26	7 34	1 13	0 56	2 21	15 23	0 48	2 29	1 55	0 58	13 29	23 44	23 44	21 24		n.a.
S 8	7 44	20 51	3 21	13 11	1 53	9 54	1 24	20 46	0 25	7 29	1 13	0 53	2 21	15 24	0 48	2 30	1 55	0 58	13 29	23 44	23 44	21 22		n.a.
M 9	7 21	16 53	4 13	12 31	1 51	9 25	1 23	20 52	0 23	7 24	1 13	0 50	2 21	15 25	0 48	2 30	1 55	0 59	13 30	23 44	23 44	21 21		n.a.
T 10	6 58	11 49	4 47	11 50	1 49	8 56	1 23	20 58	0 22	7 19	1 13	0 48	2 21	15 26	0 48	2 31	1 55	0 59	13 30	23 44	23 44	21 20		n.a.
W11	6 35	6 6	5 1	11 8	1 47	8 26	1 22	21 4	0 21	7 14	1 13	0 45	2 21	15 26	0 48	2 32	1 55	0 59	13 30	23 44	23 43	21 19		n.a.
T 12	6 12	0 9	4 55	10 26	1 43	7 57	1 22	21 10	0 19	7 8	1 13	0 42	2 21	15 27	0 48	2 33	1 55	1 0	13 30	23 44	23 43	21 18		n.a.
F 13	5 49	5s39	4 31	9 42	1 40	7 27	1 21	21 15	0 18	7 3	1 13	0 39	2 21	15 28	0 48	2 34	1 55	1 0	13 30	23 44	23 43	21 16		n.a.
S 14	5 25	10 59	3 51	8 59	1 36	6 56	1 20	21 21	0 16	6 58	1 13	0 36	2 21	15 28	0 48	2 35	1 55	1 1	13 31	23 44	23 43	21 15		n.a.
S 15	5 2	15 38	3 0	8 14	1 32	6 26	1 20	21 26	0 15	6 53	1 13	0 34	2 21	15 29	0 48	2 35	1 55	1 1	13 31	23 44	23 43	21 14		n.a.
M16	4 38	19 24	2 2	7 30	1 27	5 56	1 19	21 31	0 13	6 48	1 13	0 31	2 20	15 30	0 48	2 36	1 55	1 1	13 31	23 44	23 43	21 13		n.a.
T 17	4 15	22 9	0 59	6 45	1 22	5 25	1 18	21 36	0 12	6 43	1 13	0 28	2 20	15 30	0 48	2 37	1 55	1 2	13 31	23 44	23 43	21 11		n.a.
W18	3 51	23 49	0s 5	6 0	1 17	4 54	1 17	21 41	0 10	6 38	1 13	0 25	2 20	15 31	0 48	2 38	1 55	1 2	13 31	23 44	23 43	21 10		n.a.
T 19	3 27	24 22	1 8	5 14	1 11	4 23	1 16	21 46	0 9	6 32	1 13	0 22	2 20	15 32	0 48	2 39	1 55	1 3	13 31	23 44	23 43	21 9		n.a.
F 20	3 3	23 47	2 7	4 29	1 6	3 52	1 15	21 51	0 7	6 27	1 13	0 19	2 20	15 32	0 48	2 40	1 55	1 3	13 31	23 44	23 43	21 8		n.a.
S 21	2 39	22 8	3 0	3 43	1 0	3 21	1 14	21 56	0 6	6 22	1 13	0 16	2 20	15 33	0 48	2 41	1 55	1 4	13 32	23 44	23 43	21 6		n.a.
S 22	2 15	19 32	3 46	2 57	0 54	2 49	1 12	22 0	0 4	6 17	1 13	0 14	2 20	15 33	0 48	2 41	1 55	1 4	13 32	23 44	23 43	21 5		n.a.
M23	1 51	16 5	4 22	2 12	0 48	2 18	1 11	22 5	0 2	6 12	1 13	0 11	2 20	15 34	0 48	2 42	1 55	1 4	13 32	23 43	23 43	21 4		n.a.
T 24	1 27	11 57	4 47	1 26	0 42	1 46	1 10	22 9	0 1	6 7	1 13	0 8	2 20	15 34	0 48	2 43	1 55	1 5	13 32	23 43	23 43	21 3		n.a.
W25	1 3	7 17	4 59	0 41	0 36	1 15	1 8	22 14	0n 1	6 2	1 13	0 5	2 20	15 35	0 48	2 44	1 55	1 5	13 32	23 43	23 43	21 1		n.a.
T 26	0 39	2 16	4 57	0s 4	0 29	0 43	1 7	22 18	0 3	5 57	1 13	0 2	2 20	15 36	0 48	2 45	1 55	1 6	13 32	23 43	23 43	21 0		n.a.
F 27	0 15	2n54	4 40	0 50	0 23	0 11	1 6	22 22	0 4	5 51	1 13	0s 1	2 20	15 36	0 48	2 46	1 55	1 6	13 32	23 42	23 43	20 59		n.a.
S 28	0s10	8 3	4 10	1 34	0 16	0s20	1 4	22 26	0 6	5 46	1 13	0 4	2 20	15 37	0 48	2 47	1 55	1 7	13 33	23 42	23 43	20 57		n.a.
S 29	0 34	12 56	3 26	2 19	0 10	0 52	1 3	22 30	0 8	5 41	1 13	0 6	2 20	15 37	0 48	2 48	1 55	1 7	13 33	23 42	23 42	20 56		n.a.
M30	0s58	17n17	2s30	3s 4	0n 3	1s24	1n 1	22n34	0n10	5n36	1n13	0s 9	2n20	15s38	0s48	2s49	1n55	1s 7	13s33	23n42	23n42	20s55		n.a.

Julian Day Number = 1595655.5, Delta T = 04h02m22s
Ecliptic obliquity = 23°44'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'35, Lahiri = - 8°42'34 Julian Calendar 1 Sept. 345 BCE == Greg. Calendar 27 Aug. 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

OCTOBER 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 20 31	3♎24'08	10♊18	9♎20	7♎ 2	11♊28	19♍ 1	5♎49	20°R21	11♎27	29°R50	26°R47	27♊ 7	12♒ 0	n.a.	T 1
W 2	0 24 28	4°24'22	23°50	10°55	8°18	11°42	19°14	5°56	20♒19	11°29	29♈49	26°D47	27° 4	12° 7	n.a.	W 2
T 3	0 28 24	5°24'39	7♋37	12°29	9°33	11°55	19°27	6° 3	20°18	11°32	29°48	26°R47	27° 1	12°13	n.a.	T 3
F 4	0 32 21	6°24'58	21°40	14° 3	10°48	12° 8	19°40	6°10	20°16	11°34	29°47	26♊46	26°58	12°20	n.a.	F 4
S 5	0 36 17	7°25'19	5♌58	15°37	12° 4	12°20	19°53	6°18	20°15	11°36	29°46	26°44	26°55	12°27	n.a.	S 5
S 6	0 40 14	8°25'42	20°30	17°11	13°19	12°31	20° 5	6°25	20°13	11°38	29°45	26°38	26°51	12°33	n.a.	S 6
M 7	0 44 10	9°26'07	5♍10	18°44	14°34	12°42	20°18	6°32	20°12	11°41	29°44	26°30	26°48	12°40	n.a.	M 7
T 8	0 48 7	10°26'34	19°54	20°16	15°50	12°52	20°31	6°39	20°11	11°43	29°43	26°20	26°45	12°47	n.a.	T 8
W 9	0 52 4	11°27'02	4♎33	21°49	17° 5	13° 1	20°44	6°46	20°10	11°45	29°42	26° 9	26°42	12°53	n.a.	W 9
T 10	0 56 0	12°27'33	18°59	23°21	18°21	13°10	20°56	6°53	20° 8	11°47	29°40	25°57	26°39	13° 0	n.a.	T 10
F 11	0 59 57	13°28'05	3♏ 5	24°52	19°36	13°17	21° 9	7° 0	20° 7	11°50	29°39	25°47	26°35	13° 7	n.a.	F 11
S 12	1 3 53	14°28'39	16°47	26°24	20°52	13°25	21°22	7° 7	20° 6	11°52	29°38	25°39	26°32	13°13	n.a.	S 12
S 13	1 7 50	15°29'15	0♐ 4	27°55	22° 7	13°31	21°34	7°14	20° 5	11°54	29°37	25°33	26°29	13°20	n.a.	S 13
M14	1 11 46	16°29'51	12°55	29°25	23°22	13°37	21°47	7°21	20° 4	11°56	29°36	25°30	26°26	13°27	n.a.	M14
T 15	1 15 43	17°30'30	25°24	0♏56	24°38	13°42	21°59	7°28	20° 3	11°59	29°35	25°D30	26°23	13°34	n.a.	T 15
W16	1 19 39	18°31'09	7♑36	2°26	25°53	13°46	22°12	7°35	20° 2	12° 1	29°34	25°30	26°20	13°40	n.a.	W16
T 17	1 23 36	19°31'50	19°35	3°55	27° 9	13°49	22°24	7°42	20° 1	12° 3	29°33	25°R30	26°16	13°47	n.a.	T 17
F 18	1 27 33	20°32'33	1♒26	5°25	28°24	13°52	22°36	7°49	20° 0	12° 5	29°32	25°30	26°13	13°54	n.a.	F 18
S 19	1 31 29	21°33'16	13°15	6°53	29°39	13°54	22°49	7°56	19°59	12° 8	29°30	25°27	26°10	14° 0	n.a.	S 19
S 20	1 35 26	22°34'00	25° 8	8°22	0♏55	13°55	23° 1	8° 3	19°59	12°10	29°29	25°22	26° 7	14° 7	n.a.	S 20
M21	1 39 22	23°34'46	7♓ 7	9°50	2°10	13°R55	23°13	8°10	19°58	12°12	29°28	25°15	26° 4	14°14	n.a.	M21
T 22	1 43 19	24°35'33	19°18	11°17	3°25	13°54	23°25	8°17	19°57	12°14	29°27	25° 5	26° 0	14°20	n.a.	T 22
W23	1 47 15	25°36'21	1♈42	12°44	4°41	13°53	23°37	8°24	19°57	12°16	29°26	24°54	25°57	14°27	n.a.	W23
T 24	1 51 12	26°37'11	14°20	14°10	5°56	13°51	23°49	8°31	19°56	12°19	29°25	24°43	25°54	14°34	n.a.	T 24
F 25	1 55 8	27°38'01	27°12	15°35	7°12	13°47	24° 1	8°38	19°56	12°21	29°24	24°32	25°51	14°40	n.a.	F 25
S 26	1 59 5	28°38'53	10♉18	17° 0	8°27	13°44	24°13	8°45	19°55	12°23	29°23	24°23	25°48	14°47	n.a.	S 26
S 27	2 3 2	29°39'47	23°37	18°24	9°42	13°39	24°25	8°52	19°55	12°25	29°21	24°17	25°45	14°54	n.a.	S 27
M28	2 6 58	0♏40'42	7♊ 6	19°46	10°58	13°33	24°37	8°58	19°54	12°27	29°20	24°13	25°41	15° 0	n.a.	M28
T 29	2 10 55	1°41'38	20°45	21° 8	12°13	13°27	24°49	9° 5	19°54	12°29	29°19	24°D11	25°38	15° 7	n.a.	T 29
W30	2 14 51	2°42'36	4♋32	22°28	13°28	13°19	25° 1	9°12	19°54	12°32	29°18	24°12	25°35	15°14	n.a.	W30
T 31	2 18 48	3♏43'35	18♋27	23♏46	14♏44	13♊11	25♍12	9♎18	19♒54	12♎34	29♈17	24♊13	25♊32	15♒21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1s22	20n51	1s26	3s48	0s 4	1s55	0n59	22n38	0n12	5n31	1n13	0s12	2n20	15s38	0s48	2s49	1n55	1s 8	13s33	23n42	23n42	20s53			n.a.
W 2	1 46	23 20	0 16	4 32	0 10	2 27	0 58	22 42	0 14	5 26	1 13	0 15	2 20	15 39	0 47	2 50	1 55	1 8	13 33	23 42	23 42	20 52			n.a.
T 3	2 11	24 28	0n57	5 15	0 17	2 59	0 56	22 45	0 16	5 21	1 13	0 18	2 20	15 39	0 47	2 51	1 55	1 9	13 33	23 42	23 42	20 51			n.a.
F 4	2 35	24 4	2 8	5 58	0 23	3 30	0 54	22 49	0 18	5 16	1 13	0 21	2 20	15 40	0 47	2 52	1 55	1 9	13 33	23 42	23 42	20 49			n.a.
S 5	2 59	22 6	3 11	6 41	0 30	4 2	0 52	22 53	0 20	5 11	1 13	0 23	2 20	15 40	0 47	2 53	1 55	1 10	13 33	23 42	23 42	20 48			n.a.
S 6	3 23	18 41	4 4	7 23	0 37	4 33	0 50	22 56	0 22	5 6	1 13	0 26	2 20	15 40	0 47	2 54	1 55	1 10	13 33	23 42	23 42	20 47			n.a.
M 7	3 47	14 4	4 41	8 5	0 43	5 4	0 48	23 0	0 24	5 1	1 14	0 29	2 20	15 41	0 47	2 55	1 55	1 10	13 33	23 41	23 42	20 45			n.a.
T 8	4 11	8 37	4 59	8 47	0 49	5 36	0 46	23 3	0 26	4 56	1 14	0 32	2 20	15 41	0 47	2 56	1 55	1 11	13 33	23 41	23 42	20 44			n.a.
W 9	4 35	2 43	4 58	9 28	0 56	6 7	0 44	23 6	0 28	4 51	1 14	0 35	2 20	15 42	0 47	2 57	1 55	1 11	13 33	23 41	23 42	20 43			n.a.
T 10	4 59	3s15	4 37	10 8	1 2	6 38	0 42	23 9	0 30	4 46	1 14	0 38	2 20	15 42	0 47	2 57	1 55	1 12	13 34	23 40	23 42	20 41			n.a.
F 11	5 23	8 56	4 0	10 48	1 8	7 8	0 40	23 12	0 32	4 41	1 14	0 40	2 20	15 42	0 47	2 58	1 55	1 12	13 34	23 40	23 42	20 40			n.a.
S 12	5 47	14 1	3 10	11 28	1 14	7 39	0 38	23 16	0 34	4 36	1 14	0 43	2 20	15 43	0 47	2 59	1 55	1 13	13 34	23 40	23 41	20 39			n.a.
S 13	6 10	18 17	2 11	12 6	1 20	8 10	0 36	23 19	0 36	4 31	1 14	0 46	2 20	15 43	0 47	3 0	1 55	1 13	13 34	23 40	23 41	20 37			n.a.
M14	6 34	21 32	1 6	12 45	1 26	8 40	0 34	23 21	0 39	4 26	1 14	0 49	2 20	15 43	0 47	3 1	1 55	1 13	13 34	23 40	23 41	20 36			n.a.
T 15	6 57	23 39	0 0	13 22	1 32	9 10	0 32	23 24	0 41	4 21	1 14	0 52	2 20	15 43	0 47	3 2	1 55	1 14	13 34	23 40	23 41	20 34			n.a.
W16	7 21	24 35	1s 4	13 59	1 37	9 40	0 29	23 27	0 43	4 16	1 14	0 54	2 20	15 44	0 47	3 3	1 55	1 14	13 34	23 40	23 41	20 33			n.a.
T 17	7 44	24 21	2 5	14 35	1 42	10 10	0 27	23 30	0 46	4 11	1 14	0 57	2 20	15 44	0 47	3 4	1 55	1 15	13 34	23 40	23 41	20 32			n.a.
F 18	8 7	23 0	2 59	15 10	1 47	10 39	0 25	23 33	0 48	4 6	1 14	1 0	2 20	15 44	0 47	3 4	1 55	1 15	13 34	23 40	23 41	20 30			n.a.
S 19	8 30	20 39	3 46	15 45	1 52	11 8	0 23	23 35	0 50	4 1	1 14	1 3	2 20	15 44	0 47	3 5	1 55	1 15	13 34	23 39	23 41	20 29			n.a.
S 20	8 53	17 26	4 23	16 19	1 57	11 37	0 20	23 38	0 53	3 57	1 15	1 5	2 20	15 45	0 47	3 6	1 55	1 16	13 34	23 39	23 41	20 27			n.a.
M21	9 16	13 28	4 49	16 51	2 1	12 6	0 18	23 40	0 55	3 52	1 15	1 8	2 20	15 45	0 47	3 7	1 55	1 16	13 34	23 39	23 41	20 26			n.a.
T 22	9 39	8 55	5 2	17 23	2 5	12 34	0 16	23 43	0 58	3 47	1 15	1 11	2 20	15 45	0 47	3 8	1 55	1 17	13 34	23 39	23 41	20 24			n.a.
W23	10 1	3 55	5 2	17 54	2 9	13 2	0 13	23 45	1 0	3 42	1 15	1 13	2 21	15 45	0 47	3 9	1 55	1 17	13 34	23 38	23 40	20 23			n.a.
T 24	10 23	1n19	4 47	18 24	2 13	13 30	0 11	23 47	1 3	3 38	1 15	1 16	2 21	15 45	0 47	3 10	1 55	1 17	13 34	23 38	23 40	20 22			n.a.
F 25	10 46	6 37	4 17	18 53	2 16	13 57	0 9	23 49	1 5	3 33	1 15	1 19	2 21	15 45	0 47	3 10	1 55	1 18	13 34	23 37	23 40	20 20			n.a.
S 26	11 8	11 44	3 33	19 20	2 19	14 24	0 6	23 51	1 8	3 28	1 15	1 21	2 21	15 46	0 47	3 11	1 55	1 18	13 34	23 37	23 40	20 19			n.a.
S 27	11 29	16 23	2 36	19 47	2 21	14 51	0 4	23 53	1 11	3 24	1 15	1 24	2 21	15 46	0 47	3 12	1 55	1 18	13 34	23 37	23 40	20 17			n.a.
M28	11 51	20 17	1 30	20 12	2 23	15 17	0 1	23 55	1 13	3 19	1 15	1 27	2 21	15 46	0 47	3 13	1 55	1 19	13 34	23 37	23 40	20 16			n.a.
T 29	12 13	23 6	0 18	20 35	2 25	15 43	0s 1	23 57	1 16	3 14	1 16	1 29	2 21	15 46	0 47	3 14	1 55	1 19	13 34	23 36	23 40	20 14			n.a.
W30	12 34	24 35	0n55	20 57	2 26	16 8	0 4	23 59	1 19	3 10	1 16	1 32	2 21	15 46	0 47	3 15	1 55	1 19	13 34	23 36	23 40	20 13			n.a.
T 31	12s55	24n33	2n 7	21s18	2s26	16s33	0s 6	24n 0	1n21	3n 5	1n16	1s35	2n21	15s46	0s47	3s15	1n55	1s20	13s34	23n37	23n40	20s11			n.a.

Julian Day Number = 1595685.5, Delta T = 04h02m21s
Ecliptic obliquity = 23°44'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'31, Lahiri = - 8°42'30 Julian Calendar 1 Oct. 345 BCE == Greg. Calendar 26 Sept. 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

NOVEMBER 345 BCE (-344) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 22 44	4♏44'35	2♌29	25♏ 2	15♏59	13°R 2	25♍24	9♎25	19°R54	12♎36	29°R16	24°R14	25♊29	15♒27	n.a.	F 1
S 2	2 26 41	5°45'37	16°37	26°17	17°14	12♊52	25°35	9°32	19♒53	12°38	29♈15	24♊13	25°26	15°34	n.a.	S 2
S 3	2 30 37	6°46'40	0♍50	27°28	18°30	12°42	25°47	9°38	19°D53	12°40	29°13	24°11	25°22	15°41	n.a.	S 3
M 4	2 34 34	7°47'44	15° 6	28°37	19°45	12°30	25°58	9°45	19°53	12°42	29°12	24° 6	25°19	15°47	n.a.	M 4
T 5	2 38 31	8°48'50	29°22	29°43	21° 0	12°18	26° 9	9°52	19°53	12°44	29°11	24° 0	25°16	15°54	n.a.	T 5
W 6	2 42 27	9°49'56	13♎32	0♐45	22°15	12° 4	26°21	9°58	19°54	12°46	29°10	23°52	25°13	16° 1	n.a.	W 6
T 7	2 46 24	10°51'04	27°32	1°42	23°31	11°50	26°32	10° 4	19°54	12°48	29° 9	23°45	25°10	16° 7	n.a.	T 7
F 8	2 50 20	11°52'12	11♏17	2°35	24°46	11°35	26°43	10°11	19°54	12°50	29° 8	23°38	25° 6	16°14	n.a.	F 8
S 9	2 54 17	12°53'22	24°45	3°21	26° 1	11°20	26°54	10°17	19°54	12°52	29° 7	23°33	25° 3	16°21	n.a.	S 9
S 10	2 58 13	13°54'32	7♐52	4° 1	27°17	11° 3	27° 5	10°24	19°55	12°54	29° 6	23°29	25° 0	16°27	n.a.	S 10
M11	3 2 10	14°55'43	20°39	4°34	28°32	10°46	27°15	10°30	19°55	12°56	29° 5	23°D28	24°57	16°34	n.a.	M11
T 12	3 6 6	15°56'54	3♑ 8	4°59	29°47	10°29	27°26	10°36	19°55	12°58	29° 3	23°28	24°54	16°41	n.a.	T 12
W13	3 10 3	16°58'06	15°20	5°15	1♐ 2	10°10	27°37	10°42	19°56	13° 0	29° 2	23°30	24°51	16°48	n.a.	W13
T 14	3 14 0	17°59'18	27°21	5°R20	2°18	9°51	27°47	10°49	19°56	13° 2	29° 1	23°32	24°47	16°54	n.a.	T 14
F 15	3 17 56	19° 0'31	9♒13	5°15	3°33	9°31	27°58	10°55	19°57	13° 4	29° 0	23°33	24°44	17° 1	n.a.	F 15
S 16	3 21 53	20° 1'44	21° 4	4°59	4°48	9°11	28° 8	11° 1	19°58	13° 6	28°59	23°R34	24°41	17° 8	n.a.	S 16
S 17	3 25 49	21° 2'57	2♓57	4°31	6° 3	8°50	28°18	11° 7	19°58	13° 8	28°58	23°33	24°38	17°14	n.a.	S 17
M18	3 29 46	22° 4'10	14°57	3°51	7°19	8°29	28°29	11°13	19°59	13°10	28°57	23°31	24°35	17°21	n.a.	M18
T 19	3 33 42	23° 5'23	27°10	3° 1	8°34	8° 7	28°39	11°19	20° 0	13°12	28°56	23°27	24°32	17°28	n.a.	T 19
W20	3 37 39	24° 6'36	9♈38	1°59	9°49	7°45	28°49	11°24	20° 1	13°14	28°55	23°22	24°28	17°34	n.a.	W20
T 21	3 41 35	25° 7'50	22°24	0°50	11° 4	7°22	28°58	11°30	20° 1	13°15	28°54	23°17	24°25	17°41	n.a.	T 21
F 22	3 45 32	26° 9'04	5♉30	29♏33	12°19	6°59	29° 8	11°36	20° 2	13°17	28°53	23°13	24°22	17°48	n.a.	F 22
S 23	3 49 29	27°10'18	18°54	28°12	13°34	6°36	29°18	11°42	20° 3	13°19	28°52	23° 9	24°19	17°55	n.a.	S 23
S 24	3 53 25	28°11'32	2♊36	26°50	14°50	6°13	29°27	11°47	20° 4	13°21	28°51	23° 6	24°16	18° 1	n.a.	S 24
M25	3 57 22	29°12'46	16°32	25°29	16° 5	5°49	29°37	11°53	20° 5	13°22	28°50	23°D 5	24°12	18° 8	n.a.	M25
T 26	4 1 18	0♐14'01	0♋39	24°12	17°20	5°25	29°46	11°58	20° 7	13°24	28°49	23° 5	24° 9	18°15	n.a.	T 26
W27	4 5 15	1°15'16	14°53	23° 0	18°35	5° 1	29°55	12° 4	20° 8	13°26	28°48	23° 6	24° 6	18°21	n.a.	W27
T 28	4 9 11	2°16'31	29°10	21°57	19°50	4°37	0♎ 5	12° 9	20° 9	13°27	28°47	23° 7	24° 3	18°28	n.a.	T 28
F 29	4 13 8	3°17'47	13♌26	21° 3	21° 5	4°13	0°14	12°15	20°10	13°29	28°46	23° 9	24° 0	18°35	n.a.	F 29
S 30	4 17 5	4♐19'03	27♌39	20♏19	22♐20	3♊49	0♎23	12♎20	20♒12	13♎31	28♈45	23♊ 9	23♊57	18♒41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s16	22n57	3n11	21s37	2s26	16s58	0s 8	24n 2	1n24	3n 1	1n16	1s37	2n21	15s46	0s46	3s16	1n55	1s20	13s33	23n37	23n40	20s10		n.a.
S 2	13 36	19 56	4 4	21 55	2 25	17 22	0 11	24 3	1 27	2 56	1 16	1 40	2 21	15 46	0 46	3 17	1 55	1 20	13 33	23 37	23 39	20 8		n.a.
S 3	13 57	15 43	4 43	22 10	2 24	17 45	0 13	24 5	1 29	2 52	1 16	1 42	2 21	15 46	0 46	3 18	1 55	1 21	13 33	23 36	23 39	20 7		n.a.
M 4	14 17	10 36	5 4	22 24	2 21	18 9	0 16	24 6	1 32	2 47	1 16	1 45	2 22	15 46	0 46	3 19	1 55	1 21	13 33	23 36	23 39	20 5		n.a.
T 5	14 37	4 56	5 7	22 35	2 18	18 31	0 18	24 7	1 35	2 43	1 16	1 47	2 22	15 46	0 46	3 19	1 55	1 21	13 33	23 36	23 39	20 4		n.a.
W 6	14 57	0s57	4 50	22 45	2 14	18 54	0 21	24 8	1 38	2 38	1 17	1 50	2 22	15 46	0 46	3 20	1 55	1 22	13 33	23 36	23 39	20 2		n.a.
T 7	15 16	6 44	4 17	22 52	2 9	19 15	0 23	24 9	1 40	2 34	1 17	1 52	2 22	15 46	0 46	3 21	1 55	1 22	13 33	23 35	23 39	20 1		n.a.
F 8	15 35	12 6	3 28	22 57	2 3	19 36	0 25	24 9	1 43	2 30	1 17	1 55	2 22	15 45	0 46	3 22	1 55	1 22	13 33	23 35	23 39	19 59		n.a.
S 9	15 54	16 46	2 30	22 59	1 56	19 57	0 28	24 10	1 46	2 25	1 17	1 57	2 22	15 45	0 46	3 23	1 55	1 23	13 33	23 35	23 39	19 58		n.a.
S 10	16 13	20 31	1 24	22 58	1 47	20 17	0 30	24 10	1 48	2 21	1 17	1 59	2 22	15 45	0 46	3 23	1 56	1 23	13 33	23 34	23 38	19 56		n.a.
M11	16 31	23 9	0 15	22 55	1 38	20 36	0 32	24 10	1 51	2 17	1 17	2 2	2 22	15 45	0 46	3 24	1 56	1 23	13 33	23 34	23 38	19 54		n.a.
T 12	16 49	24 34	0s52	22 49	1 27	20 55	0 35	24 10	1 54	2 13	1 17	2 4	2 22	15 45	0 46	3 25	1 56	1 23	13 33	23 34	23 38	19 53		n.a.
W13	17 7	24 46	1 56	22 39	1 14	21 14	0 37	24 10	1 56	2 9	1 18	2 6	2 23	15 45	0 46	3 26	1 56	1 24	13 32	23 35	23 38	19 51		n.a.
T 14	17 24	23 48	2 54	22 27	1 0	21 31	0 39	24 10	1 59	2 5	1 18	2 9	2 23	15 44	0 46	3 26	1 56	1 24	13 32	23 35	23 38	19 50		n.a.
F 15	17 41	21 46	3 44	22 11	0 45	21 48	0 42	24 10	2 2	2 0	1 18	2 11	2 23	15 44	0 46	3 27	1 56	1 24	13 32	23 35	23 38	19 48		n.a.
S 16	17 58	18 49	4 24	21 51	0 28	22 5	0 44	24 9	2 4	1 56	1 18	2 13	2 23	15 44	0 46	3 28	1 56	1 24	13 32	23 35	23 38	19 47		n.a.
S 17	18 15	15 5	4 53	21 28	0 10	22 21	0 46	24 8	2 7	1 52	1 18	2 16	2 23	15 44	0 46	3 28	1 56	1 25	13 32	23 35	23 38	19 45		n.a.
M18	18 31	10 44	5 9	21 2	0n 9	22 36	0 48	24 7	2 9	1 49	1 18	2 18	2 23	15 44	0 46	3 29	1 56	1 25	13 32	23 35	23 37	19 43		n.a.
T 19	18 47	5 54	5 12	20 33	0 29	22 50	0 51	24 6	2 12	1 45	1 18	2 20	2 23	15 43	0 46	3 30	1 56	1 25	13 32	23 34	23 37	19 42		n.a.
W20	19 2	0 44	5 0	20 1	0 49	23 4	0 53	24 5	2 14	1 41	1 19	2 22	2 23	15 43	0 46	3 30	1 56	1 25	13 31	23 34	23 37	19 40		n.a.
T 21	19 17	4n36	4 34	19 27	1 9	23 17	0 55	24 4	2 17	1 37	1 19	2 24	2 24	15 43	0 46	3 31	1 56	1 26	13 31	23 34	23 37	19 39		n.a.
F 22	19 32	9 52	3 52	18 51	1 29	23 30	0 57	24 2	2 19	1 33	1 19	2 26	2 24	15 42	0 46	3 32	1 56	1 26	13 31	23 34	23 37	19 37		n.a.
S 23	19 46	14 50	2 57	18 15	1 48	23 41	0 59	24 0	2 21	1 29	1 19	2 29	2 24	15 42	0 46	3 32	1 56	1 26	13 31	23 33	23 37	19 35		n.a.
S 24	20 0	19 8	1 50	17 40	2 5	23 52	1 1	23 58	2 24	1 26	1 19	2 31	2 24	15 42	0 46	3 33	1 56	1 26	13 31	23 33	23 37	19 34		n.a.
M25	20 14	22 27	0 36	17 5	2 21	24 2	1 3	23 56	2 26	1 22	1 20	2 33	2 24	15 41	0 46	3 34	1 56	1 26	13 31	23 33	23 37	19 32		n.a.
T 26	20 27	24 26	0n42	16 34	2 34	24 12	1 5	23 54	2 28	1 19	1 20	2 35	2 24	15 41	0 46	3 34	1 56	1 26	13 30	23 33	23 36	19 31		n.a.
W27	20 40	24 50	1 57	16 5	2 45	24 21	1 7	23 52	2 30	1 15	1 20	2 37	2 25	15 40	0 45	3 35	1 56	1 27	13 30	23 33	23 36	19 29		n.a.
T 28	20 52	23 37	3 6	15 41	2 54	24 29	1 8	23 49	2 32	1 11	1 20	2 39	2 25	15 40	0 45	3 36	1 56	1 27	13 30	23 33	23 36	19 27		n.a.
F 29	21 5	20 52	4 3	15 20	3 1	24 36	1 10	23 46	2 34	1 8	1 20	2 41	2 25	15 39	0 45	3 36	1 56	1 27	13 30	23 33	23 36	19 26		n.a.
S 30	21s16	16n53	4n45	15s 5	3n 5	24s43	1s12	23n44	2n36	1n 5	1n20	2s42	2n25	15s39	0s45	3s37	1n56	1s27	13s30	23n33	23n36	19s24		n.a.

Julian Day Number = 1595716.5, Delta T = 04h02m20s
Ecliptic obliquity = 23°44'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'26, Lahiri = - 8°42'26 Julian Calendar 1 Nov. 345 BCE == Greg. Calendar 27 Oct. 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 345 BCE
geocentric

DECEMBER 345 BCE (-344) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 1	5♐20'19	11♍48	19°R45	23♐35	3°R26	0♎31	12♎25	20♒13	13♎32	28°R44	23°R10	23♊53	18♒48	n.a.	S 1
M 2	4 24 58	6°21'35	25°49	19♏22	24°50	3♊ 2	0°40	12°30	20°14	13°34	28♈44	23♊ 9	23°50	18°55	n.a.	M 2
T 3	4 28 54	7°22'51	9♎41	19° 9	26° 5	2°38	0°48	12°35	20°16	13°35	28°43	23° 7	23°47	19° 2	n.a.	T 3
W 4	4 32 51	8°24'07	23°23	19°D 5	27°20	2°15	0°57	12°40	20°17	13°37	28°42	23° 5	23°44	19° 8	n.a.	W 4
T 5	4 36 47	9°25'24	6♏54	19°10	28°35	1°52	1° 5	12°45	20°19	13°38	28°41	23° 3	23°41	19°15	n.a.	T 5
F 6	4 40 44	10°26'40	20°12	19°24	29°50	1°29	1°13	12°50	20°21	13°40	28°40	23° 1	23°38	19°22	n.a.	F 6
S 7	4 44 40	11°27'56	3♐16	19°45	1♑ 5	1° 7	1°21	12°55	20°22	13°41	28°39	23° 0	23°34	19°28	n.a.	S 7
S 8	4 48 37	12°29'12	16° 6	20°13	2°20	0°45	1°29	12°59	20°24	13°42	28°39	22°59	23°31	19°35	n.a.	S 8
M 9	4 52 34	13°30'28	28°41	20°47	3°35	0°23	1°37	13° 4	20°26	13°44	28°38	22°D59	23°28	19°42	n.a.	M 9
T 10	4 56 30	14°31'43	11♑ 2	21°27	4°50	0° 2	1°45	13° 9	20°28	13°45	28°37	23° 0	23°25	19°48	n.a.	T 10
W11	5 0 27	15°32'57	23°11	22°11	6° 5	29♉42	1°52	13°13	20°29	13°46	28°36	23° 0	23°22	19°55	n.a.	W11
T 12	5 4 23	16°34'11	5♒10	23° 1	7°20	29°22	2° 0	13°18	20°31	13°48	28°36	23° 1	23°18	20° 2	n.a.	T 12
F 13	5 8 20	17°35'24	17° 3	23°54	8°35	29° 2	2° 7	13°22	20°33	13°49	28°35	23° 2	23°15	20° 9	n.a.	F 13
S 14	5 12 16	18°36'37	28°54	24°51	9°50	28°43	2°14	13°26	20°35	13°50	28°34	23° 2	23°12	20°15	n.a.	S 14
S 15	5 16 13	19°37'48	10♓46	25°51	11° 4	28°25	2°21	13°30	20°37	13°51	28°34	23° 3	23° 9	20°22	n.a.	S 15
M16	5 20 10	20°38'58	22°45	26°54	12°19	28° 8	2°28	13°34	20°39	13°52	28°33	23°R 3	23° 6	20°29	n.a.	M16
T 17	5 24 6	21°40'08	4♈55	27°59	13°34	27°51	2°34	13°38	20°41	13°54	28°32	23° 3	23° 3	20°35	n.a.	T 17
W18	5 28 3	22°41'16	17°21	29° 7	14°49	27°35	2°41	13°42	20°43	13°55	28°32	23°D 3	22°59	20°42	n.a.	W18
T 19	5 31 59	23°42'23	0♉ 7	0♐17	16° 4	27°20	2°47	13°46	20°46	13°56	28°31	23° 3	22°56	20°49	n.a.	T 19
F 20	5 35 56	24°43'30	13°15	1°29	17°18	27° 6	2°53	13°50	20°48	13°57	28°30	23° 3	22°53	20°55	n.a.	F 20
S 21	5 39 52	25°44'35	26°47	2°43	18°33	26°52	2°59	13°54	20°50	13°58	28°30	23° 3	22°50	21° 2	n.a.	S 21
S 22	5 43 49	26°45'40	10♊43	3°58	19°48	26°39	3° 5	13°57	20°52	13°59	28°29	23° 3	22°47	21° 9	n.a.	S 22
M23	5 47 45	27°46'43	25° 0	5°15	21° 2	26°27	3°11	14° 1	20°55	14° 0	28°29	23°R 3	22°44	21°16	n.a.	M23
T 24	5 51 42	28°47'46	9♋33	6°34	22°17	26°15	3°16	14° 4	20°57	14° 1	28°28	23° 3	22°40	21°22	n.a.	T 24
W25	5 55 39	29°48'47	24°17	7°53	23°31	26° 5	3°22	14° 7	20°59	14° 1	28°28	23° 3	22°37	21°29	n.a.	W25
T 26	5 59 35	0♑49'48	9♌ 3	9°14	24°46	25°55	3°27	14°11	21° 2	14° 2	28°27	23° 2	22°34	21°36	n.a.	T 26
F 27	6 3 32	1°50'48	23°45	10°36	26° 0	25°46	3°32	14°14	21° 4	14° 3	28°27	23° 1	22°31	21°42	n.a.	F 27
S 28	6 7 28	2°51'46	8♍17	11°59	27°15	25°38	3°37	14°17	21° 7	14° 4	28°27	23° 0	22°28	21°49	n.a.	S 28
S 29	6 11 25	3°52'44	22°35	13°23	28°29	25°30	3°42	14°20	21° 9	14° 5	28°26	22°59	22°24	21°56	n.a.	S 29
M30	6 15 21	4°53'42	6♎36	14°48	29°44	25°24	3°47	14°23	21°12	14° 5	28°26	22°D59	22°21	22° 3	n.a.	M30
T 31	6 19 18	5♑54'38	20♎18	16♐14	0♒58	25♉18	3♎51	14♎25	21♒15	14♎ 6	28♈25	22♊59	22♊18	22♒ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21s27	11n59	5n10	14s54	3n 7	24s48	1s14	23n41	2n38	1n 1	1n21	2s44	2n25	15s39	0s45	3s37	1n56	1s27	13s29	23n33	23n36	19s22			n.a.
M 2	21 38	6 30	5 15	14 47	3 7	24 53	1 15	23 38	2 39	0 58	1 21	2 46	2 25	15 38	0 45	3 38	1 56	1 27	13 29	23 33	23 35	19 21			n.a.
T 3	21 49	0 45	5 3	14 45	3 6	24 58	1 17	23 35	2 41	0 55	1 21	2 48	2 26	15 38	0 45	3 38	1 57	1 27	13 29	23 33	23 35	19 19			n.a.
W 4	21 59	4s59	4 33	14 46	3 3	25 1	1 18	23 31	2 43	0 52	1 21	2 50	2 26	15 37	0 45	3 39	1 57	1 27	13 29	23 33	23 35	19 17			n.a.
T 5	22 8	10 24	3 48	14 51	2 59	25 4	1 20	23 28	2 44	0 48	1 21	2 52	2 26	15 36	0 45	3 39	1 57	1 27	13 29	23 33	23 35	19 16			n.a.
F 6	22 17	15 16	2 52	15 0	2 55	25 6	1 21	23 25	2 45	0 45	1 22	2 53	2 26	15 36	0 45	3 40	1 57	1 28	13 28	23 33	23 35	19 14			n.a.
S 7	22 26	19 19	1 47	15 11	2 49	25 7	1 23	23 21	2 47	0 42	1 22	2 55	2 26	15 35	0 45	3 40	1 57	1 28	13 28	23 33	23 35	19 12			n.a.
S 8	22 34	22 22	0 38	15 25	2 42	25 7	1 24	23 18	2 48	0 39	1 22	2 57	2 27	15 35	0 45	3 41	1 57	1 28	13 28	23 33	23 35	19 10			n.a.
M 9	22 42	24 15	0s32	15 41	2 35	25 7	1 25	23 14	2 49	0 36	1 22	2 58	2 27	15 34	0 45	3 41	1 57	1 28	13 28	23 33	23 34	19 9			n.a.
T 10	22 50	24 54	1 38	15 58	2 28	25 5	1 27	23 11	2 50	0 33	1 23	3 0	2 27	15 34	0 45	3 42	1 57	1 28	13 27	23 33	23 34	19 7			n.a.
W11	22 57	24 20	2 40	16 18	2 20	25 3	1 28	23 7	2 51	0 31	1 23	3 2	2 27	15 33	0 45	3 42	1 57	1 28	13 27	23 33	23 34	19 5			n.a.
T 12	23 3	22 39	3 33	16 38	2 12	25 1	1 29	23 4	2 52	0 28	1 23	3 3	2 27	15 32	0 45	3 43	1 57	1 28	13 27	23 33	23 34	19 4			n.a.
F 13	23 9	19 59	4 17	16 59	2 3	24 57	1 30	23 0	2 53	0 25	1 23	3 5	2 28	15 32	0 45	3 43	1 57	1 28	13 27	23 33	23 34	19 2			n.a.
S 14	23 15	16 31	4 50	17 22	1 55	24 53	1 31	22 57	2 54	0 23	1 23	3 6	2 28	15 31	0 45	3 44	1 57	1 28	13 26	23 33	23 34	19 0			n.a.
S 15	23 20	12 23	5 10	17 45	1 46	24 48	1 32	22 53	2 55	0 20	1 24	3 7	2 28	15 30	0 45	3 44	1 57	1 28	13 26	23 33	23 33	18 58			n.a.
M16	23 24	7 45	5 17	18 8	1 37	24 42	1 33	22 50	2 55	0 17	1 24	3 9	2 28	15 30	0 45	3 44	1 57	1 28	13 26	23 33	23 33	18 57			n.a.
T 17	23 28	2 46	5 11	18 31	1 28	24 35	1 33	22 47	2 56	0 15	1 24	3 10	2 28	15 29	0 45	3 45	1 57	1 28	13 26	23 33	23 33	18 55			n.a.
W18	23 32	2n27	4 49	18 55	1 20	24 28	1 34	22 43	2 56	0 13	1 24	3 12	2 29	15 28	0 45	3 45	1 57	1 28	13 25	23 33	23 33	18 53			n.a.
T 19	23 35	7 42	4 14	19 19	1 11	24 20	1 35	22 40	2 57	0 10	1 25	3 13	2 29	15 27	0 45	3 46	1 57	1 28	13 25	23 33	23 33	18 51			n.a.
F 20	23 38	12 47	3 24	19 42	1 2	24 11	1 35	22 37	2 57	0 8	1 25	3 14	2 29	15 27	0 45	3 46	1 58	1 28	13 25	23 33	23 33	18 50			n.a.
S 21	23 40	17 24	2 21	20 6	0 53	24 1	1 36	22 34	2 57	0 6	1 25	3 15	2 29	15 26	0 45	3 46	1 58	1 28	13 25	23 33	23 32	18 48			n.a.
S 22	23 42	21 13	1 8	20 29	0 45	23 51	1 36	22 31	2 58	0 4	1 25	3 17	2 30	15 25	0 45	3 47	1 58	1 28	13 24	23 33	23 32	18 46			n.a.
M23	23 43	23 49	0n11	20 51	0 36	23 40	1 37	22 29	2 58	0 2	1 26	3 18	2 30	15 24	0 45	3 47	1 58	1 27	13 24	23 33	23 32	18 44			n.a.
T 24	23 44	24 53	1 30	21 13	0 28	23 28	1 37	22 26	2 58	0s 1	1 26	3 19	2 30	15 24	0 45	3 47	1 58	1 27	13 24	23 33	23 32	18 43			n.a.
W25	23 44	24 14	2 45	21 35	0 19	23 15	1 37	22 24	2 58	0 2	1 26	3 20	2 30	15 23	0 45	3 47	1 58	1 27	13 24	23 33	23 32	18 41			n.a.
T 26	23 44	21 53	3 48	21 55	0 11	23 2	1 37	22 21	2 58	0 4	1 26	3 21	2 31	15 22	0 45	3 48	1 58	1 27	13 23	23 33	23 32	18 39			n.a.
F 27	23 43	18 6	4 37	22 16	0 3	22 48	1 38	22 19	2 58	0 6	1 27	3 22	2 31	15 21	0 45	3 48	1 58	1 27	13 23	23 33	23 31	18 37			n.a.
S 28	23 42	13 17	5 6	22 35	0s 5	22 34	1 38	22 17	2 58	0 8	1 27	3 23	2 31	15 20	0 44	3 48	1 58	1 27	13 23	23 33	23 31	18 35			n.a.
S 29	23 41	7 49	5 17	22 53	0 12	22 19	1 38	22 15	2 58	0 10	1 27	3 24	2 31	15 19	0 44	3 48	1 58	1 27	13 22	23 33	23 31	18 34			n.a.
M30	23 39	2 3	5 8	23 11	0 20	22 3	1 37	22 13	2 58	0 11	1 27	3 25	2 31	15 19	0 44	3 49	1 58	1 27	13 22	23 33	23 31	18 32			n.a.
T 31	23s36	3s41	4n42	23s28	0s27	21s46	1s37	22n12	2n58	0s13	1n28	3s26	2n32	15s18	0s44	3s49	1n58	1s26	13s22	23n33	23n31	18s30			n.a.

Julian Day Number = 1595746.5, Delta T = 04h02m19s
Ecliptic obliquity = 23°44'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'22, Lahiri = - 8°42'22 Julian Calendar 1 Dec. 345 BCE == Greg. Calendar 26 Nov. 345 BCE

The year -344 astronomical counting style corresponds to year 345 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

JANUARY 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 23 14	6♑55'33	3♏44	17♐40	2♒13	25°R13	3♎55	14♎28	21♒17	14♎ 7	28°R25	23♊ 0	22♊15	22♒16	n.a.	W 1
T 2	6 27 11	7°56'27	16°53	19° 8	3°27	25♉ 9	3°59	14°31	21°20	14° 7	28♈25	23° 1	22°12	22°23	n.a.	T 2
F 3	6 31 8	8°57'21	29°47	20°36	4°41	25° 5	4° 3	14°33	21°23	14° 8	28°24	23° 3	22° 9	22°29	n.a.	F 3
S 4	6 35 4	9°58'13	12♐28	22° 6	5°56	25° 3	4° 7	14°36	21°25	14° 8	28°24	23° 4	22° 5	22°36	n.a.	S 4
S 5	6 39 1	10°59'04	24°57	23°36	7°10	25° 1	4°11	14°38	21°28	14° 9	28°24	23°R 4	22° 2	22°43	n.a.	S 5
M 6	6 42 57	11°59'54	7♑15	25° 7	8°24	25° 0	4°14	14°40	21°31	14° 9	28°24	23° 3	21°59	22°49	n.a.	M 6
T 7	6 46 54	13° 0'42	19°25	26°39	9°38	25°D 0	4°17	14°42	21°34	14°10	28°23	23° 2	21°56	22°56	n.a.	T 7
W 8	6 50 50	14° 1'29	1♒27	28°11	10°52	25° 0	4°20	14°44	21°37	14°10	28°23	22°59	21°53	23° 3	n.a.	W 8
T 9	6 54 47	15° 2'15	13°23	29°45	12° 7	25° 1	4°23	14°46	21°40	14°11	28°23	22°55	21°50	23°10	n.a.	T 9
F 10	6 58 44	16° 2'58	25°15	1♑19	13°21	25° 3	4°26	14°48	21°43	14°11	28°23	22°51	21°46	23°16	n.a.	F 10
S 11	7 2 40	17° 3'40	7♓ 6	2°54	14°35	25° 6	4°28	14°50	21°45	14°11	28°23	22°47	21°43	23°23	n.a.	S 11
S 12	7 6 37	18° 4'20	18°58	4°30	15°49	25° 9	4°30	14°51	21°48	14°12	28°23	22°43	21°40	23°30	n.a.	S 12
M13	7 10 33	19° 4'59	0♈55	6° 7	17° 3	25°13	4°33	14°53	21°51	14°12	28°23	22°41	21°37	23°36	n.a.	M13
T 14	7 14 30	20° 5'35	13° 2	7°44	18°17	25°18	4°34	14°54	21°54	14°12	28°23	22°39	21°34	23°43	n.a.	T 14
W15	7 18 26	21° 6'09	25°23	9°22	19°30	25°24	4°36	14°56	21°57	14°12	28°23	22°D39	21°30	23°50	n.a.	W15
T 16	7 22 23	22° 6'42	8♉ 3	11° 2	20°44	25°30	4°38	14°57	22° 1	14°12	28°D23	22°40	21°27	23°57	n.a.	T 16
F 17	7 26 19	23° 7'13	21° 5	12°42	21°58	25°37	4°39	14°58	22° 4	14°12	28°23	22°42	21°24	24° 3	n.a.	F 17
S 18	7 30 16	24° 7'41	4♊33	14°23	23°12	25°44	4°40	14°59	22° 7	14°12	28°23	22°43	21°21	24°10	n.a.	S 18
S 19	7 34 13	25° 8'08	18°29	16° 5	24°25	25°52	4°41	15° 0	22°10	14°12	28°23	22°R44	21°18	24°17	n.a.	S 19
M20	7 38 9	26° 8'33	2♋52	17°48	25°39	26° 1	4°42	15° 1	22°13	14°R12	28°23	22°44	21°15	24°23	n.a.	M20
T 21	7 42 6	27° 8'56	17°38	19°32	26°53	26°10	4°43	15° 1	22°16	14°12	28°23	22°42	21°11	24°30	n.a.	T 21
W22	7 46 2	28° 9'18	2♌41	21°17	28° 6	26°20	4°43	15° 2	22°19	14°12	28°23	22°38	21° 8	24°37	n.a.	W22
T 23	7 49 59	29° 9'37	17°52	23° 2	29°19	26°30	4°43	15° 3	22°23	14°12	28°23	22°33	21° 5	24°43	n.a.	T 23
F 24	7 53 55	0♒ 9'54	3♍ 0	24°49	0♓33	26°41	4°R43	15° 3	22°26	14°12	28°23	22°28	21° 2	24°50	n.a.	F 24
S 25	7 57 52	1°10'10	17°56	26°37	1°46	26°53	4°43	15° 3	22°29	14°12	28°23	22°22	20°59	24°57	n.a.	S 25
S 26	8 1 48	2°10'24	2♎32	28°26	2°59	27° 5	4°43	15° 3	22°32	14°12	28°24	22°18	20°56	25° 4	n.a.	S 26
M27	8 5 45	3°10'37	16°44	0♒16	4°13	27°17	4°42	15°R 4	22°36	14°12	28°24	22°15	20°52	25°10	n.a.	M27
T 28	8 9 42	4°10'48	0♏30	2° 6	5°26	27°30	4°42	15° 4	22°39	14°11	28°24	22°D13	20°49	25°17	n.a.	T 28
W29	8 13 38	5°10'57	13°52	3°58	6°39	27°44	4°41	15° 3	22°42	14°11	28°24	22°13	20°46	25°24	n.a.	W29
T 30	8 17 35	6°11'05	26°51	5°51	7°52	27°58	4°40	15° 3	22°45	14°11	28°25	22°15	20°43	25°30	n.a.	T 30
F 31	8 21 31	7♒11'11	9♐32	7♒44	9♓ 5	28♉13	4♎39	15♎ 3	22♒49	14♎10	28♈25	22♊16	20♊40	25♒37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23s33	9s 9	4n 0	23s43	0s34	21s29	1s37	22n10	2n57	0s14	1n28	3s26	2n32	15s17	0s44	3s49	1n58	1s26	13s22	23n33	23n30	18s28			n.a.
T 2	23 30	14 6	3 7	23 58	0 41	21 11	1 37	22 9	2 57	0 16	1 28	3 27	2 32	15 16	0 44	3 49	1 58	1 26	13 21	23 33	23 30	18 26			n.a.
F 3	23 26	18 19	2 5	24 12	0 48	20 53	1 36	22 8	2 57	0 17	1 28	3 28	2 32	15 15	0 44	3 49	1 58	1 26	13 21	23 33	23 30	18 24			n.a.
S 4	23 21	21 36	0 58	24 24	0 54	20 34	1 36	22 7	2 56	0 18	1 29	3 29	2 33	15 14	0 44	3 50	1 59	1 26	13 21	23 33	23 30	18 23			n.a.
S 5	23 17	23 49	0s10	24 35	1 0	20 15	1 35	22 6	2 56	0 19	1 29	3 29	2 33	15 13	0 44	3 50	1 59	1 26	13 20	23 33	23 30	18 21			n.a.
M 6	23 11	24 50	1 18	24 45	1 6	19 54	1 34	22 5	2 56	0 21	1 29	3 30	2 33	15 12	0 44	3 50	1 59	1 25	13 20	23 33	23 29	18 19			n.a.
T 7	23 6	24 37	2 20	24 54	1 12	19 34	1 34	22 5	2 55	0 22	1 29	3 31	2 33	15 11	0 44	3 50	1 59	1 25	13 20	23 33	23 29	18 17			n.a.
W 8	22 59	23 16	3 16	25 1	1 18	19 13	1 33	22 5	2 55	0 23	1 30	3 31	2 34	15 10	0 44	3 50	1 59	1 25	13 19	23 33	23 29	18 15			n.a.
T 9	22 53	20 53	4 3	25 7	1 23	18 51	1 32	22 4	2 54	0 23	1 30	3 32	2 34	15 9	0 44	3 50	1 59	1 25	13 19	23 33	23 29	18 13			n.a.
F 10	22 46	17 37	4 38	25 12	1 28	18 29	1 31	22 4	2 54	0 24	1 30	3 32	2 34	15 8	0 44	3 50	1 59	1 25	13 19	23 32	23 29	18 11			n.a.
S 11	22 38	13 40	5 2	25 15	1 32	18 6	1 30	22 5	2 53	0 25	1 30	3 33	2 34	15 7	0 44	3 50	1 59	1 24	13 18	23 32	23 28	18 10			n.a.
S 12	22 30	9 12	5 13	25 16	1 37	17 43	1 29	22 5	2 53	0 26	1 31	3 33	2 35	15 6	0 44	3 50	1 59	1 24	13 18	23 32	23 28	18 8			n.a.
M13	22 22	4 22	5 10	25 16	1 41	17 19	1 28	22 5	2 52	0 26	1 31	3 33	2 35	15 5	0 44	3 50	1 59	1 24	13 18	23 32	23 28	18 6			n.a.
T 14	22 13	0n42	4 54	25 15	1 45	16 55	1 27	22 6	2 52	0 27	1 31	3 34	2 35	15 4	0 44	3 50	1 59	1 23	13 18	23 32	23 28	18 4			n.a.
W15	22 3	5 51	4 24	25 12	1 48	16 30	1 25	22 7	2 51	0 27	1 31	3 34	2 35	15 3	0 44	3 50	1 59	1 23	13 17	23 32	23 28	18 2			n.a.
T 16	21 54	10 53	3 41	25 7	1 51	16 5	1 24	22 8	2 50	0 28	1 32	3 34	2 36	15 2	0 44	3 50	1 59	1 23	13 17	23 32	23 27	18 0			n.a.
F 17	21 44	15 36	2 45	25 1	1 54	15 39	1 22	22 9	2 50	0 28	1 32	3 34	2 36	15 1	0 44	3 50	1 59	1 23	13 17	23 32	23 27	17 58			n.a.
S 18	21 33	19 43	1 38	24 53	1 56	15 14	1 21	22 10	2 49	0 28	1 32	3 35	2 36	15 0	0 44	3 50	2 0	1 22	13 16	23 32	23 27	17 56			n.a.
S 19	21 22	22 51	0 23	24 43	1 58	14 47	1 19	22 11	2 48	0 28	1 32	3 35	2 37	14 59	0 44	3 50	2 0	1 22	13 16	23 32	23 27	17 54			n.a.
M20	21 11	24 37	0n55	24 31	2 0	14 21	1 18	22 13	2 48	0 29	1 33	3 35	2 37	14 58	0 44	3 50	2 0	1 22	13 16	23 32	23 27	17 53			n.a.
T 21	20 59	24 44	2 12	24 18	2 1	13 54	1 16	22 14	2 47	0 29	1 33	3 35	2 37	14 57	0 44	3 50	2 0	1 21	13 15	23 32	23 26	17 51			n.a.
W22	20 47	23 3	3 20	24 2	2 2	13 26	1 14	22 16	2 46	0 28	1 33	3 35	2 37	14 56	0 44	3 50	2 0	1 21	13 15	23 32	23 26	17 49			n.a.
T 23	20 35	19 43	4 16	23 45	2 2	12 59	1 12	22 18	2 46	0 28	1 34	3 35	2 38	14 55	0 44	3 50	2 0	1 21	13 15	23 32	23 26	17 47			n.a.
F 24	20 22	15 4	4 53	23 26	2 2	12 31	1 10	22 20	2 45	0 28	1 34	3 35	2 38	14 54	0 44	3 50	2 0	1 20	13 14	23 31	23 26	17 45			n.a.
S 25	20 9	9 34	5 9	23 5	2 2	12 2	1 8	22 22	2 44	0 28	1 34	3 35	2 38	14 53	0 44	3 50	2 0	1 20	13 14	23 31	23 26	17 43			n.a.
S 26	19 55	3 38	5 5	22 42	2 1	11 34	1 6	22 24	2 44	0 27	1 34	3 34	2 38	14 52	0 44	3 49	2 0	1 20	13 14	23 31	23 25	17 41			n.a.
M27	19 41	2s19	4 43	22 17	1 59	11 5	1 4	22 26	2 43	0 27	1 35	3 34	2 39	14 51	0 44	3 49	2 0	1 19	13 14	23 30	23 25	17 39			n.a.
T 28	19 27	7 59	4 4	21 50	1 57	10 35	1 2	22 29	2 42	0 26	1 35	3 34	2 39	14 50	0 44	3 49	2 0	1 19	13 13	23 30	23 25	17 37			n.a.
W29	19 13	13 8	3 13	21 22	1 55	10 6	0 59	22 31	2 42	0 26	1 35	3 34	2 39	14 49	0 44	3 49	2 0	1 19	13 13	23 30	23 25	17 35			n.a.
T 30	18 58	17 32	2 13	20 51	1 52	9 36	0 57	22 34	2 41	0 25	1 35	3 33	2 39	14 47	0 44	3 49	2 0	1 18	13 13	23 30	23 24	17 33			n.a.
F 31	18s42	21s 2	1n 8	20s18	1s48	9s 6	0s55	22n36	2n40	0s24	1n36	3s33	2n40	14s46	0s44	3s49	2n 0	1s18	13s12	23n31	23n24	17s31			n.a.

Julian Day Number = 1595777.5, Delta T = 04h02m18s
Ecliptic obliquity = 23°44'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'18, Lahiri = - 8°42'18 Julian Calendar 1 Jan. 344 BCE == Greg. Calendar 27 Dec. 345 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

FEBRUARY 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 28	8♒11'15	21♐57	9♒39	10♓18	28♉28	4°R37	15°R 2	22♒52	14°R10	28♈25	22°R17	20♊36	25♒44	n.a.	S 1
S 2	8 29 24	9°11'17	4♑11	11°34	11°31	28°43	4♎35	15♎ 2	22°55	14♎ 9	28°26	22♊16	20°33	25°51	n.a.	S 2
M 3	8 33 21	10°11'18	16°17	13°30	12°44	28°59	4°34	15° 1	22°59	14° 9	28°26	22°13	20°30	25°57	n.a.	M 3
T 4	8 37 17	11°11'17	28°16	15°26	13°56	29°16	4°32	15° 1	23° 2	14° 8	28°26	22° 8	20°27	26° 4	n.a.	T 4
W 5	8 41 14	12°11'13	10♒10	17°24	15° 9	29°33	4°29	15° 0	23° 6	14° 8	28°27	22° 0	20°24	26°11	n.a.	W 5
T 6	8 45 11	13°11'08	22° 3	19°21	16°22	29°50	4°27	14°59	23° 9	14° 7	28°27	21°51	20°21	26°17	n.a.	T 6
F 7	8 49 7	14°11'01	3♓54	21°19	17°34	0♊ 8	4°24	14°58	23°12	14° 7	28°28	21°40	20°17	26°24	n.a.	F 7
S 8	8 53 4	15°10'51	15°46	23°16	18°47	0°26	4°22	14°57	23°16	14° 6	28°28	21°29	20°14	26°31	n.a.	S 8
S 9	8 57 0	16°10'39	27°40	25°13	19°59	0°44	4°19	14°56	23°19	14° 6	28°29	21°20	20°11	26°38	n.a.	S 9
M10	9 0 57	17°10'25	9♈40	27°10	21°12	1° 3	4°16	14°54	23°23	14° 5	28°29	21°12	20° 8	26°44	n.a.	M10
T 11	9 4 53	18°10'08	21°47	29° 6	22°24	1°23	4°12	14°53	23°26	14° 4	28°30	21° 6	20° 5	26°51	n.a.	T 11
W12	9 8 50	19° 9'49	4♉ 6	1♓ 0	23°36	1°42	4° 9	14°51	23°29	14° 3	28°30	21° 2	20° 1	26°58	n.a.	W12
T 13	9 12 46	20° 9'28	16°41	2°53	24°48	2° 2	4° 5	14°50	23°33	14° 3	28°31	21°D 1	19°58	27° 4	n.a.	T 13
F 14	9 16 43	21° 9'05	29°36	4°44	26° 0	2°23	4° 1	14°48	23°36	14° 2	28°31	21° 1	19°55	27°11	n.a.	F 14
S 15	9 20 39	22° 8'39	12♊55	6°32	27°12	2°43	3°57	14°46	23°40	14° 1	28°32	21° 2	19°52	27°18	n.a.	S 15
S 16	9 24 36	23° 8'10	26°42	8°18	28°24	3° 5	3°53	14°45	23°43	14° 0	28°33	21°R 2	19°49	27°25	n.a.	S 16
M17	9 28 33	24° 7'40	10♋57	10° 0	29°36	3°26	3°49	14°43	23°46	13°59	28°33	21° 0	19°46	27°31	n.a.	M17
T 18	9 32 29	25° 7'07	25°39	11°38	0♈47	3°48	3°45	14°41	23°50	13°58	28°34	20°56	19°42	27°38	n.a.	T 18
W19	9 36 26	26° 6'31	10♌44	13°12	1°59	4°10	3°40	14°38	23°53	13°57	28°35	20°50	19°39	27°45	n.a.	W19
T 20	9 40 22	27° 5'54	26° 2	14°42	3°10	4°32	3°35	14°36	23°57	13°56	28°36	20°41	19°36	27°51	n.a.	T 20
F 21	9 44 19	28° 5'14	11♍23	16° 6	4°22	4°55	3°30	14°34	24° 0	13°55	28°36	20°31	19°33	27°58	n.a.	F 21
S 22	9 48 15	29° 4'32	26°34	17°24	5°33	5°17	3°25	14°32	24° 4	13°54	28°37	20°21	19°30	28° 5	n.a.	S 22
S 23	9 52 12	0♓ 3'48	11♎27	18°37	6°44	5°41	3°20	14°29	24° 7	13°53	28°38	20°13	19°27	28°12	n.a.	S 23
M24	9 56 8	1° 3'02	25°53	19°43	7°55	6° 4	3°15	14°26	24°10	13°52	28°39	20° 6	19°23	28°18	n.a.	M24
T 25	10 0 5	2° 2'14	9♏50	20°44	9° 6	6°28	3° 9	14°24	24°14	13°51	28°39	20° 2	19°20	28°25	n.a.	T 25
W26	10 4 2	3° 1'24	23°18	21°37	10°17	6°52	3° 3	14°21	24°17	13°50	28°40	20° 0	19°17	28°32	n.a.	W26
T 27	10 7 58	4° 0'33	6♐19	22°23	11°28	7°16	2°58	14°18	24°21	13°49	28°41	19°D59	19°14	28°38	n.a.	T 27
F 28	10 11 55	4♓59'39	18♐57	23♓ 3	12♈39	7♊41	2♎52	14♎15	24♒24	13♎48	28♈42	20°R 0	19♊11	28♒45	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s27	23s28	0n 2	19s43	1s44	8s36	0s52	22n39	2n39	0s24	1n36	3s33	2n40	14s45	0s44	3s48	2n 0	1s17	13s12	23n31	23n24	17s29		n.a.
S 2	18 11	24 44	1s 4	19 7	1 39	8 6	0 50	22 42	2 39	0 23	1 36	3 32	2 40	14 44	0 44	3 48	2 1	1 17	13 12	23 31	23 24	17 27		n.a.
M 3	17 55	24 49	2 6	18 28	1 34	7 35	0 47	22 45	2 38	0 22	1 36	3 32	2 40	14 43	0 44	3 48	2 1	1 17	13 11	23 30	23 24	17 25		n.a.
T 4	17 38	23 43	3 1	17 48	1 28	7 5	0 44	22 48	2 37	0 21	1 37	3 31	2 41	14 42	0 44	3 48	2 1	1 16	13 11	23 30	23 23	17 23		n.a.
W 5	17 21	21 34	3 48	17 6	1 21	6 34	0 42	22 51	2 36	0 20	1 37	3 31	2 41	14 41	0 44	3 47	2 1	1 16	13 11	23 30	23 23	17 21		n.a.
T 6	17 4	18 31	4 25	16 22	1 14	6 3	0 39	22 54	2 36	0 19	1 37	3 30	2 41	14 40	0 44	3 47	2 1	1 15	13 10	23 29	23 23	17 19		n.a.
F 7	16 47	14 42	4 51	15 37	1 6	5 31	0 36	22 57	2 35	0 17	1 37	3 30	2 41	14 38	0 44	3 47	2 1	1 15	13 10	23 28	23 23	17 17		n.a.
S 8	16 29	10 20	5 4	14 50	0 57	5 0	0 33	23 0	2 34	0 16	1 37	3 29	2 42	14 37	0 44	3 47	2 1	1 14	13 10	23 28	23 22	17 15		n.a.
S 9	16 11	5 34	5 3	14 2	0 48	4 29	0 30	23 4	2 33	0 15	1 38	3 28	2 42	14 36	0 44	3 46	2 1	1 14	13 10	23 27	23 22	17 13		n.a.
M10	15 53	0 33	4 50	13 13	0 38	3 57	0 27	23 7	2 33	0 13	1 38	3 27	2 42	14 35	0 44	3 46	2 1	1 13	13 9	23 26	23 22	17 11		n.a.
T 11	15 34	4n32	4 23	12 22	0 28	3 26	0 24	23 10	2 32	0 12	1 38	3 27	2 42	14 34	0 44	3 46	2 1	1 13	13 9	23 26	23 22	17 9		n.a.
W12	15 16	9 32	3 44	11 31	0 17	2 54	0 21	23 14	2 31	0 10	1 38	3 26	2 42	14 33	0 44	3 45	2 1	1 13	13 9	23 26	23 21	17 7		n.a.
T 13	14 57	14 16	2 53	10 40	0 6	2 22	0 18	23 17	2 30	0 8	1 39	3 25	2 43	14 32	0 44	3 45	2 1	1 12	13 8	23 26	23 21	17 5		n.a.
F 14	14 38	18 30	1 52	9 48	0n 6	1 50	0 15	23 20	2 30	0 7	1 39	3 24	2 43	14 30	0 44	3 44	2 1	1 12	13 8	23 26	23 21	17 3		n.a.
S 15	14 18	21 55	0 43	8 56	0 18	1 18	0 12	23 24	2 29	0 5	1 39	3 23	2 43	14 29	0 44	3 44	2 1	1 11	13 8	23 26	23 21	17 1		n.a.
S 16	13 58	24 12	0n30	8 5	0 31	0 47	0 9	23 27	2 28	0 3	1 39	3 22	2 43	14 28	0 44	3 44	2 1	1 11	13 8	23 26	23 20	16 59		n.a.
M17	13 39	25 0	1 44	7 14	0 44	0 15	0 5	23 31	2 27	0 1	1 39	3 21	2 44	14 27	0 44	3 43	2 1	1 10	13 7	23 26	23 20	16 57		n.a.
T 18	13 19	24 7	2 53	6 25	0 57	0n17	0 2	23 34	2 27	0n 1	1 40	3 20	2 44	14 26	0 44	3 43	2 1	1 10	13 7	23 25	23 20	16 55		n.a.
W19	12 58	21 29	3 52	5 36	1 10	0 49	0n 1	23 38	2 26	0 3	1 40	3 19	2 44	14 25	0 44	3 43	2 2	1 9	13 7	23 25	23 20	16 53		n.a.
T 20	12 38	17 18	4 35	4 50	1 23	1 21	0 5	23 41	2 25	0 5	1 40	3 18	2 44	14 24	0 44	3 42	2 2	1 9	13 6	23 24	23 19	16 50		n.a.
F 21	12 17	11 58	4 59	4 5	1 36	1 53	0 8	23 45	2 25	0 7	1 40	3 17	2 44	14 22	0 44	3 42	2 2	1 8	13 6	23 24	23 19	16 48		n.a.
S 22	11 56	5 58	5 1	3 22	1 49	2 24	0 11	23 48	2 24	0 9	1 40	3 16	2 45	14 21	0 44	3 41	2 2	1 8	13 6	23 23	23 19	16 46		n.a.
S 23	11 35	0s16	4 42	2 42	2 1	2 56	0 15	23 52	2 23	0 12	1 41	3 15	2 45	14 20	0 44	3 41	2 2	1 7	13 6	23 22	23 19	16 44		n.a.
M24	11 14	6 19	4 6	2 5	2 13	3 28	0 18	23 55	2 22	0 14	1 41	3 14	2 45	14 19	0 44	3 40	2 2	1 7	13 5	23 22	23 18	16 42		n.a.
T 25	10 53	11 51	3 16	1 30	2 25	3 59	0 22	23 59	2 22	0 16	1 41	3 13	2 45	14 18	0 44	3 40	2 2	1 6	13 5	23 21	23 18	16 40		n.a.
W26	10 31	16 38	2 17	0 59	2 36	4 31	0 25	24 2	2 21	0 19	1 41	3 11	2 45	14 17	0 44	3 39	2 2	1 6	13 5	23 21	23 18	16 38		n.a.
T 27	10 10	20 27	1 12	0 31	2 46	5 2	0 29	24 6	2 20	0 21	1 41	3 10	2 46	14 16	0 44	3 39	2 2	1 5	13 5	23 21	23 18	16 36		n.a.
F 28	9s48	23s11	0n 6	0s 7	2n55	5n33	0n33	24n 9	2n19	0n24	1n41	3s 9	2n46	14s14	0s44	3s38	2n 2	1s 4	13s 4	23n21	23n17	16s34		n.a.

Julian Day Number = 1595808.5, Delta T = 04h02m17s
Ecliptic obliquity = 23°44'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'14, Lahiri = - 8°42'13 Julian Calendar 1 Feb. 344 BCE == Greg. Calendar 27 Jan. 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

MARCH 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 15 51	5♓58'44	1♉16	23♓35	13♈49	8♊ 5	2°R46	14°R12	24♒27	13°R47	28♈43	19°R59	19♊ 7	28♒52	n.a.	S 1
S 2	10 19 48	6°57'47	13°23	24° 1	15° 0	8°30	2♎40	14♎ 9	24°31	13♎45	28°44	19♊57	19° 4	28°59	n.a.	S 2
M 3	10 23 44	7°56'48	25°21	24°19	16°10	8°56	2°33	14° 6	24°34	13°44	28°45	19°52	19° 1	29° 5	n.a.	M 3
T 4	10 27 41	8°55'47	7♒14	24°30	17°21	9°21	2°27	14° 3	24°37	13°43	28°45	19°45	18°58	29°12	n.a.	T 4
W 5	10 31 37	9°54'44	19° 5	24°R34	18°31	9°47	2°20	14° 0	24°41	13°42	28°46	19°34	18°55	29°19	n.a.	W 5
T 6	10 35 34	10°53'39	0♓55	24°31	19°41	10°13	2°14	13°57	24°44	13°40	28°47	19°21	18°52	29°25	n.a.	T 6
F 7	10 39 30	11°52'32	12°48	24°21	20°51	10°39	2° 7	13°53	24°47	13°39	28°48	19° 7	18°48	29°32	n.a.	F 7
S 8	10 43 27	12°51'22	24°44	24° 6	22° 1	11° 5	2° 0	13°50	24°51	13°38	28°49	18°53	18°45	29°39	n.a.	S 8
S 9	10 47 24	13°50'11	6♈44	23°44	23°10	11°32	1°53	13°46	24°54	13°36	28°50	18°40	18°42	29°46	n.a.	S 9
M10	10 51 20	14°48'57	18°50	23°17	24°20	11°59	1°46	13°43	24°57	13°35	28°51	18°28	18°39	29°52	n.a.	M10
T 11	10 55 17	15°47'41	1♉ 4	22°46	25°29	12°25	1°39	13°39	25° 1	13°34	28°52	18°19	18°36	29°59	n.a.	T 11
W12	10 59 13	16°46'23	13°28	22°11	26°39	12°53	1°32	13°35	25° 4	13°32	28°53	18°14	18°33	0♓ 6	n.a.	W12
T 13	11 3 10	17°45'03	26° 5	21°32	27°48	13°20	1°25	13°32	25° 7	13°31	28°54	18°10	18°29	0°12	n.a.	T 13
F 14	11 7 6	18°43'40	8♊59	20°51	28°57	13°48	1°18	13°28	25°10	13°30	28°55	18° 9	18°26	0°19	n.a.	F 14
S 15	11 11 3	19°42'15	22°13	20° 8	0♉ 6	14°15	1°10	13°24	25°13	13°28	28°57	18° 9	18°23	0°26	n.a.	S 15
S 16	11 14 59	20°40'48	5♋51	19°24	1°15	14°43	1° 3	13°20	25°17	13°27	28°58	18° 9	18°20	0°33	n.a.	S 16
M17	11 18 56	21°39'18	19°54	18°40	2°23	15°11	0°56	13°16	25°20	13°25	28°59	18° 7	18°17	0°39	n.a.	M17
T 18	11 22 53	22°37'47	4♌23	17°57	3°32	15°40	0°48	13°12	25°23	13°24	29° 0	18° 3	18°13	0°46	n.a.	T 18
W19	11 26 49	23°36'12	19°14	17°15	4°40	16° 8	0°41	13° 8	25°26	13°22	29° 1	17°56	18°10	0°53	n.a.	W19
T 20	11 30 46	24°34'36	4♍22	16°36	5°48	16°37	0°33	13° 4	25°29	13°21	29° 2	17°47	18° 7	0°59	n.a.	T 20
F 21	11 34 42	25°32'57	19°36	15°59	6°57	17° 6	0°25	13° 0	25°32	13°19	29° 3	17°36	18° 4	1° 6	n.a.	F 21
S 22	11 38 39	26°31'17	4♎47	15°26	8° 4	17°34	0°18	12°56	25°35	13°18	29° 4	17°25	18° 1	1°13	n.a.	S 22
S 23	11 42 35	27°29'35	19°42	14°56	9°12	18° 3	0°10	12°51	25°38	13°16	29° 6	17°15	17°58	1°20	n.a.	S 23
M24	11 46 32	28°27'50	4♏15	14°31	10°20	18°33	0° 3	12°47	25°41	13°15	29° 7	17° 7	17°54	1°26	n.a.	M24
T 25	11 50 28	29°26'05	18°20	14°10	11°27	19° 2	29♍55	12°43	25°44	13°13	29° 8	17° 2	17°51	1°33	n.a.	T 25
W26	11 54 25	0♈24'17	1♐54	13°54	12°34	19°32	29°47	12°39	25°47	13°11	29° 9	17° 0	17°48	1°40	n.a.	W26
T 27	11 58 21	1°22'28	15° 1	13°43	13°41	20° 1	29°40	12°34	25°50	13°10	29°10	16°D59	17°45	1°46	n.a.	T 27
F 28	12 2 18	2°20'38	27°43	13°37	14°48	20°31	29°32	12°30	25°53	13° 8	29°12	16°R59	17°42	1°53	n.a.	F 28
S 29	12 6 15	3°18'46	10♑ 5	13°D35	15°55	21° 1	29°24	12°26	25°56	13° 7	29°13	16°59	17°38	2° 0	n.a.	S 29
S 30	12 10 11	4°16'52	22°11	13°39	17° 1	21°31	29°17	12°21	25°59	13° 5	29°14	16°58	17°35	2° 7	n.a.	S 30
M31	12 14 8	5♈14'57	4♒ 8	13♓47	18♉ 7	22♊ 1	29♍ 9	12♎17	26♒ 2	13♎ 3	29♈15	16♊54	17♊32	2♓13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s26	24s43	0s59	0n14	3n 3	6n 4	0n36	24n13	2n19	0n26	1n42	3s 7	2n46	14s13	0s44	3s38	2n 2	1s 4	13s 4	23n21	23n17	16s32		n.a.
S 2	9 4	25 3	2 1	0 30	3 11	6 35	0 40	24 16	2 18	0 29	1 42	3 6	2 46	14 12	0 44	3 37	2 2	1 3	13 4	23 21	23 17	16 29		n.a.
M 3	8 42	24 12	2 55	0 43	3 17	7 6	0 43	24 19	2 17	0 31	1 42	3 5	2 46	14 11	0 44	3 37	2 2	1 3	13 4	23 21	23 17	16 27		n.a.
T 4	8 19	22 16	3 42	0 52	3 22	7 37	0 47	24 23	2 17	0 34	1 42	3 3	2 46	14 10	0 44	3 36	2 2	1 2	13 3	23 20	23 16	16 25		n.a.
W 5	7 57	19 23	4 19	0 57	3 26	8 7	0 51	24 26	2 16	0 37	1 42	3 2	2 47	14 9	0 44	3 36	2 2	1 2	13 3	23 19	23 16	16 23		n.a.
T 6	7 34	15 42	4 44	0 58	3 28	8 38	0 54	24 29	2 15	0 40	1 42	3 1	2 47	14 8	0 44	3 35	2 2	1 1	13 3	23 18	23 16	16 21		n.a.
F 7	7 12	11 24	4 58	0 55	3 29	9 8	0 58	24 32	2 15	0 42	1 42	2 59	2 47	14 7	0 44	3 35	2 2	1 1	13 3	23 17	23 16	16 19		n.a.
S 8	6 49	6 40	4 58	0 48	3 28	9 38	1 1	24 36	2 14	0 45	1 42	2 58	2 47	14 5	0 44	3 34	2 2	1 0	13 2	23 16	23 15	16 17		n.a.
S 9	6 26	1 39	4 45	0 37	3 26	10 7	1 5	24 39	2 13	0 48	1 42	2 56	2 47	14 4	0 44	3 34	2 2	1 0	13 2	23 15	23 15	16 14		n.a.
M10	6 3	3n29	4 19	0 23	3 22	10 37	1 9	24 42	2 12	0 51	1 43	2 55	2 47	14 3	0 44	3 33	2 2	0 59	13 2	23 14	23 15	16 12		n.a.
T 11	5 40	8 32	3 41	0 6	3 16	11 6	1 12	24 45	2 12	0 54	1 43	2 53	2 48	14 2	0 44	3 32	2 2	0 58	13 2	23 13	23 14	16 10		n.a.
W12	5 17	13 21	2 52	0s15	3 9	11 35	1 16	24 48	2 11	0 57	1 43	2 51	2 48	14 1	0 44	3 32	2 2	0 58	13 2	23 13	23 14	16 8		n.a.
T 13	4 54	17 41	1 54	0 38	3 1	12 3	1 20	24 50	2 10	1 0	1 43	2 50	2 48	14 0	0 44	3 31	2 2	0 57	13 1	23 12	23 14	16 6		n.a.
F 14	4 31	21 17	0 48	1 4	2 51	12 32	1 23	24 53	2 10	1 3	1 43	2 48	2 48	13 59	0 44	3 31	2 3	0 57	13 1	23 12	23 14	16 4		n.a.
S 15	4 8	23 52	0n21	1 31	2 39	13 0	1 27	24 56	2 9	1 6	1 43	2 47	2 48	13 58	0 44	3 30	2 3	0 56	13 1	23 12	23 13	16 1		n.a.
S 16	3 44	25 8	1 32	2 0	2 27	13 28	1 30	24 59	2 8	1 9	1 43	2 45	2 48	13 57	0 44	3 29	2 3	0 56	13 1	23 12	23 13	15 59		n.a.
M17	3 21	24 52	2 39	2 30	2 13	13 55	1 34	25 1	2 8	1 12	1 43	2 43	2 48	13 56	0 44	3 29	2 3	0 55	13 0	23 12	23 13	15 57		n.a.
T 18	2 58	22 56	3 38	3 0	1 59	14 22	1 37	25 4	2 7	1 15	1 43	2 42	2 48	13 55	0 44	3 28	2 3	0 55	13 0	23 12	23 13	15 55		n.a.
W19	2 34	19 24	4 24	3 31	1 43	14 49	1 41	25 6	2 6	1 18	1 43	2 40	2 48	13 54	0 44	3 28	2 3	0 54	13 0	23 11	23 12	15 53		n.a.
T 20	2 11	14 33	4 52	4 1	1 28	15 16	1 44	25 8	2 6	1 21	1 43	2 38	2 49	13 53	0 44	3 27	2 3	0 53	13 0	23 10	23 12	15 51		n.a.
F 21	1 47	8 45	5 0	4 30	1 11	15 42	1 48	25 11	2 5	1 24	1 43	2 37	2 49	13 51	0 44	3 26	2 3	0 53	13 0	23 9	23 12	15 48		n.a.
S 22	1 24	2 27	4 47	4 58	0 55	16 7	1 51	25 13	2 4	1 27	1 43	2 35	2 49	13 50	0 44	3 26	2 3	0 52	13 0	23 8	23 11	15 46		n.a.
S 23	1 1	3s53	4 14	5 25	0 39	16 33	1 54	25 15	2 4	1 30	1 43	2 33	2 49	13 49	0 44	3 25	2 3	0 52	12 59	23 7	23 11	15 44		n.a.
M24	0 37	9 53	3 25	5 50	0 22	16 58	1 58	25 17	2 3	1 33	1 43	2 31	2 49	13 48	0 44	3 25	2 3	0 51	12 59	23 6	23 11	15 42		n.a.
T 25	0 14	15 10	2 25	6 13	0 6	17 22	2 1	25 19	2 2	1 36	1 43	2 30	2 49	13 47	0 44	3 24	2 3	0 51	12 59	23 6	23 10	15 39		n.a.
W26	0n10	19 31	1 19	6 33	0s10	17 46	2 4	25 20	2 2	1 39	1 43	2 28	2 49	13 46	0 44	3 23	2 3	0 50	12 59	23 6	23 10	15 37		n.a.
T 27	0 33	22 43	0 10	6 52	0 25	18 10	2 7	25 22	2 1	1 42	1 43	2 26	2 49	13 45	0 44	3 23	2 3	0 49	12 59	23 6	23 10	15 35		n.a.
F 28	0 57	24 40	0s57	7 8	0 40	18 33	2 11	25 24	2 0	1 46	1 43	2 24	2 49	13 44	0 44	3 22	2 3	0 49	12 59	23 6	23 10	15 33		n.a.
S 29	1 20	25 20	1 59	7 21	0 54	18 56	2 14	25 25	2 0	1 49	1 43	2 23	2 49	13 43	0 44	3 21	2 3	0 48	12 58	23 6	23 9	15 30		n.a.
S 30	1 43	24 46	2 55	7 32	1 7	19 19	2 17	25 27	1 59	1 52	1 43	2 21	2 49	13 43	0 44	3 21	2 3	0 48	12 58	23 5	23 9	15 28		n.a.
M31	2n 7	23s 4	3s42	7s41	1s20	19n40	2n20	25n28	1n59	1n55	1n43	2s19	2n49	13s42	0s44	3s20	2n 3	0s47	12s58	23n 5	23n 9	15s26		n.a.

Julian Day Number = 1595836.5, Delta T = 04h02m16s
Ecliptic obliquity = 23°44'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'10, Lahiri = - 8°42'10 Julian Calendar 1 March 344 BCE == Greg. Calendar 24 Feb. 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

APRIL 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 18 4	6♈13'00	16♒ 0	14♓ 0	19♉14	22♊32	29°R 1	12°R12	26♒ 5	13°R 2	29♈17	16°R48	17♊29	2♓20	n.a.	T 1
W 2	12 22 1	7°11'02	27°50	14°18	20°19	23° 2	28♍54	12♎ 8	26° 7	13♎ 0	29°18	16♊39	17°26	2°27	n.a.	W 2
T 3	12 25 57	8° 9'02	9♓42	14°40	21°25	23°33	28°46	12° 4	26°10	12°59	29°19	16°28	17°23	2°34	n.a.	T 3
F 4	12 29 54	9° 7'00	21°38	15° 7	22°31	24° 3	28°39	11°59	26°13	12°57	29°20	16°16	17°19	2°40	n.a.	F 4
S 5	12 33 50	10° 4'57	3♈40	15°37	23°36	24°34	28°32	11°55	26°16	12°55	29°22	16° 4	17°16	2°47	n.a.	S 5
S 6	12 37 47	11° 2'52	15°49	16°12	24°41	25° 5	28°24	11°50	26°18	12°54	29°23	15°52	17°13	2°54	n.a.	S 6
M 7	12 41 44	12° 0'46	28° 7	16°51	25°46	25°36	28°17	11°46	26°21	12°52	29°24	15°42	17°10	3° 0	n.a.	M 7
T 8	12 45 40	12°58'37	10♉34	17°33	26°50	26° 8	28°10	11°41	26°24	12°50	29°26	15°35	17° 7	3° 7	n.a.	T 8
W 9	12 49 37	13°56'28	23°11	18°19	27°55	26°39	28° 2	11°37	26°26	12°49	29°27	15°30	17° 4	3°14	n.a.	W 9
T 10	12 53 33	14°54'16	6♊ 0	19° 9	28°59	27°11	27°55	11°32	26°29	12°47	29°28	15°28	17° 0	3°21	n.a.	T 10
F 11	12 57 30	15°52'03	19° 2	20° 1	0♊ 3	27°42	27°48	11°28	26°31	12°46	29°30	15°D27	16°57	3°27	n.a.	F 11
S 12	13 1 26	16°49'48	2♋20	20°58	1° 6	28°14	27°41	11°23	26°34	12°44	29°31	15°28	16°54	3°34	n.a.	S 12
S 13	13 5 23	17°47'31	15°57	21°57	2°10	28°46	27°35	11°19	26°36	12°42	29°32	15°R29	16°51	3°41	n.a.	S 13
M14	13 9 19	18°45'13	29°53	22°59	3°13	29°17	27°28	11°15	26°38	12°41	29°34	15°28	16°48	3°47	n.a.	M14
T 15	13 13 16	19°42'52	14♌ 8	24° 4	4°16	29°49	27°21	11°10	26°41	12°39	29°35	15°26	16°44	3°54	n.a.	T 15
W16	13 17 13	20°40'30	28°42	25°12	5°18	0♋22	27°15	11° 6	26°43	12°37	29°36	15°21	16°41	4° 1	n.a.	W16
T 17	13 21 9	21°38'06	13♍29	26°23	6°20	0°54	27° 8	11° 1	26°45	12°36	29°38	15°15	16°38	4° 8	n.a.	T 17
F 18	13 25 6	22°35'41	28°23	27°37	7°22	1°26	27° 2	10°57	26°48	12°34	29°39	15° 7	16°35	4°14	n.a.	F 18
S 19	13 29 2	23°33'14	13♎15	28°53	8°24	1°58	26°56	10°53	26°50	12°33	29°40	14°59	16°32	4°21	n.a.	S 19
S 20	13 32 59	24°30'46	27°58	0♈12	9°25	2°31	26°50	10°49	26°52	12°31	29°42	14°52	16°29	4°28	n.a.	S 20
M21	13 36 55	25°28'16	12♏22	1°33	10°26	3° 4	26°44	10°44	26°54	12°30	29°43	14°47	16°25	4°34	n.a.	M21
T 22	13 40 52	26°25'46	26°24	2°57	11°26	3°36	26°38	10°40	26°56	12°28	29°44	14°43	16°22	4°41	n.a.	T 22
W23	13 44 48	27°23'14	9♐59	4°23	12°26	4° 9	26°32	10°36	26°58	12°26	29°46	14°D42	16°19	4°48	n.a.	W23
T 24	13 48 45	28°20'42	23° 9	5°52	13°26	4°42	26°26	10°32	27° 1	12°25	29°47	14°42	16°16	4°55	n.a.	T 24
F 25	13 52 42	29°18'08	5♑54	7°23	14°26	5°15	26°21	10°28	27° 3	12°23	29°49	14°43	16°13	5° 1	n.a.	F 25
S 26	13 56 38	0♑15'34	18°20	8°57	15°25	5°48	26°16	10°24	27° 4	12°22	29°50	14°44	16°10	5° 8	n.a.	S 26
S 27	14 0 35	1°12'59	0♒30	10°33	16°23	6°21	26°10	10°20	27° 6	12°20	29°51	14°R45	16° 6	5°15	n.a.	S 27
M28	14 4 31	2°10'22	12°29	12°12	17°22	6°54	26° 5	10°16	27° 8	12°19	29°53	14°44	16° 3	5°22	n.a.	M28
T 29	14 8 28	3° 7'45	24°22	13°52	18°19	7°27	26° 0	10°12	27°10	12°17	29°54	14°42	16° 0	5°28	n.a.	T 29
W30	14 12 24	4♑ 5'08	6♓14	15♈36	19♊17	8♋ 1	25♍56	10♎ 8	27♒12	12♎16	29♈55	14♊38	15♊57	5♓35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n30	20s22	4s20	7s47	1s32	20n 2	2n23	25n29	1n58	1n58	1n43	2s17	2n49	13s41	0s44	3s19	2n 3	0s47	12s58	23n 4	23n 8	15s24		n.a.
W 2	2 53	16 50	4 46	7 50	1 43	20 23	2 25	25 30	1 57	2 1	1 43	2 16	2 49	13 40	0 44	3 19	2 3	0 46	12 58	23 4	23 8	15 21		n.a.
T 3	3 16	12 39	5 0	7 51	1 54	20 43	2 28	25 31	1 57	2 3	1 43	2 14	2 49	13 39	0 44	3 18	2 3	0 45	12 58	23 2	23 8	15 19		n.a.
F 4	3 39	7 57	5 0	7 50	2 4	21 3	2 31	25 32	1 56	2 6	1 42	2 12	2 49	13 38	0 44	3 18	2 3	0 45	12 58	23 1	23 7	15 17		n.a.
S 5	4 2	2 55	4 48	7 46	2 13	21 23	2 34	25 33	1 55	2 9	1 42	2 10	2 49	13 37	0 44	3 17	2 3	0 44	12 57	23 0	23 7	15 15		n.a.
S 6	4 25	2n17	4 22	7 40	2 21	21 42	2 36	25 33	1 55	2 12	1 42	2 9	2 49	13 36	0 44	3 16	2 3	0 44	12 57	22 59	23 7	15 12		n.a.
M 7	4 48	7 27	3 44	7 31	2 28	22 0	2 39	25 34	1 54	2 15	1 42	2 7	2 49	13 35	0 45	3 16	2 3	0 43	12 57	22 58	23 7	15 10		n.a.
T 8	5 11	12 25	2 55	7 21	2 35	22 18	2 41	25 34	1 53	2 18	1 42	2 5	2 49	13 34	0 45	3 15	2 3	0 43	12 57	22 57	23 6	15 8		n.a.
W 9	5 34	16 56	1 56	7 8	2 40	22 36	2 43	25 35	1 53	2 21	1 42	2 3	2 49	13 33	0 45	3 14	2 3	0 42	12 57	22 56	23 6	15 5		n.a.
T 10	5 57	20 45	0 50	6 53	2 45	22 52	2 46	25 35	1 52	2 23	1 42	2 2	2 49	13 33	0 45	3 14	2 3	0 42	12 57	22 56	23 6	15 3		n.a.
F 11	6 19	23 36	0n19	6 36	2 50	23 9	2 48	25 35	1 52	2 26	1 42	2 0	2 49	13 32	0 45	3 13	2 3	0 41	12 57	22 56	23 5	15 1		n.a.
S 12	6 42	25 12	1 29	6 16	2 53	23 24	2 50	25 35	1 51	2 29	1 41	1 58	2 49	13 31	0 45	3 12	2 3	0 40	12 57	22 56	23 5	14 59		n.a.
S 13	7 4	25 21	2 36	5 55	2 56	23 39	2 52	25 34	1 50	2 31	1 41	1 57	2 49	13 30	0 45	3 12	2 3	0 40	12 57	22 56	23 5	14 56		n.a.
M14	7 26	23 55	3 35	5 32	2 58	23 54	2 54	25 34	1 50	2 34	1 41	1 55	2 49	13 29	0 45	3 11	2 3	0 39	12 57	22 56	23 4	14 54		n.a.
T 15	7 48	20 57	4 22	5 7	2 59	24 8	2 56	25 33	1 49	2 36	1 41	1 53	2 49	13 28	0 45	3 11	2 3	0 39	12 56	22 56	23 4	14 52		n.a.
W16	8 10	16 38	4 53	4 41	3 0	24 21	2 57	25 33	1 49	2 39	1 41	1 51	2 49	13 28	0 45	3 10	2 3	0 38	12 56	22 55	23 4	14 49		n.a.
T 17	8 32	11 16	5 6	4 12	3 0	24 34	2 59	25 32	1 48	2 41	1 41	1 50	2 49	13 27	0 45	3 9	2 3	0 38	12 56	22 55	23 3	14 47		n.a.
F 18	8 54	5 11	4 58	3 42	2 59	24 46	3 0	25 31	1 47	2 44	1 40	1 48	2 49	13 26	0 45	3 9	2 3	0 37	12 56	22 54	23 3	14 45		n.a.
S 19	9 15	1s10	4 30	3 10	2 58	24 58	3 2	25 30	1 47	2 46	1 40	1 47	2 49	13 25	0 45	3 8	2 3	0 37	12 56	22 53	23 3	14 42		n.a.
S 20	9 37	7 24	3 44	2 37	2 56	25 9	3 3	25 29	1 46	2 48	1 40	1 45	2 49	13 25	0 45	3 7	2 3	0 36	12 56	22 52	23 2	14 40		n.a.
M21	9 58	13 8	2 45	2 1	2 54	25 19	3 4	25 28	1 46	2 51	1 40	1 43	2 49	13 24	0 45	3 7	2 3	0 36	12 56	22 51	23 2	14 38		n.a.
T 22	10 19	18 1	1 37	1 25	2 50	25 29	3 5	25 26	1 45	2 53	1 40	1 42	2 48	13 23	0 45	3 6	2 3	0 35	12 56	22 51	23 2	14 35		n.a.
W23	10 40	21 48	0 25	0 47	2 47	25 38	3 6	25 25	1 44	2 55	1 40	1 40	2 48	13 23	0 45	3 6	2 3	0 35	12 56	22 51	23 1	14 33		n.a.
T 24	11 1	24 19	0s45	0 7	2 42	25 47	3 7	25 23	1 44	2 57	1 39	1 39	2 48	13 22	0 45	3 5	2 3	0 34	12 56	22 51	23 1	14 31		n.a.
F 25	11 22	25 28	1 52	0n34	2 37	25 55	3 7	25 21	1 43	2 59	1 39	1 37	2 48	13 21	0 45	3 4	2 3	0 34	12 56	22 51	23 1	14 28		n.a.
S 26	11 42	25 18	2 52	1 16	2 32	26 2	3 8	25 19	1 43	3 1	1 39	1 36	2 48	13 21	0 45	3 4	2 3	0 33	12 56	22 51	23 0	14 26		n.a.
S 27	12 3	23 54	3 42	2 0	2 25	26 9	3 8	25 17	1 42	3 3	1 39	1 34	2 48	13 20	0 45	3 3	2 3	0 33	12 56	22 51	23 0	14 23		n.a.
M28	12 23	21 27	4 22	2 45	2 19	26 15	3 8	25 14	1 41	3 5	1 38	1 33	2 48	13 19	0 45	3 3	2 3	0 32	12 56	22 51	23 0	14 21		n.a.
T 29	12 43	18 7	4 50	3 31	2 12	26 21	3 8	25 12	1 41	3 6	1 38	1 31	2 48	13 19	0 45	3 2	2 3	0 32	12 56	22 51	22 59	14 19		n.a.
W30	13n 2	14s 4	5s 6	4n19	2s 4	26n25	3n 8	25n 9	1n40	3n 8	1n38	1s30	2n48	13s18	0s45	3s 2	2n 3	0s31	12s56	22n50	22n59	14s16		n.a.

Julian Day Number = 1595867.5, Delta T = 04h02m15s
Ecliptic obliquity = 23°44'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'06, Lahiri = - 8°42'05 Julian Calendar 1 Apr. 344 BCE == Greg. Calendar 27 March 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

MAY 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 16 21	5♉ 2'29	18♓ 8	17♈21	20♊14	8♋34	25°R51	10°R 4	27♒14	12°R14	29♈57	14°R33	15♊54	5♓42	n.a.	T 1
F 2	14 20 17	5°59'50	0♈ 9	19° 9	21°10	9° 8	25♍47	10♎ 0	27°15	12♎13	29°58	14♊26	15°50	5°48	n.a.	F 2
S 3	14 24 14	6°57'10	12°18	21° 0	22° 6	9°42	25°42	9°56	27°17	12°11	29°59	14°19	15°47	5°55	n.a.	S 3
S 4	14 28 11	7°54'29	24°37	22°52	23° 2	10°15	25°38	9°53	27°19	12°10	0♉ 1	14°13	15°44	6° 2	n.a.	S 4
M 5	14 32 7	8°51'47	7♉ 9	24°47	23°57	10°49	25°34	9°49	27°20	12° 9	0° 2	14° 8	15°41	6° 9	n.a.	M 5
T 6	14 36 4	9°49'04	19°52	26°44	24°51	11°23	25°30	9°45	27°22	12° 7	0° 3	14° 4	15°38	6°15	n.a.	T 6
W 7	14 40 0	10°46'21	2♊49	28°43	25°45	11°57	25°27	9°42	27°23	12° 6	0° 5	14° 2	15°35	6°22	n.a.	W 7
T 8	14 43 57	11°43'37	15°57	0♉44	26°39	12°31	25°23	9°38	27°25	12° 4	0° 6	14°D 1	15°31	6°29	n.a.	T 8
F 9	14 47 53	12°40'52	29°18	2°48	27°32	13° 5	25°20	9°35	27°26	12° 3	0° 8	14° 2	15°28	6°35	n.a.	F 9
S 10	14 51 50	13°38'06	12♋52	4°53	28°24	13°39	25°17	9°32	27°28	12° 2	0° 9	14° 3	15°25	6°42	n.a.	S 10
S 11	14 55 46	14°35'19	26°38	6°59	29°15	14°14	25°14	9°28	27°29	12° 0	0°10	14° 5	15°22	6°49	n.a.	S 11
M12	14 59 43	15°32'31	10♌37	9° 7	0♋ 6	14°48	25°11	9°25	27°30	11°59	0°11	14°R 6	15°19	6°56	n.a.	M12
T 13	15 3 40	16°29'43	24°47	11°16	0°56	15°22	25° 8	9°22	27°31	11°58	0°13	14° 6	15°15	7° 2	n.a.	T 13
W14	15 7 36	17°26'53	9♍ 6	13°26	1°46	15°57	25° 6	9°19	27°33	11°57	0°14	14° 4	15°12	7° 9	n.a.	W14
T 15	15 11 33	18°24'02	23°33	15°37	2°35	16°31	25° 4	9°16	27°34	11°55	0°15	14° 2	15° 9	7°16	n.a.	T 15
F 16	15 15 29	19°21'11	8♎ 1	17°49	3°23	17° 6	25° 2	9°13	27°35	11°54	0°17	13°59	15° 6	7°23	n.a.	F 16
S 17	15 19 26	20°18'19	22°27	20° 0	4°10	17°41	25° 0	9°10	27°36	11°53	0°18	13°56	15° 3	7°29	n.a.	S 17
S 18	15 23 22	21°15'26	6♏44	22°12	4°56	18°16	24°58	9° 8	27°37	11°52	0°19	13°53	15° 0	7°36	n.a.	S 18
M19	15 27 19	22°12'33	20°48	24°23	5°42	18°50	24°56	9° 5	27°38	11°51	0°21	13°50	14°56	7°43	n.a.	M19
T 20	15 31 15	23° 9'39	4♐34	26°33	6°26	19°25	24°55	9° 2	27°39	11°49	0°22	13°49	14°53	7°49	n.a.	T 20
W21	15 35 12	24° 6'46	18° 0	28°43	7°10	20° 0	24°54	9° 0	27°40	11°48	0°23	13°D49	14°50	7°56	n.a.	W21
T 22	15 39 9	25° 3'52	1♑ 5	0♊51	7°53	20°35	24°53	8°58	27°40	11°47	0°24	13°50	14°47	8° 3	n.a.	T 22
F 23	15 43 5	26° 0'58	13°50	2°58	8°34	21°10	24°52	8°55	27°41	11°46	0°26	13°51	14°44	8°10	n.a.	F 23
S 24	15 47 2	26°58'04	26°16	5° 4	9°15	21°46	24°51	8°53	27°42	11°45	0°27	13°52	14°41	8°16	n.a.	S 24
S 25	15 50 58	27°55'10	8♒28	7° 9	9°55	22°21	24°51	8°51	27°43	11°44	0°28	13°54	14°37	8°23	n.a.	S 25
M26	15 54 55	28°52'16	20°29	9°11	10°33	22°56	24°50	8°49	27°43	11°43	0°29	13°54	14°34	8°30	n.a.	M26
T 27	15 58 51	29°49'22	2♓24	11°12	11°11	23°32	24°D50	8°47	27°44	11°42	0°31	13°R54	14°31	8°36	n.a.	T 27
W28	16 2 48	0♊46'28	14°17	13°11	11°47	24° 7	24°50	8°45	27°44	11°41	0°32	13°54	14°28	8°43	n.a.	W28
T 29	16 6 45	1°43'34	26°14	15° 8	12°22	24°43	24°51	8°43	27°45	11°40	0°33	13°53	14°25	8°50	n.a.	T 29
F 30	16 10 41	2°40'41	8♈17	17° 3	12°56	25°18	24°51	8°41	27°45	11°39	0°34	13°52	14°21	8°57	n.a.	F 30
S 31	16 14 38	3♊37'47	20♈31	18♊56	13♋28	25♋54	24♍52	8♎39	27♒45	11♎39	0♉35	13♊50	14♊18	9♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n22	9s28	5s 9	5n 7	1s56	26n30	3n 8	25n 7	1n40	3n10	1n38	1s28	2n47	13s18	0s45	3s 1	2n 3	0s31	12s56	22n50	22n59	14s14			n.a.
F 2	13 41	4 29	4 58	5 56	1 47	26 33	3 8	25 4	1 39	3 11	1 37	1 27	2 47	13 17	0 45	3 0	2 3	0 30	12 56	22 49	22 58	14 12			n.a.
S 3	14 0	0n44	4 34	6 47	1 38	26 37	3 7	25 1	1 38	3 13	1 37	1 26	2 47	13 16	0 45	3 0	2 3	0 30	12 56	22 48	22 58	14 9			n.a.
S 4	14 19	6 0	3 56	7 38	1 29	26 39	3 6	24 58	1 38	3 14	1 37	1 24	2 47	13 16	0 45	2 59	2 3	0 29	12 56	22 47	22 58	14 7			n.a.
M 5	14 38	11 7	3 7	8 29	1 19	26 41	3 5	24 54	1 37	3 15	1 37	1 23	2 47	13 15	0 45	2 59	2 3	0 29	12 56	22 47	22 57	14 4			n.a.
T 6	14 56	15 53	2 8	9 22	1 9	26 42	3 4	24 51	1 37	3 17	1 36	1 22	2 47	13 15	0 45	2 58	2 3	0 29	12 56	22 46	22 57	14 2			n.a.
W 7	15 14	19 59	1 1	10 14	0 59	26 43	3 3	24 47	1 36	3 18	1 36	1 20	2 46	13 14	0 45	2 58	2 2	0 28	12 56	22 46	22 57	14 0			n.a.
T 8	15 32	23 10	0n11	11 7	0 48	26 43	3 2	24 43	1 35	3 19	1 36	1 19	2 46	13 14	0 46	2 57	2 2	0 28	12 56	22 46	22 56	13 57			n.a.
F 9	15 50	25 7	1 23	12 0	0 38	26 43	3 0	24 39	1 35	3 20	1 36	1 18	2 46	13 13	0 46	2 57	2 2	0 27	12 56	22 46	22 56	13 55			n.a.
S 10	16 8	25 37	2 31	12 53	0 27	26 42	2 58	24 35	1 34	3 21	1 35	1 17	2 46	13 13	0 46	2 56	2 2	0 27	12 56	22 46	22 56	13 52			n.a.
S 11	16 25	24 33	3 32	13 46	0 16	26 40	2 56	24 31	1 34	3 22	1 35	1 16	2 46	13 13	0 46	2 56	2 2	0 26	12 56	22 46	22 55	13 50			n.a.
M12	16 42	21 59	4 22	14 38	0 5	26 38	2 54	24 27	1 33	3 23	1 35	1 15	2 46	13 12	0 46	2 55	2 2	0 26	12 56	22 47	22 55	13 47			n.a.
T 13	16 59	18 3	4 56	15 29	0n 6	26 36	2 52	24 22	1 32	3 24	1 35	1 14	2 45	13 12	0 46	2 55	2 2	0 26	12 56	22 47	22 55	13 45			n.a.
W14	17 15	13 4	5 12	16 20	0 16	26 33	2 49	24 17	1 32	3 25	1 34	1 13	2 45	13 11	0 46	2 54	2 2	0 25	12 56	22 46	22 54	13 43			n.a.
T 15	17 31	7 19	5 9	17 9	0 27	26 29	2 46	24 13	1 31	3 25	1 34	1 12	2 45	13 11	0 46	2 54	2 2	0 25	12 56	22 46	22 54	13 40			n.a.
F 16	17 47	1 9	4 46	17 56	0 37	26 25	2 43	24 8	1 31	3 26	1 34	1 11	2 45	13 11	0 46	2 53	2 2	0 24	12 56	22 46	22 54	13 38			n.a.
S 17	18 3	5s 3	4 6	18 42	0 46	26 20	2 40	24 3	1 30	3 26	1 33	1 10	2 45	13 10	0 46	2 53	2 2	0 24	12 56	22 45	22 53	13 35			n.a.
S 18	18 18	10 57	3 10	19 26	0 55	26 15	2 37	23 57	1 30	3 27	1 33	1 9	2 44	13 10	0 46	2 53	2 2	0 24	12 56	22 45	22 53	13 33			n.a.
M19	18 33	16 12	2 3	20 8	1 4	26 10	2 33	23 52	1 29	3 27	1 33	1 8	2 44	13 10	0 46	2 52	2 2	0 23	12 56	22 45	22 53	13 30			n.a.
T 20	18 48	20 29	0 51	20 48	1 12	26 4	2 29	23 46	1 28	3 27	1 33	1 7	2 44	13 10	0 46	2 52	2 2	0 23	12 56	22 45	22 52	13 28			n.a.
W21	19 2	23 34	0s23	21 25	1 20	25 57	2 25	23 40	1 28	3 28	1 32	1 6	2 44	13 9	0 46	2 51	2 2	0 22	12 56	22 45	22 52	13 25			n.a.
T 22	19 16	25 18	1 34	22 0	1 27	25 50	2 21	23 34	1 27	3 28	1 32	1 6	2 44	13 9	0 46	2 51	2 2	0 22	12 56	22 45	22 51	13 23			n.a.
F 23	19 30	25 38	2 38	22 32	1 33	25 43	2 16	23 28	1 27	3 28	1 32	1 5	2 43	13 9	0 46	2 51	2 2	0 22	12 57	22 45	22 51	13 20			n.a.
S 24	19 43	24 39	3 33	23 2	1 39	25 35	2 11	23 22	1 26	3 28	1 31	1 4	2 43	13 9	0 46	2 50	2 2	0 21	12 57	22 45	22 51	13 18			n.a.
S 25	19 57	22 30	4 18	23 29	1 44	25 27	2 6	23 16	1 25	3 28	1 31	1 4	2 43	13 8	0 46	2 50	2 2	0 21	12 57	22 45	22 50	13 15			n.a.
M26	20 9	19 25	4 50	23 53	1 48	25 19	2 0	23 9	1 25	3 28	1 31	1 3	2 43	13 8	0 46	2 50	2 2	0 21	12 57	22 45	22 50	13 13			n.a.
T 27	20 22	15 33	5 10	24 15	1 52	25 10	1 55	23 3	1 24	3 27	1 30	1 2	2 42	13 8	0 46	2 49	2 2	0 20	12 57	22 45	22 50	13 10			n.a.
W28	20 34	11 6	5 16	24 34	1 55	25 1	1 49	22 56	1 24	3 27	1 30	1 2	2 42	13 8	0 46	2 49	2 2	0 20	12 57	22 45	22 49	13 8			n.a.
T 29	20 46	6 13	5 9	24 50	1 57	24 51	1 42	22 49	1 23	3 27	1 30	1 1	2 42	13 8	0 46	2 49	2 2	0 20	12 57	22 45	22 49	13 5			n.a.
F 30	20 57	1 4	4 48	25 4	1 58	24 41	1 36	22 42	1 23	3 26	1 30	1 1	2 42	13 8	0 46	2 48	2 1	0 20	12 57	22 45	22 48	13 3			n.a.
S 31	21n 8	4n12	4s14	25n15	1n59	24n31	1n29	22n34	1n22	3n26	1n29	1s 0	2n41	13s 8	0s46	2s48	2n 1	0s19	12s57	22n45	22n48	13s 0			n.a.

Julian Day Number = 1595897.5, Delta T = 04h02m14s
Ecliptic obliquity = 23°44'15, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°49'02, Lahiri = - 8°42'01 Julian Calendar 1 May 344 BCE == Greg. Calendar 26 Apr. 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

JUNE 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 18 34	4♊34'54	2♉59	20♊47	13♋59	26♋30	24♍52	8°R38	27♒46	11°R38	0♉36	13°R49	14♊15	9♓10	n.a.	S 1
M 2	16 22 31	5°32'01	15°43	22°36	14°29	27° 5	24°53	8♎36	27°46	11♎37	0°38	13♊48	14°12	9°17	n.a.	M 2
T 3	16 26 27	6°29'09	28°43	24°23	14°57	27°41	24°55	8°35	27°46	11°36	0°39	13°47	14° 9	9°24	n.a.	T 3
W 4	16 30 24	7°26'16	12♊ 0	26° 8	15°24	28°17	24°56	8°34	27°47	11°35	0°40	13°D47	14° 6	9°30	n.a.	W 4
T 5	16 34 20	8°23'24	25°33	27°50	15°49	28°53	24°57	8°33	27°47	11°35	0°41	13°47	14° 2	9°37	n.a.	T 5
F 6	16 38 17	9°20'32	9♋19	29°31	16°12	29°29	24°59	8°31	27°47	11°34	0°42	13°48	13°59	9°44	n.a.	F 6
S 7	16 42 14	10°17'40	23°17	1♋10	16°34	0♌ 5	25° 1	8°30	27°R47	11°33	0°43	13°48	13°56	9°50	n.a.	S 7
S 8	16 46 10	11°14'48	7♌23	2°46	16°54	0°41	25° 3	8°30	27°47	11°33	0°44	13°48	13°53	9°57	n.a.	S 8
M 9	16 50 7	12°11'56	21°35	4°21	17°12	1°18	25° 5	8°29	27°47	11°32	0°45	13°48	13°50	10° 4	n.a.	M 9
T 10	16 54 3	13° 9'04	5♍50	5°53	17°28	1°54	25° 8	8°28	27°47	11°32	0°46	13°48	13°47	10°11	n.a.	T 10
W11	16 58 0	14° 6'12	20° 5	7°24	17°42	2°30	25°10	8°27	27°46	11°31	0°48	13°48	13°43	10°17	n.a.	W11
T 12	17 1 56	15° 3'20	4♎17	8°52	17°54	3° 7	25°13	8°27	27°46	11°30	0°49	13°48	13°40	10°24	n.a.	T 12
F 13	17 5 53	16° 0'28	18°24	10°18	18° 4	3°43	25°16	8°26	27°46	11°30	0°50	13°49	13°37	10°31	n.a.	F 13
S 14	17 9 49	16°57'37	2♏24	11°42	18°12	4°20	25°19	8°26	27°46	11°29	0°51	13°49	13°34	10°38	n.a.	S 14
S 15	17 13 46	17°54'45	16°13	13° 4	18°18	4°56	25°22	8°26	27°45	11°29	0°52	13°49	13°31	10°44	n.a.	S 15
M16	17 17 43	18°51'55	29°51	14°23	18°22	5°33	25°25	8°26	27°45	11°29	0°53	13°50	13°27	10°51	n.a.	M16
T 17	17 21 39	19°49'04	13♐14	15°41	18°R23	6°10	25°29	8°D26	27°45	11°28	0°54	13°R50	13°24	10°58	n.a.	T 17
W18	17 25 36	20°46'14	26°22	16°56	18°22	6°46	25°33	8°26	27°44	11°28	0°54	13°50	13°21	11° 4	n.a.	W18
T 19	17 29 32	21°43'25	9♑15	18° 8	18°18	7°23	25°37	8°26	27°44	11°28	0°55	13°49	13°18	11°11	n.a.	T 19
F 20	17 33 29	22°40'37	21°52	19°18	18°12	8° 0	25°41	8°26	27°43	11°27	0°56	13°48	13°15	11°18	n.a.	F 20
S 21	17 37 25	23°37'49	4♒14	20°26	18° 4	8°37	25°45	8°26	27°42	11°27	0°57	13°47	13°12	11°25	n.a.	S 21
S 22	17 41 22	24°35'03	16°25	21°30	17°54	9°14	25°49	8°27	27°42	11°27	0°58	13°45	13° 8	11°31	n.a.	S 22
M23	17 45 19	25°32'17	28°25	22°33	17°41	9°51	25°54	8°27	27°41	11°27	0°59	13°44	13° 5	11°38	n.a.	M23
T 24	17 49 15	26°29'32	10♓20	23°32	17°26	10°28	25°59	8°28	27°40	11°27	1° 0	13°43	13° 2	11°45	n.a.	T 24
W25	17 53 12	27°26'48	22°14	24°28	17° 8	11° 5	26° 3	8°29	27°39	11°26	1° 1	13°D42	12°59	11°52	n.a.	W25
T 26	17 57 8	28°24'06	4♈10	25°22	16°48	11°43	26° 8	8°29	27°38	11°26	1° 1	13°42	12°56	11°58	n.a.	T 26
F 27	18 1 5	29°21'24	16°13	26°12	16°26	12°20	26°14	8°30	27°38	11°26	1° 2	13°43	12°53	12° 5	n.a.	F 27
S 28	18 5 1	0♋18'44	28°28	26°59	16° 2	12°57	26°19	8°31	27°37	11°D26	1° 3	13°44	12°49	12°12	n.a.	S 28
S 29	18 8 58	1°16'05	10♉59	27°42	15°36	13°35	26°24	8°32	27°36	11°26	1° 4	13°45	12°46	12°18	n.a.	S 29
M30	18 12 54	2♋13'27	23♉50	28♋22	15♋ 8	14♌12	26♍30	8♎33	27♒35	11♎26	1♉ 5	13♊47	12♊43	12♓25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n19	9n25	3s27	25n24	1n59	24n21	1n22	22n27	1n21	3n25	1n29	1s 0	2n41	13s 7	0s46	2s48	2n 1	0s19	12s57	22n45	22n48	12s58		n.a.
M 2	21 30	14 22	2 29	25 30	1 59	24 10	1 14	22 19	1 21	3 24	1 29	1 0	2 41	13 7	0 46	2 47	2 1	0 19	12 58	22 44	22 47	12 55		n.a.
T 3	21 40	18 47	1 22	25 34	1 57	23 59	1 6	22 12	1 20	3 24	1 28	0 59	2 41	13 7	0 47	2 47	2 1	0 18	12 58	22 44	22 47	12 53		n.a.
W 4	21 49	22 21	0 10	25 36	1 56	23 48	0 58	22 4	1 20	3 23	1 28	0 59	2 40	13 7	0 47	2 47	2 1	0 18	12 58	22 44	22 47	12 50		n.a.
T 5	21 59	24 44	1n 5	25 36	1 53	23 37	0 50	21 56	1 19	3 22	1 28	0 59	2 40	13 7	0 47	2 47	2 1	0 18	12 58	22 44	22 46	12 48		n.a.
F 6	22 8	25 41	2 17	25 34	1 50	23 25	0 41	21 47	1 19	3 21	1 27	0 59	2 40	13 7	0 47	2 47	2 1	0 18	12 58	22 44	22 46	12 45		n.a.
S 7	22 16	25 1	3 22	25 31	1 47	23 13	0 32	21 39	1 18	3 20	1 27	0 58	2 40	13 7	0 47	2 46	2 1	0 17	12 58	22 44	22 45	12 43		n.a.
S 8	22 24	22 45	4 15	25 25	1 42	23 1	0 22	21 31	1 17	3 19	1 27	0 58	2 39	13 7	0 47	2 46	2 1	0 17	12 58	22 44	22 45	12 40		n.a.
M 9	22 32	19 6	4 53	25 18	1 38	22 49	0 12	21 22	1 17	3 18	1 27	0 58	2 39	13 7	0 47	2 46	2 1	0 17	12 59	22 44	22 45	12 38		n.a.
T 10	22 40	14 20	5 14	25 9	1 32	22 37	0 2	21 13	1 16	3 17	1 26	0 58	2 39	13 8	0 47	2 46	2 1	0 17	12 59	22 45	22 44	12 35		n.a.
W11	22 47	8 47	5 15	24 58	1 27	22 25	0s 8	21 4	1 16	3 15	1 26	0 58	2 39	13 8	0 47	2 46	2 1	0 17	12 59	22 45	22 44	12 33		n.a.
T 12	22 53	2 48	4 57	24 46	1 20	22 13	0 19	20 55	1 15	3 14	1 26	0 58	2 38	13 8	0 47	2 45	2 1	0 16	12 59	22 45	22 43	12 30		n.a.
F 13	23 0	3s17	4 21	24 33	1 14	22 0	0 30	20 46	1 15	3 13	1 25	0 58	2 38	13 8	0 47	2 45	2 1	0 16	12 59	22 45	22 43	12 27		n.a.
S 14	23 5	9 10	3 30	24 19	1 6	21 48	0 42	20 37	1 14	3 11	1 25	0 58	2 38	13 8	0 47	2 45	2 1	0 16	12 59	22 45	22 43	12 25		n.a.
S 15	23 11	14 33	2 27	24 4	0 59	21 35	0 53	20 27	1 13	3 9	1 25	0 58	2 38	13 8	0 47	2 45	2 1	0 16	12 59	22 45	22 42	12 22		n.a.
M16	23 16	19 7	1 17	23 47	0 51	21 23	1 6	20 18	1 13	3 8	1 24	0 59	2 37	13 8	0 47	2 45	2 1	0 16	13 0	22 45	22 42	12 20		n.a.
T 17	23 20	22 37	0 3	23 30	0 42	21 10	1 18	20 8	1 12	3 6	1 24	0 59	2 37	13 9	0 47	2 45	2 0	0 15	13 0	22 45	22 42	12 17		n.a.
W18	23 25	24 50	1s 9	23 12	0 33	20 58	1 31	19 58	1 12	3 4	1 24	0 59	2 37	13 9	0 47	2 45	2 0	0 15	13 0	22 45	22 41	12 15		n.a.
T 19	23 29	25 40	2 16	22 53	0 24	20 45	1 44	19 48	1 11	3 3	1 24	0 59	2 37	13 9	0 47	2 45	2 0	0 15	13 0	22 45	22 41	12 12		n.a.
F 20	23 32	25 9	3 15	22 33	0 14	20 33	1 57	19 38	1 10	3 1	1 23	1 0	2 36	13 9	0 47	2 45	2 0	0 15	13 0	22 44	22 40	12 9		n.a.
S 21	23 35	23 23	4 4	22 13	0 4	20 21	2 11	19 27	1 10	2 59	1 23	1 0	2 36	13 9	0 47	2 45	2 0	0 15	13 0	22 44	22 40	12 7		n.a.
S 22	23 37	20 34	4 41	21 53	0s 7	20 8	2 24	19 17	1 9	2 57	1 23	1 1	2 36	13 10	0 47	2 45	2 0	0 15	13 1	22 44	22 40	12 4		n.a.
M23	23 40	16 55	5 5	21 32	0 18	19 56	2 38	19 6	1 9	2 55	1 22	1 1	2 35	13 10	0 47	2 45	2 0	0 15	13 1	22 44	22 39	12 2		n.a.
T 24	23 41	12 38	5 15	21 11	0 29	19 44	2 52	18 55	1 8	2 52	1 22	1 1	2 35	13 10	0 47	2 45	2 0	0 14	13 1	22 44	22 39	11 59		n.a.
W25	23 43	7 53	5 12	20 50	0 40	19 33	3 6	18 45	1 8	2 50	1 22	1 2	2 35	13 11	0 47	2 45	2 0	0 14	13 1	22 44	22 38	11 56		n.a.
T 26	23 44	2 51	4 56	20 29	0 52	19 21	3 20	18 34	1 7	2 48	1 22	1 3	2 35	13 11	0 47	2 45	2 0	0 14	13 1	22 44	22 38	11 54		n.a.
F 27	23 44	2n22	4 27	20 8	1 4	19 10	3 35	18 22	1 6	2 46	1 21	1 3	2 34	13 11	0 47	2 45	2 0	0 14	13 2	22 44	22 38	11 51		n.a.
S 28	23 44	7 34	3 45	19 47	1 16	18 59	3 49	18 11	1 6	2 43	1 21	1 4	2 34	13 12	0 47	2 45	2 0	0 14	13 2	22 44	22 37	11 49		n.a.
S 29	23 44	12 36	2 51	19 26	1 29	18 48	4 3	18 0	1 5	2 41	1 21	1 5	2 34	13 12	0 48	2 45	2 0	0 14	13 2	22 44	22 37	11 46		n.a.
M30	23n43	17n13	1s48	19n 6	1s41	18n37	4s17	17n48	1n 5	2n38	1n21	1s 5	2n34	13s12	0s48	2s45	2n 0	0s14	13s 2	22n44	22n36	11s43		n.a.

Julian Day Number = 1595928.5, Delta T = 04h02m13s
Ecliptic obliquity = 23°44'15, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'58, Lahiri = - 8°41'57 Julian Calendar 1 June 344 BCE == Greg. Calendar 27 May 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

JULY 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 16 51	3♋10'50	7♊ 2	28♋58	14°R38	14♌50	26♍36	8♎35	27°R34	11♎26	1♉ 5	13°R48	12♊40	12♓32	n.a.	T 1
W 2	18 20 48	4° 8'15	20°35	29°29	14♋ 7	15°27	26°42	8°36	27♒32	11°27	1° 6	13♊48	12°37	12°39	n.a.	W 2
T 3	18 24 44	5° 5'41	4♋30	29°57	13°34	16° 5	26°48	8°38	27°31	11°27	1° 7	13°47	12°33	12°45	n.a.	T 3
F 4	18 28 41	6° 3'07	18°43	0♌20	13° 0	16°43	26°54	8°39	27°30	11°27	1° 7	13°45	12°30	12°52	n.a.	F 4
S 5	18 32 37	7° 0'35	3♌ 9	0°39	12°25	17°21	27° 0	8°41	27°29	11°27	1° 8	13°42	12°27	12°59	n.a.	S 5
S 6	18 36 34	7°58'04	17°42	0°53	11°49	17°59	27° 7	8°43	27°28	11°27	1° 9	13°38	12°24	13° 5	n.a.	S 6
M 7	18 40 30	8°55'34	2♍16	1° 2	11°13	18°36	27°13	8°44	27°26	11°28	1° 9	13°35	12°21	13°12	n.a.	M 7
T 8	18 44 27	9°53'05	16°45	1°R 5	10°36	19°14	27°20	8°46	27°25	11°28	1°10	13°33	12°18	13°19	n.a.	T 8
W 9	18 48 23	10°50'36	1♎ 6	1° 4	9°58	19°52	27°27	8°48	27°23	11°28	1°10	13°31	12°14	13°26	n.a.	W 9
T 10	18 52 20	11°48'09	15°14	0°57	9°21	20°30	27°34	8°51	27°22	11°29	1°11	13°D31	12°11	13°32	n.a.	T 10
F 11	18 56 17	12°45'42	29° 8	0°45	8°45	21° 9	27°41	8°53	27°21	11°29	1°12	13°32	12° 8	13°39	n.a.	F 11
S 12	19 0 13	13°43'17	12♏48	0°27	8° 9	21°47	27°49	8°55	27°19	11°29	1°12	13°33	12° 5	13°46	n.a.	S 12
S 13	19 4 10	14°40'53	26°15	0° 3	7°33	22°25	27°56	8°57	27°17	11°30	1°13	13°35	12° 2	13°53	n.a.	S 13
M14	19 8 6	15°38'30	9♐27	29♋35	6°59	23° 3	28° 4	9° 0	27°16	11°30	1°13	13°R36	11°59	13°59	n.a.	M14
T 15	19 12 3	16°36'08	22°27	29° 1	6°26	23°42	28°11	9° 3	27°14	11°31	1°14	13°35	11°55	14° 6	n.a.	T 15
W16	19 15 59	17°33'48	5♑15	28°23	5°54	24°20	28°19	9° 5	27°13	11°31	1°14	13°34	11°52	14°13	n.a.	W16
T 17	19 19 56	18°31'29	17°51	27°40	5°24	24°59	28°27	9° 8	27°11	11°32	1°14	13°30	11°49	14°19	n.a.	T 17
F 18	19 23 52	19°29'11	0♒16	26°54	4°55	25°37	28°35	9°11	27° 9	11°33	1°15	13°25	11°46	14°26	n.a.	F 18
S 19	19 27 49	20°26'55	12°31	26° 4	4°29	26°16	28°43	9°14	27° 7	11°33	1°15	13°19	11°43	14°33	n.a.	S 19
S 20	19 31 46	21°24'41	24°36	25°13	4° 4	26°54	28°52	9°17	27° 6	11°34	1°16	13°12	11°39	14°40	n.a.	S 20
M21	19 35 42	22°22'28	6♓34	24°20	3°42	27°33	29° 0	9°20	27° 4	11°35	1°16	13° 5	11°36	14°46	n.a.	M21
T 22	19 39 39	23°20'17	18°28	23°27	3°21	28°12	29° 8	9°23	27° 2	11°36	1°16	12°59	11°33	14°53	n.a.	T 22
W23	19 43 35	24°18'08	0♈19	22°35	3° 3	28°51	29°17	9°26	27° 0	11°36	1°17	12°55	11°30	15° 0	n.a.	W23
T 24	19 47 32	25°16'00	12°14	21°45	2°48	29°29	29°26	9°30	26°58	11°37	1°17	12°52	11°27	15° 7	n.a.	T 24
F 25	19 51 28	26°13'55	24°15	20°58	2°35	0♍ 8	29°35	9°33	26°56	11°38	1°17	12°D51	11°24	15°13	n.a.	F 25
S 26	19 55 25	27°11'51	6♉27	20°15	2°24	0°47	29°44	9°37	26°54	11°39	1°17	12°51	11°20	15°20	n.a.	S 26
S 27	19 59 21	28° 9'50	18°56	19°36	2°16	1°26	29°53	9°40	26°52	11°40	1°18	12°53	11°17	15°27	n.a.	S 27
M28	20 3 18	29° 7'50	1♊46	19° 4	2°10	2° 6	0♎ 2	9°44	26°50	11°41	1°18	12°54	11°14	15°33	n.a.	M28
T 29	20 7 15	0♌ 5'53	15° 1	18°39	2° 6	2°45	0°11	9°48	26°48	11°42	1°18	12°R54	11°11	15°40	n.a.	T 29
W30	20 11 11	1° 3'58	28°43	18°20	2°D 5	3°24	0°21	9°51	26°46	11°43	1°18	12°53	11° 8	15°47	n.a.	W30
T 31	20 15 8	2♌ 2'04	12♋51	18♋10	2♋ 6	4♍ 3	0♎30	9♎55	26♒44	11♎44	1♉18	12♊50	11♊ 5	15♓54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n42	21n 9	0s37	18n46	1s54	18n26	4s30	17n36	1n 4	2n36	1n20	1s 6	2n33	13s13	0s48	2s45	2n 0	0s14	13s 2	22n44	22n36	11s41			n.a.
W 2	23 40	24 1	0n37	18 27	2 7	18 16	4 44	17 25	1 3	2 33	1 20	1 7	2 33	13 13	0 48	2 45	1 59	0 14	13 3	22 44	22 35	11 38			n.a.
T 3	23 38	25 31	1 52	18 9	2 19	18 7	4 57	17 13	1 3	2 30	1 20	1 8	2 33	13 14	0 48	2 45	1 59	0 14	13 3	22 44	22 35	11 36			n.a.
F 4	23 36	25 23	3 0	17 51	2 32	17 57	5 10	17 1	1 2	2 28	1 19	1 8	2 32	13 14	0 48	2 45	1 59	0 14	13 3	22 44	22 35	11 33			n.a.
S 5	23 33	23 34	3 59	17 35	2 45	17 48	5 22	16 48	1 2	2 25	1 19	1 9	2 32	13 15	0 48	2 45	1 59	0 14	13 3	22 44	22 34	11 30			n.a.
S 6	23 30	20 11	4 42	17 19	2 58	17 39	5 34	16 36	1 1	2 22	1 19	1 10	2 32	13 15	0 48	2 46	1 59	0 14	13 4	22 43	22 34	11 28			n.a.
M 7	23 26	15 34	5 7	17 5	3 10	17 31	5 46	16 24	1 1	2 19	1 19	1 11	2 32	13 16	0 48	2 46	1 59	0 14	13 4	22 43	22 33	11 25			n.a.
T 8	23 22	10 5	5 13	16 53	3 22	17 23	5 56	16 11	1 0	2 16	1 18	1 12	2 31	13 16	0 48	2 46	1 59	0 14	13 4	22 43	22 33	11 22			n.a.
W 9	23 17	4 7	4 59	16 42	3 33	17 16	6 6	15 58	0 59	2 13	1 18	1 13	2 31	13 17	0 48	2 46	1 59	0 14	13 4	22 42	22 33	11 20			n.a.
T 10	23 12	1s59	4 27	16 33	3 44	17 9	6 16	15 46	0 59	2 10	1 18	1 14	2 31	13 17	0 48	2 46	1 59	0 14	13 4	22 42	22 32	11 17			n.a.
F 11	23 7	7 53	3 39	16 25	3 55	17 3	6 25	15 33	0 58	2 7	1 18	1 16	2 31	13 18	0 48	2 47	1 59	0 14	13 5	22 42	22 32	11 14			n.a.
S 12	23 1	13 20	2 40	16 20	4 4	16 57	6 33	15 20	0 58	2 4	1 17	1 17	2 30	13 18	0 48	2 47	1 59	0 14	13 5	22 43	22 31	11 12			n.a.
S 13	22 55	18 2	1 33	16 16	4 13	16 52	6 40	15 7	0 57	2 1	1 17	1 18	2 30	13 19	0 48	2 47	1 59	0 14	13 5	22 43	22 31	11 9			n.a.
M14	22 48	21 46	0 23	16 15	4 21	16 47	6 47	14 53	0 56	1 57	1 17	1 19	2 30	13 19	0 48	2 47	1 59	0 14	13 5	22 43	22 30	11 6			n.a.
T 15	22 41	24 19	0s48	16 15	4 27	16 43	6 52	14 40	0 56	1 54	1 17	1 20	2 30	13 20	0 48	2 48	1 59	0 14	13 6	22 43	22 30	11 4			n.a.
W16	22 34	25 33	1 55	16 18	4 32	16 39	6 57	14 26	0 55	1 51	1 16	1 22	2 29	13 21	0 48	2 48	1 59	0 14	13 6	22 43	22 30	11 1			n.a.
T 17	22 26	25 26	2 56	16 23	4 35	16 36	7 2	14 13	0 55	1 47	1 16	1 23	2 29	13 21	0 48	2 48	1 58	0 14	13 6	22 42	22 29	10 58			n.a.
F 18	22 18	24 2	3 47	16 30	4 37	16 34	7 5	13 59	0 54	1 44	1 16	1 24	2 29	13 22	0 48	2 48	1 58	0 14	13 6	22 42	22 29	10 56			n.a.
S 19	22 10	21 31	4 26	16 40	4 37	16 32	7 8	13 45	0 53	1 40	1 16	1 26	2 29	13 22	0 48	2 49	1 58	0 14	13 6	22 41	22 28	10 53			n.a.
S 20	22 1	18 5	4 53	16 51	4 35	16 31	7 10	13 31	0 53	1 37	1 15	1 27	2 28	13 23	0 48	2 49	1 58	0 14	13 7	22 40	22 28	10 50			n.a.
M21	21 51	13 57	5 7	17 4	4 31	16 30	7 11	13 17	0 52	1 33	1 15	1 29	2 28	13 24	0 48	2 49	1 58	0 15	13 7	22 39	22 27	10 48			n.a.
T 22	21 41	9 20	5 8	17 18	4 26	16 30	7 12	13 3	0 52	1 29	1 15	1 30	2 28	13 24	0 48	2 50	1 58	0 15	13 7	22 38	22 27	10 45			n.a.
W23	21 31	4 22	4 55	17 34	4 18	16 31	7 12	12 49	0 51	1 26	1 15	1 32	2 28	13 25	0 48	2 50	1 58	0 15	13 7	22 38	22 27	10 42			n.a.
T 24	21 21	0n45	4 30	17 52	4 9	16 32	7 11	12 35	0 50	1 22	1 15	1 33	2 27	13 26	0 48	2 51	1 58	0 15	13 8	22 37	22 26	10 40			n.a.
F 25	21 10	5 55	3 52	18 10	3 58	16 33	7 10	12 20	0 50	1 18	1 14	1 35	2 27	13 27	0 48	2 51	1 58	0 15	13 8	22 37	22 26	10 37			n.a.
S 26	20 59	10 57	3 4	18 29	3 45	16 35	7 8	12 6	0 49	1 14	1 14	1 36	2 27	13 27	0 48	2 51	1 58	0 15	13 8	22 37	22 25	10 34			n.a.
S 27	20 47	15 39	2 6	18 48	3 31	16 38	7 6	11 51	0 49	1 11	1 14	1 38	2 27	13 28	0 48	2 52	1 58	0 15	13 8	22 38	22 25	10 31			n.a.
M28	20 35	19 48	1 0	19 8	3 16	16 40	7 3	11 36	0 48	1 7	1 14	1 40	2 26	13 29	0 48	2 52	1 58	0 16	13 9	22 38	22 24	10 29			n.a.
T 29	20 23	23 4	0n11	19 28	2 59	16 44	7 0	11 22	0 47	1 3	1 13	1 41	2 26	13 29	0 48	2 53	1 58	0 16	13 9	22 38	22 24	10 26			n.a.
W30	20 10	25 8	1 24	19 47	2 42	16 47	6 56	11 7	0 47	0 59	1 13	1 43	2 26	13 30	0 48	2 53	1 58	0 16	13 9	22 38	22 23	10 23			n.a.
T 31	19n57	25n40	2n34	20n 6	2s25	16n51	6s52	10n52	0n46	0n55	1n13	1s45	2n26	13s31	0s48	2s54	1n58	0s16	13s 9	22n37	22n23	10s21			n.a.

Julian Day Number = 1595958.5, Delta T = 04h02m12s
Ecliptic obliquity = 23°44'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'53, Lahiri = - 8°41'53 Julian Calendar 1 July 344 BCE == Greg. Calendar 26 June 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

AUGUST 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 19 4	3♌ 0'13	27♋22	18°D 8	2♋10	4♍43	0♎40	9♎59	26°R42	11♎45	1♉18	12°R45	11♊ 1	16♓ 0	n.a.	F 1
S 2	20 23 1	3°58'23	12♌12	18♋14	2°15	5°22	0°50	10° 3	26♒40	11°46	1°19	12♊38	10°58	16° 7	n.a.	S 2
S 3	20 26 57	4°56'35	27°10	18°28	2°23	6° 2	1° 0	10° 7	26°37	11°47	1°19	12°30	10°55	16°14	n.a.	S 3
M 4	20 30 54	5°54'49	12♍ 9	18°52	2°33	6°41	1° 9	10°12	26°35	11°48	1°19	12°22	10°52	16°21	n.a.	M 4
T 5	20 34 50	6°53'04	27° 0	19°23	2°45	7°21	1°19	10°16	26°33	11°49	1°19	12°15	10°49	16°27	n.a.	T 5
W 6	20 38 47	7°51'21	11♎34	20° 4	2°59	8° 0	1°30	10°20	26°31	11°50	1°R19	12°10	10°45	16°34	n.a.	W 6
T 7	20 42 44	8°49'40	25°49	20°52	3°16	8°40	1°40	10°25	26°28	11°52	1°19	12° 8	10°42	16°41	n.a.	T 7
F 8	20 46 40	9°48'00	9♏42	21°47	3°34	9°20	1°50	10°29	26°26	11°53	1°19	12°D 7	10°39	16°47	n.a.	F 8
S 9	20 50 37	10°46'22	23°14	22°50	3°54	10° 0	2° 0	10°34	26°24	11°54	1°19	12° 7	10°36	16°54	n.a.	S 9
S 10	20 54 33	11°44'45	6♐26	24° 0	4°15	10°39	2°11	10°38	26°22	11°55	1°19	12°R 8	10°33	17° 1	n.a.	S 10
M11	20 58 30	12°43'11	19°22	25°16	4°39	11°19	2°22	10°43	26°19	11°57	1°18	12° 8	10°30	17° 8	n.a.	M11
T 12	21 2 26	13°41'38	2♑ 3	26°38	5° 4	11°59	2°32	10°48	26°17	11°58	1°18	12° 6	10°26	17°14	n.a.	T 12
W13	21 6 23	14°40'07	14°33	28° 5	5°31	12°39	2°43	10°53	26°15	12° 0	1°18	12° 2	10°23	17°21	n.a.	W13
T 14	21 10 19	15°38'38	26°53	29°36	5°59	13°20	2°54	10°58	26°12	12° 1	1°18	11°55	10°20	17°28	n.a.	T 14
F 15	21 14 16	16°37'11	9♒ 6	1♌12	6°29	14° 0	3° 5	11° 3	26°10	12° 2	1°18	11°45	10°17	17°34	n.a.	F 15
S 16	21 18 13	17°35'45	21°11	2°51	7° 1	14°40	3°16	11° 8	26° 7	12° 4	1°18	11°33	10°14	17°41	n.a.	S 16
S 17	21 22 9	18°34'22	3♓10	4°33	7°34	15°20	3°27	11°13	26° 5	12° 5	1°17	11°21	10°11	17°48	n.a.	S 17
M18	21 26 6	19°33'01	15° 5	6°17	8° 8	16° 0	3°38	11°18	26° 3	12° 7	1°17	11° 8	10° 7	17°55	n.a.	M18
T 19	21 30 2	20°31'42	26°57	8° 3	8°44	16°41	3°49	11°23	26° 0	12° 8	1°17	10°57	10° 4	18° 1	n.a.	T 19
W20	21 33 59	21°30'25	8♈48	9°51	9°20	17°21	4° 0	11°29	25°58	12°10	1°17	10°48	10° 1	18° 8	n.a.	W20
T 21	21 37 55	22°29'11	20°41	11°40	9°59	18° 2	4°12	11°34	25°55	12°12	1°16	10°41	9°58	18°15	n.a.	T 21
F 22	21 41 52	23°27'59	2♉40	13°30	10°38	18°42	4°23	11°39	25°53	12°13	1°16	10°36	9°55	18°22	n.a.	F 22
S 23	21 45 48	24°26'49	14°50	15°20	11°18	19°23	4°35	11°45	25°51	12°15	1°16	10°34	9°51	18°28	n.a.	S 23
S 24	21 49 45	25°25'42	27°15	17°11	12° 0	20° 4	4°46	11°50	25°48	12°16	1°15	10°D34	9°48	18°35	n.a.	S 24
M25	21 53 41	26°24'37	10♊ 0	19° 2	12°43	20°44	4°58	11°56	25°46	12°18	1°15	10°R34	9°45	18°42	n.a.	M25
T 26	21 57 38	27°23'35	23°10	20°52	13°26	21°25	5°10	12° 2	25°43	12°20	1°15	10°34	9°42	18°48	n.a.	T 26
W27	22 1 35	28°22'35	6♋48	22°42	14°11	22° 6	5°21	12° 7	25°41	12°22	1°14	10°32	9°39	18°55	n.a.	W27
T 28	22 5 31	29°21'37	20°56	24°32	14°57	22°47	5°33	12°13	25°39	12°23	1°14	10°27	9°36	19° 2	n.a.	T 28
F 29	22 9 28	0♍20'42	5♌33	26°22	15°43	23°28	5°45	12°19	25°36	12°25	1°13	10°19	9°32	19° 9	n.a.	F 29
S 30	22 13 24	1°19'49	20°32	28°10	16°30	24° 9	5°57	12°25	25°34	12°27	1°13	10°10	9°29	19°15	n.a.	S 30
S 31	22 17 21	2♍18'58	5♍46	29♌58	17♋19	24♍50	6♎ 9	12♎31	25♒31	12♎29	1♉12	9♊59	9♊26	19♓22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n44	24n28	3n36	20n24	2s 7	16n56	6s47	10n37	0n46	0n51	1n13	1s47	2n25	13s32	0s48	2s54	1n58	0s16	13s10	22n37	22n23	10s18		n.a.
S 2	19 30	21 34	4 24	20 41	1 49	17 0	6 43	10 21	0 45	0 47	1 13	1 49	2 25	13 32	0 48	2 54	1 57	0 16	13 10	22 36	22 22	10 15		n.a.
S 3	19 16	17 13	4 55	20 57	1 31	17 5	6 38	10 6	0 44	0 42	1 12	1 50	2 25	13 33	0 48	2 55	1 57	0 17	13 10	22 35	22 22	10 12		n.a.
M 4	19 2	11 47	5 6	21 11	1 13	17 11	6 32	9 51	0 44	0 38	1 12	1 52	2 25	13 34	0 48	2 55	1 57	0 17	13 10	22 34	22 21	10 10		n.a.
T 5	18 47	5 43	4 56	21 24	0 55	17 16	6 27	9 35	0 43	0 34	1 12	1 54	2 25	13 35	0 48	2 56	1 57	0 17	13 11	22 33	22 21	10 7		n.a.
W 6	18 32	0s33	4 27	21 35	0 38	17 21	6 21	9 20	0 43	0 30	1 12	1 56	2 24	13 36	0 48	2 57	1 57	0 17	13 11	22 32	22 20	10 4		n.a.
T 7	18 17	6 40	3 42	21 44	0 22	17 27	6 15	9 4	0 42	0 25	1 12	1 58	2 24	13 36	0 49	2 57	1 57	0 18	13 11	22 32	22 20	10 1		n.a.
F 8	18 1	12 18	2 44	21 51	0 7	17 33	6 9	8 48	0 41	0 21	1 11	2 0	2 24	13 37	0 49	2 58	1 57	0 18	13 11	22 32	22 19	9 59		n.a.
S 9	17 45	17 13	1 39	21 55	0n 8	17 39	6 2	8 33	0 41	0 17	1 11	2 2	2 24	13 38	0 49	2 58	1 57	0 18	13 12	22 32	22 19	9 56		n.a.
S 10	17 29	21 9	0 30	21 56	0 22	17 45	5 56	8 17	0 40	0 12	1 11	2 4	2 23	13 39	0 49	2 59	1 57	0 18	13 12	22 32	22 18	9 53		n.a.
M11	17 12	23 57	0s38	21 55	0 35	17 51	5 49	8 1	0 40	0 8	1 11	2 6	2 23	13 40	0 49	2 59	1 57	0 19	13 12	22 32	22 18	9 50		n.a.
T 12	16 55	25 27	1 44	21 51	0 47	17 56	5 42	7 45	0 39	0 4	1 11	2 8	2 23	13 40	0 49	3 0	1 57	0 19	13 12	22 31	22 17	9 48		n.a.
W13	16 38	25 39	2 44	21 44	0 57	18 2	5 35	7 29	0 38	0s 1	1 11	2 10	2 23	13 41	0 49	3 0	1 57	0 19	13 13	22 31	22 17	9 45		n.a.
T 14	16 21	24 33	3 34	21 35	1 7	18 8	5 28	7 13	0 38	0 5	1 10	2 12	2 23	13 42	0 49	3 1	1 57	0 19	13 13	22 30	22 17	9 42		n.a.
F 15	16 3	22 18	4 15	21 22	1 16	18 14	5 21	6 57	0 37	0 10	1 10	2 15	2 22	13 43	0 49	3 2	1 57	0 20	13 13	22 29	22 16	9 39		n.a.
S 16	15 45	19 4	4 43	21 7	1 23	18 20	5 14	6 40	0 36	0 15	1 10	2 17	2 22	13 44	0 49	3 2	1 57	0 20	13 13	22 27	22 16	9 37		n.a.
S 17	15 27	15 6	4 58	20 49	1 30	18 25	5 7	6 24	0 36	0 19	1 10	2 19	2 22	13 44	0 49	3 3	1 57	0 20	13 14	22 25	22 15	9 34		n.a.
M18	15 8	10 33	5 1	20 29	1 36	18 30	4 59	6 8	0 35	0 24	1 10	2 21	2 22	13 45	0 49	3 4	1 57	0 21	13 14	22 24	22 15	9 31		n.a.
T 19	14 50	5 39	4 50	20 6	1 40	18 36	4 52	5 51	0 35	0 28	1 10	2 23	2 22	13 46	0 49	3 4	1 57	0 21	13 14	22 22	22 14	9 28		n.a.
W20	14 31	0 33	4 27	19 40	1 44	18 41	4 44	5 35	0 34	0 33	1 9	2 26	2 22	13 47	0 49	3 5	1 57	0 21	13 14	22 21	22 14	9 25		n.a.
T 21	14 11	4n36	3 52	19 13	1 47	18 45	4 37	5 18	0 33	0 38	1 9	2 28	2 21	13 48	0 49	3 6	1 56	0 22	13 14	22 20	22 13	9 23		n.a.
F 22	13 52	9 38	3 6	18 43	1 49	18 50	4 29	5 1	0 33	0 43	1 9	2 30	2 21	13 49	0 49	3 6	1 56	0 22	13 15	22 19	22 13	9 20		n.a.
S 23	13 32	14 23	2 12	18 11	1 50	18 54	4 22	4 45	0 32	0 47	1 9	2 33	2 21	13 49	0 49	3 7	1 56	0 22	13 15	22 19	22 12	9 17		n.a.
S 24	13 12	18 39	1 10	17 38	1 51	18 58	4 15	4 28	0 32	0 52	1 9	2 35	2 21	13 50	0 49	3 8	1 56	0 22	13 15	22 19	22 12	9 14		n.a.
M25	12 52	22 11	0 3	17 3	1 51	19 1	4 7	4 11	0 31	0 57	1 9	2 37	2 21	13 51	0 49	3 8	1 56	0 23	13 15	22 19	22 11	9 11		n.a.
T 26	12 32	24 40	1n 6	16 27	1 50	19 5	4 0	3 54	0 30	1 2	1 8	2 40	2 20	13 52	0 49	3 9	1 56	0 23	13 16	22 19	22 11	9 9		n.a.
W27	12 11	25 47	2 14	15 49	1 48	19 8	3 52	3 37	0 30	1 7	1 8	2 42	2 20	13 53	0 49	3 10	1 56	0 24	13 16	22 18	22 10	9 6		n.a.
T 28	11 50	25 19	3 16	15 11	1 47	19 10	3 45	3 20	0 29	1 11	1 8	2 44	2 20	13 54	0 49	3 11	1 56	0 24	13 16	22 18	22 10	9 3		n.a.
F 29	11 29	23 7	4 7	14 31	1 44	19 12	3 37	3 3	0 28	1 16	1 8	2 47	2 20	13 54	0 49	3 11	1 56	0 24	13 16	22 16	22 9	9 0		n.a.
S 30	11 8	19 17	4 43	13 50	1 41	19 14	3 30	2 46	0 28	1 21	1 8	2 49	2 20	13 55	0 49	3 12	1 56	0 25	13 16	22 15	22 9	8 57		n.a.
S 31	10n47	14n 8	4n59	13n 9	1n38	19n15	3s22	2n29	0n27	1s26	1n 8	2s52	2n20	13s56	0s49	3s13	1n56	0s25	13s17	22n13	22n 8	8s55		n.a.

Julian Day Number = 1595989.5, Delta T = 04h02m10s
Ecliptic obliquity = 23°44'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'49, Lahiri = - 8°41'49 Julian Calendar 1 Aug. 344 BCE == Greg. Calendar 27 July 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

SEPTEMBER 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 21 17	3♍18'09	21♍ 4	1♍46	18♋ 8	25♍31	6♎21	12♎37	25°R29	12♎31	1°R12	9°R47	9♊23	19♓29	n.a.	M 1
T 2	22 25 14	4°17'23	6♎14	3°32	18°58	26°13	6°33	12°43	25♒27	12°32	1♉11	9♊38	9°20	19°35	n.a.	T 2
W 3	22 29 10	5°16'38	21° 6	5°18	19°48	26°54	6°45	12°49	25°24	12°34	1°11	9°30	9°16	19°42	n.a.	W 3
T 4	22 33 7	6°15'55	5♏34	7° 3	20°40	27°35	6°58	12°55	25°22	12°36	1°10	9°25	9°13	19°49	n.a.	T 4
F 5	22 37 4	7°15'14	19°35	8°48	21°32	28°17	7°10	13° 1	25°19	12°38	1° 9	9°23	9°10	19°56	n.a.	F 5
S 6	22 41 0	8°14'35	3♐ 9	10°31	22°24	28°58	7°22	13° 7	25°17	12°40	1° 9	9°22	9° 7	20° 2	n.a.	S 6
S 7	22 44 57	9°13'58	16°18	12°14	23°18	29°40	7°35	13°13	25°15	12°42	1° 8	9°22	9° 4	20° 9	n.a.	S 7
M 8	22 48 53	10°13'23	29° 7	13°56	24°12	0♎21	7°47	13°19	25°12	12°44	1° 8	9°21	9° 1	20°16	n.a.	M 8
T 9	22 52 50	11°12'50	11♑39	15°37	25° 6	1° 3	8° 0	13°26	25°10	12°46	1° 7	9°19	8°57	20°23	n.a.	T 9
W10	22 56 46	12°12'19	23°57	17°18	26° 2	1°45	8°12	13°32	25° 8	12°48	1° 6	9°14	8°54	20°29	n.a.	W10
T 11	23 0 43	13°11'49	6♒ 6	18°57	26°57	2°26	8°25	13°38	25° 6	12°50	1° 5	9° 5	8°51	20°36	n.a.	T 11
F 12	23 4 39	14°11'22	18° 9	20°36	27°54	3° 8	8°38	13°45	25° 3	12°52	1° 5	8°54	8°48	20°43	n.a.	F 12
S 13	23 8 36	15°10'56	0♓ 6	22°14	28°51	3°50	8°50	13°51	25° 1	12°54	1° 4	8°41	8°45	20°49	n.a.	S 13
S 14	23 12 33	16°10'33	12° 1	23°52	29°48	4°32	9° 3	13°58	24°59	12°56	1° 3	8°27	8°42	20°56	n.a.	S 14
M15	23 16 29	17°10'11	23°53	25°29	0♌46	5°14	9°16	14° 4	24°57	12°58	1° 2	8°12	8°38	21° 3	n.a.	M15
T 16	23 20 26	18° 9'52	5♈45	27° 5	1°45	5°56	9°28	14°11	24°55	13° 0	1° 2	7°59	8°35	21°10	n.a.	T 16
W17	23 24 22	19° 9'35	17°39	28°41	2°44	6°38	9°41	14°18	24°52	13° 2	1° 1	7°48	8°32	21°16	n.a.	W17
T 18	23 28 19	20° 9'20	29°35	0♎16	3°43	7°20	9°54	14°24	24°50	13° 4	1° 0	7°39	8°29	21°23	n.a.	T 18
F 19	23 32 15	21° 9'07	11♉37	1°50	4°43	8° 2	10° 7	14°31	24°48	13° 6	0°59	7°34	8°26	21°30	n.a.	F 19
S 20	23 36 12	22° 8'57	23°48	3°24	5°44	8°45	10°20	14°37	24°46	13° 8	0°58	7°31	8°22	21°36	n.a.	S 20
S 21	23 40 8	23° 8'49	6♊12	4°57	6°44	9°27	10°33	14°44	24°44	13°11	0°58	7°D31	8°19	21°43	n.a.	S 21
M22	23 44 5	24° 8'44	18°54	6°29	7°46	10° 9	10°46	14°51	24°42	13°13	0°57	7°R31	8°16	21°50	n.a.	M22
T 23	23 48 1	25° 8'41	1♋57	8° 1	8°47	10°52	10°59	14°58	24°40	13°15	0°56	7°31	8°13	21°57	n.a.	T 23
W24	23 51 58	26° 8'40	15°27	9°33	9°49	11°34	11°12	15° 4	24°38	13°17	0°55	7°29	8°10	22° 3	n.a.	W24
T 25	23 55 55	27° 8'41	29°25	11° 4	10°52	12°17	11°25	15°11	24°36	13°19	0°54	7°25	8° 7	22°10	n.a.	T 25
F 26	23 59 51	28° 8'45	13♌52	12°34	11°54	13° 0	11°38	15°18	24°34	13°21	0°53	7°19	8° 3	22°17	n.a.	F 26
S 27	0 3 48	29° 8'51	28°45	14° 4	12°57	13°42	11°51	15°25	24°32	13°24	0°52	7°11	8° 0	22°24	n.a.	S 27
S 28	0 7 44	0♎ 8'59	13♍56	15°33	14° 1	14°25	12° 5	15°32	24°31	13°26	0°51	7° 1	7°57	22°30	n.a.	S 28
M29	0 11 41	1° 9'09	29°15	17° 2	15° 5	15° 8	12°18	15°39	24°29	13°28	0°50	6°50	7°54	22°37	n.a.	M29
T 30	0 15 37	2♎ 9'21	14♎32	18♎30	16♌ 9	15♎51	12♎31	15♎46	24♒27	13♎30	0♉49	6♊41	7♊51	22♓44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n25	8n 5	4n54	12n26	1n34	19n16	3s15	2n12	0n27	1s31	1n 8	2s54	2n20	13s57	0s49	3s13	1n56	0s25	13s17	22n12	22n 8	8s52		n.a.
T 2	10 3	1 36	4 29	11 44	1 30	19 17	3 8	1 55	0 26	1 36	1 7	2 57	2 19	13 58	0 49	3 14	1 56	0 26	13 17	22 10	22 8	8 49		n.a.
W 3	9 42	4s51	3 45	11 0	1 26	19 17	3 0	1 38	0 25	1 41	1 7	2 59	2 19	13 58	0 49	3 15	1 56	0 26	13 17	22 9	22 7	8 46		n.a.
T 4	9 19	10 54	2 48	10 17	1 21	19 17	2 53	1 21	0 25	1 46	1 7	3 2	2 19	13 59	0 49	3 16	1 56	0 26	13 17	22 8	22 7	8 43		n.a.
F 5	8 57	16 12	1 43	9 32	1 16	19 16	2 46	1 4	0 24	1 51	1 7	3 4	2 19	14 0	0 49	3 17	1 56	0 27	13 18	22 8	22 6	8 40		n.a.
S 6	8 35	20 31	0 33	8 48	1 11	19 14	2 39	0 46	0 23	1 56	1 7	3 7	2 19	14 1	0 49	3 17	1 56	0 27	13 18	22 8	22 6	8 38		n.a.
S 7	8 12	23 38	0s37	8 3	1 5	19 13	2 32	0 29	0 23	2 1	1 7	3 9	2 19	14 2	0 49	3 18	1 56	0 28	13 18	22 8	22 5	8 35		n.a.
M 8	7 50	25 26	1 42	7 19	0 59	19 10	2 25	0 12	0 22	2 6	1 7	3 12	2 19	14 2	0 49	3 19	1 56	0 28	13 18	22 8	22 5	8 32		n.a.
T 9	7 27	25 54	2 41	6 34	0 54	19 7	2 18	0s 6	0 21	2 12	1 7	3 15	2 18	14 3	0 49	3 20	1 56	0 28	13 18	22 7	22 4	8 29		n.a.
W10	7 4	25 4	3 32	5 48	0 48	19 4	2 11	0 23	0 21	2 17	1 6	3 17	2 18	14 4	0 49	3 21	1 56	0 29	13 19	22 7	22 4	8 26		n.a.
T 11	6 41	23 3	4 12	5 3	0 41	19 0	2 4	0 40	0 20	2 22	1 6	3 20	2 18	14 5	0 49	3 21	1 56	0 29	13 19	22 5	22 3	8 23		n.a.
F 12	6 18	20 1	4 40	4 18	0 35	18 56	1 57	0 58	0 20	2 27	1 6	3 22	2 18	14 5	0 48	3 22	1 56	0 30	13 19	22 4	22 3	8 20		n.a.
S 13	5 55	16 11	4 56	3 33	0 29	18 51	1 50	1 15	0 19	2 32	1 6	3 25	2 18	14 6	0 48	3 23	1 56	0 30	13 19	22 2	22 2	8 18		n.a.
S 14	5 31	11 44	4 59	2 48	0 22	18 46	1 43	1 33	0 18	2 37	1 6	3 28	2 18	14 7	0 48	3 24	1 56	0 30	13 19	21 59	22 2	8 15		n.a.
M15	5 8	6 52	4 48	2 3	0 16	18 40	1 37	1 50	0 18	2 42	1 6	3 30	2 18	14 8	0 48	3 25	1 56	0 31	13 19	21 57	22 1	8 12		n.a.
T 16	4 44	1 44	4 26	1 19	0 9	18 33	1 30	2 8	0 17	2 48	1 6	3 33	2 18	14 8	0 48	3 26	1 56	0 31	13 20	21 55	22 1	8 9		n.a.
W17	4 21	3n27	3 51	0 34	0 2	18 26	1 24	2 25	0 16	2 53	1 6	3 36	2 18	14 9	0 48	3 26	1 55	0 32	13 20	21 53	22 0	8 6		n.a.
T 18	3 57	8 34	3 6	0s10	0s 5	18 19	1 17	2 42	0 16	2 58	1 6	3 38	2 17	14 10	0 48	3 27	1 55	0 32	13 20	21 52	22 0	8 3		n.a.
F 19	3 33	13 24	2 13	0 55	0 11	18 10	1 11	3 0	0 15	3 3	1 6	3 41	2 17	14 10	0 48	3 28	1 55	0 33	13 20	21 51	21 59	8 0		n.a.
S 20	3 9	17 48	1 12	1 39	0 18	18 2	1 5	3 17	0 14	3 8	1 5	3 44	2 17	14 11	0 48	3 29	1 55	0 33	13 20	21 50	21 59	7 58		n.a.
S 21	2 45	21 30	0 7	2 22	0 25	17 52	0 59	3 35	0 14	3 14	1 5	3 46	2 17	14 12	0 48	3 30	1 55	0 33	13 20	21 50	21 58	7 55		n.a.
M22	2 21	24 16	1n 0	3 6	0 32	17 43	0 53	3 52	0 13	3 19	1 5	3 49	2 17	14 13	0 48	3 31	1 55	0 34	13 21	21 50	21 58	7 52		n.a.
T 23	1 57	25 49	2 6	3 49	0 38	17 32	0 47	4 10	0 12	3 24	1 5	3 52	2 17	14 13	0 48	3 32	1 55	0 34	13 21	21 50	21 57	7 49		n.a.
W24	1 33	25 55	3 7	4 31	0 45	17 22	0 41	4 27	0 12	3 29	1 5	3 55	2 17	14 14	0 48	3 32	1 55	0 35	13 21	21 50	21 57	7 46		n.a.
T 25	1 9	24 25	3 59	5 13	0 52	17 10	0 35	4 44	0 11	3 35	1 5	3 57	2 17	14 14	0 48	3 33	1 55	0 35	13 21	21 49	21 56	7 43		n.a.
F 26	0 45	21 18	4 38	5 55	0 59	16 58	0 29	5 2	0 11	3 40	1 5	4 0	2 17	14 15	0 48	3 34	1 55	0 36	13 21	21 48	21 55	7 40		n.a.
S 27	0 21	16 43	4 59	6 37	1 5	16 46	0 23	5 19	0 10	3 45	1 5	4 3	2 17	14 16	0 48	3 35	1 55	0 36	13 21	21 47	21 55	7 37		n.a.
S 28	0s 4	11 0	5 0	7 18	1 12	16 33	0 18	5 37	0 9	3 50	1 5	4 6	2 17	14 16	0 48	3 36	1 55	0 36	13 21	21 45	21 54	7 34		n.a.
M29	0 28	4 34	4 40	7 58	1 18	16 19	0 12	5 54	0 9	3 56	1 5	4 8	2 16	14 17	0 48	3 37	1 55	0 37	13 21	21 43	21 54	7 32		n.a.
T 30	0s52	2s 7	4n 0	8s38	1s24	16n 5	0s 7	6s11	0n 8	4s 1	1n 5	4s11	2n16	14s17	0s48	3s38	1n55	0s37	13s22	21n42	21n53	7s29		n.a.

Julian Day Number = 1596020.5, Delta T = 04h02m09s
Ecliptic obliquity = 23°44'16, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'45, Lahiri = - 8°41'45 Julian Calendar 1 Sept. 344 BCE == Greg. Calendar 27 Aug. 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

OCTOBER 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 19 34	3♎ 9'35	29♎35	19♎58	17♌13	16♎34	12♎44	15♎53	24°R25	13♎32	0°R48	6°R34	7♊48	22♓50	n.a.	W 1
T 2	0 23 30	4° 9'51	14♏15	21°25	18°18	17°17	12°57	16° 0	24♒24	13°35	0♉47	6♊30	7°44	22°57	n.a.	T 2
F 3	0 27 27	5°10'08	28°27	22°51	19°23	18° 0	13°11	16° 7	24°22	13°37	0°46	6°28	7°41	23° 4	n.a.	F 3
S 4	0 31 24	6°10'27	12♐11	24°17	20°28	18°43	13°24	16°14	24°20	13°39	0°45	6°D27	7°38	23°11	n.a.	S 4
S 5	0 35 20	7°10'48	25°27	25°42	21°34	19°26	13°37	16°21	24°19	13°41	0°44	6°28	7°35	23°17	n.a.	S 5
M 6	0 39 17	8°11'10	8♑18	27° 6	22°40	20° 9	13°51	16°28	24°17	13°44	0°43	6°R29	7°32	23°24	n.a.	M 6
T 7	0 43 13	9°11'34	20°49	28°29	23°46	20°52	14° 4	16°35	24°16	13°46	0°42	6°28	7°28	23°31	n.a.	T 7
W 8	0 47 10	10°11'59	3♒ 4	29°52	24°52	21°36	14°17	16°42	24°14	13°48	0°41	6°25	7°25	23°37	n.a.	W 8
T 9	0 51 6	11°12'26	15° 8	1♏13	25°59	22°19	14°30	16°49	24°13	13°50	0°40	6°20	7°22	23°44	n.a.	T 9
F 10	0 55 3	12°12'54	27° 5	2°34	27° 6	23° 3	14°44	16°56	24°11	13°53	0°39	6°12	7°19	23°51	n.a.	F 10
S 11	0 58 59	13°13'24	8♓58	3°53	28°13	23°46	14°57	17° 3	24°10	13°55	0°38	6° 3	7°16	23°58	n.a.	S 11
S 12	1 2 56	14°13'55	20°50	5°11	29°20	24°30	15°10	17°10	24° 9	13°57	0°37	5°53	7°13	24° 4	n.a.	S 12
M13	1 6 53	15°14'28	2♈43	6°28	0♍28	25°13	15°24	17°17	24° 7	13°59	0°36	5°42	7° 9	24°11	n.a.	M13
T 14	1 10 49	16°15'02	14°38	7°43	1°35	25°57	15°37	17°24	24° 6	14° 2	0°35	5°32	7° 6	24°18	n.a.	T 14
W15	1 14 46	17°15'38	26°38	8°57	2°43	26°40	15°51	17°31	24° 5	14° 4	0°33	5°25	7° 3	24°24	n.a.	W15
T 16	1 18 42	18°16'16	8♉42	10° 8	3°52	27°24	16° 4	17°38	24° 4	14° 6	0°32	5°19	7° 0	24°31	n.a.	T 16
F 17	1 22 39	19°16'56	20°54	11°17	5° 0	28° 8	16°17	17°45	24° 3	14° 8	0°31	5°15	6°57	24°38	n.a.	F 17
S 18	1 26 35	20°17'37	3♊14	12°23	6° 9	28°52	16°31	17°52	24° 2	14°11	0°30	5°D14	6°53	24°45	n.a.	S 18
S 19	1 30 32	21°18'20	15°46	13°27	7°17	29°36	16°44	17°59	24° 1	14°13	0°29	5°15	6°50	24°51	n.a.	S 19
M20	1 34 28	22°19'04	28°33	14°27	8°27	0♏20	16°57	18° 6	24° 0	14°15	0°28	5°16	6°47	24°58	n.a.	M20
T 21	1 38 25	23°19'51	11♋37	15°24	9°36	1° 4	17°11	18°13	23°59	14°17	0°27	5°17	6°44	25° 5	n.a.	T 21
W22	1 42 22	24°20'39	25° 2	16°16	10°45	1°48	17°24	18°20	23°58	14°20	0°26	5°R18	6°41	25°11	n.a.	W22
T 23	1 46 18	25°21'28	8♌50	17° 3	11°55	2°32	17°37	18°27	23°57	14°22	0°25	5°17	6°38	25°18	n.a.	T 23
F 24	1 50 15	26°22'20	23° 1	17°45	13° 4	3°16	17°50	18°34	23°57	14°24	0°23	5°14	6°34	25°25	n.a.	F 24
S 25	1 54 11	27°23'13	7♍35	18°21	14°14	4° 0	18° 4	18°41	23°56	14°26	0°22	5°10	6°31	25°32	n.a.	S 25
S 26	1 58 8	28°24'07	22°27	18°50	15°24	4°45	18°17	18°48	23°55	14°28	0°21	5° 5	6°28	25°38	n.a.	S 26
M27	2 2 4	29°25'03	7♎29	19°11	16°34	5°29	18°30	18°55	23°55	14°31	0°20	4°59	6°25	25°45	n.a.	M27
T 28	2 6 1	0♏26'00	22°34	19°24	17°45	6°14	18°44	19° 2	23°54	14°33	0°19	4°54	6°22	25°52	n.a.	T 28
W29	2 9 57	1°26'59	7♏30	19°R28	18°55	6°58	18°57	19° 9	23°53	14°35	0°18	4°50	6°19	25°58	n.a.	W29
T 30	2 13 54	2°27'59	22°11	19°21	20° 6	7°42	19°10	19°16	23°53	14°37	0°17	4°48	6°15	26° 5	n.a.	T 30
F 31	2 17 51	3♏29'00	6♐28	19♏ 4	21♍17	8♏27	19♎23	19♎23	23♒53	14♎39	0♉15	4°D47	6♊12	26♓12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1s16	8s37	3n 3	9s17	1s30	15n50	0s 2	6s29	0n 7	4s 6	1n 5	4s14	2n16	14s18	0s48	3s39	1n55	0s38	13s22	21n41	21n53	7s26			n.a.
T 2	1 40	14 29	1 56	9 56	1 36	15 35	0n 3	6 46	0 7	4 11	1 4	4 16	2 16	14 19	0 48	3 39	1 55	0 38	13 22	21 40	21 52	7 23			n.a.
F 3	2 5	19 22	0 43	10 34	1 42	15 20	0 9	7 3	0 6	4 17	1 4	4 19	2 16	14 19	0 48	3 40	1 55	0 39	13 22	21 39	21 52	7 20			n.a.
S 4	2 29	23 2	0s31	11 12	1 48	15 3	0 13	7 20	0 5	4 22	1 4	4 22	2 16	14 20	0 48	3 41	1 55	0 39	13 22	21 39	21 51	7 17			n.a.
S 5	2 53	25 19	1 40	11 49	1 54	14 47	0 18	7 37	0 5	4 27	1 4	4 25	2 16	14 20	0 48	3 42	1 55	0 39	13 22	21 40	21 51	7 14			n.a.
M 6	3 17	26 10	2 42	12 25	1 59	14 30	0 23	7 55	0 4	4 33	1 4	4 28	2 16	14 21	0 48	3 43	1 55	0 40	13 22	21 40	21 50	7 11			n.a.
T 7	3 41	25 38	3 34	13 0	2 4	14 12	0 28	8 12	0 3	4 38	1 4	4 30	2 16	14 21	0 48	3 44	1 55	0 40	13 22	21 39	21 50	7 8			n.a.
W 8	4 5	23 51	4 16	13 34	2 9	13 54	0 32	8 29	0 3	4 43	1 4	4 33	2 16	14 22	0 48	3 45	1 55	0 41	13 22	21 39	21 49	7 5			n.a.
T 9	4 29	21 1	4 45	14 7	2 13	13 36	0 37	8 46	0 2	4 48	1 4	4 36	2 16	14 22	0 48	3 46	1 55	0 41	13 22	21 38	21 49	7 2			n.a.
F 10	4 53	17 20	5 1	14 40	2 18	13 17	0 41	9 3	0 2	4 54	1 4	4 39	2 16	14 22	0 48	3 46	1 55	0 41	13 22	21 37	21 48	6 59			n.a.
S 11	5 17	13 0	5 5	15 11	2 22	12 57	0 45	9 19	0 1	4 59	1 4	4 41	2 16	14 23	0 48	3 47	1 55	0 42	13 22	21 35	21 48	6 57			n.a.
S 12	5 41	8 11	4 55	15 41	2 25	12 37	0 50	9 36	0 0	5 4	1 4	4 44	2 16	14 23	0 48	3 48	1 55	0 42	13 22	21 33	21 47	6 54			n.a.
M13	6 4	3 4	4 33	16 11	2 28	12 17	0 54	9 53	0s 0	5 9	1 4	4 47	2 16	14 24	0 48	3 49	1 55	0 43	13 23	21 31	21 47	6 51			n.a.
T 14	6 28	2n11	3 58	16 38	2 31	11 56	0 58	10 10	0 1	5 15	1 4	4 49	2 16	14 24	0 48	3 50	1 55	0 43	13 23	21 30	21 46	6 48			n.a.
W15	6 52	7 24	3 13	17 5	2 34	11 35	1 1	10 26	0 2	5 20	1 4	4 52	2 16	14 24	0 48	3 51	1 55	0 44	13 23	21 28	21 45	6 45			n.a.
T 16	7 15	12 24	2 18	17 30	2 36	11 13	1 5	10 43	0 2	5 25	1 4	4 55	2 16	14 25	0 48	3 52	1 55	0 44	13 23	21 27	21 45	6 42			n.a.
F 17	7 38	16 58	1 17	17 53	2 37	10 52	1 9	10 59	0 3	5 30	1 4	4 58	2 16	14 25	0 48	3 53	1 55	0 44	13 23	21 27	21 44	6 39			n.a.
S 18	8 2	20 53	0 11	18 15	2 38	10 29	1 12	11 16	0 4	5 35	1 4	5 0	2 16	14 25	0 48	3 53	1 55	0 45	13 23	21 26	21 44	6 36			n.a.
S 19	8 25	23 54	0n57	18 34	2 38	10 6	1 16	11 32	0 4	5 41	1 4	5 3	2 16	14 26	0 48	3 54	1 55	0 45	13 23	21 27	21 43	6 33			n.a.
M20	8 48	25 47	2 3	18 52	2 37	9 43	1 19	11 48	0 5	5 46	1 4	5 6	2 16	14 26	0 48	3 55	1 55	0 46	13 23	21 27	21 43	6 30			n.a.
T 21	9 10	26 17	3 4	19 8	2 36	9 20	1 22	12 5	0 6	5 51	1 4	5 9	2 16	14 26	0 47	3 56	1 55	0 46	13 23	21 27	21 42	6 27			n.a.
W22	9 33	25 17	3 57	19 21	2 33	8 56	1 25	12 21	0 6	5 56	1 3	5 11	2 16	14 27	0 47	3 57	1 55	0 46	13 23	21 27	21 42	6 24			n.a.
T 23	9 56	22 45	4 38	19 32	2 30	8 32	1 28	12 37	0 7	6 1	1 3	5 14	2 16	14 27	0 47	3 58	1 55	0 47	13 23	21 27	21 41	6 21			n.a.
F 24	10 18	18 47	5 4	19 40	2 26	8 8	1 31	12 53	0 8	6 7	1 3	5 17	2 16	14 27	0 47	3 59	1 55	0 47	13 23	21 26	21 41	6 18			n.a.
S 25	10 40	13 37	5 10	19 45	2 20	7 43	1 34	13 8	0 8	6 12	1 3	5 19	2 16	14 27	0 47	4 0	1 55	0 47	13 23	21 26	21 40	6 15			n.a.
S 26	11 2	7 34	4 57	19 47	2 14	7 18	1 36	13 24	0 9	6 17	1 3	5 22	2 16	14 27	0 47	4 0	1 55	0 48	13 23	21 25	21 40	6 12			n.a.
M27	11 24	1 0	4 22	19 45	2 6	6 52	1 39	13 40	0 10	6 22	1 3	5 25	2 16	14 28	0 47	4 1	1 55	0 48	13 23	21 24	21 39	6 9			n.a.
T 28	11 46	5s38	3 30	19 39	1 56	6 27	1 41	13 55	0 10	6 27	1 3	5 27	2 16	14 28	0 47	4 2	1 55	0 49	13 23	21 23	21 38	6 6			n.a.
W29	12 7	11 56	2 23	19 30	1 45	6 1	1 43	14 11	0 11	6 32	1 3	5 30	2 16	14 28	0 47	4 3	1 55	0 49	13 23	21 22	21 38	6 3			n.a.
T 30	12 29	17 26	1 8	19 16	1 33	5 35	1 45	14 26	0 11	6 37	1 3	5 32	2 16	14 28	0 47	4 4	1 55	0 49	13 23	21 22	21 37	6 0			n.a.
F 31	12s50	21s49	0s 9	18s58	1s19	5n 9	1n48	14s41	0s12	6s42	1n 3	5s35	2n16	14s28	0s47	4s 5	1n55	0s50	13s22	21n22	21n37	5s57			n.a.

Julian Day Number = 1596050.5, Delta T = 04h02m08s
Ecliptic obliquity = 23°44'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'41, Lahiri = - 8°41'40 Julian Calendar 1 Oct. 344 BCE == Greg. Calendar 26 Sept. 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

NOVEMBER 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 21 47	4♏30'01	20♐19	18°R36	22♍27	9♏12	19♎36	19♎30	23°R52	14♎42	0°R14	4♊48	6♊ 9	26♓19	n.a.	S 1
S 2	2 25 44	5°31'04	3♑43	17♏57	23°38	9°56	19°49	19°37	23♒52	14°44	0♉13	4°50	6° 6	26°25	n.a.	S 2
M 3	2 29 40	6°32'08	16°42	17° 6	24°50	10°41	20° 3	19°44	23°52	14°46	0°12	4°51	6° 3	26°32	n.a.	M 3
T 4	2 33 37	7°33'12	29°18	16° 6	26° 1	11°26	20°16	19°51	23°51	14°48	0°11	4°53	5°59	26°39	n.a.	T 4
W 5	2 37 33	8°34'17	11♒36	14°57	27°12	12°11	20°29	19°57	23°51	14°50	0°10	4°R53	5°56	26°45	n.a.	W 5
T 6	2 41 30	9°35'22	23°41	13°41	28°24	12°55	20°42	20° 4	23°51	14°52	0° 9	4°52	5°53	26°52	n.a.	T 6
F 7	2 45 26	10°36'28	5♓37	12°20	29°35	13°40	20°55	20°11	23°51	14°54	0° 7	4°50	5°50	26°59	n.a.	F 7
S 8	2 49 23	11°37'35	17°29	10°57	0♎47	14°25	21° 8	20°18	23°D51	14°56	0° 6	4°47	5°47	27° 6	n.a.	S 8
S 9	2 53 20	12°38'42	29°21	9°35	1°59	15°10	21°21	20°25	23°51	14°58	0° 5	4°43	5°44	27°12	n.a.	S 9
M10	2 57 16	13°39'50	11♈15	8°16	3°11	15°55	21°34	20°31	23°51	15° 0	0° 4	4°39	5°40	27°19	n.a.	M10
T 11	3 1 13	14°40'58	23°15	7° 4	4°23	16°40	21°46	20°38	23°51	15° 2	0° 3	4°36	5°37	27°26	n.a.	T 11
W12	3 5 9	15°42'07	5♉22	5°59	5°35	17°26	21°59	20°45	23°52	15° 4	0° 2	4°33	5°34	27°32	n.a.	W12
T 13	3 9 6	16°43'17	17°39	5° 5	6°47	18°11	22°12	20°51	23°52	15° 6	0° 1	4°31	5°31	27°39	n.a.	T 13
F 14	3 13 2	17°44'27	0♊ 6	4°20	7°59	18°56	22°25	20°58	23°52	15° 8	29♈59	4°D30	5°28	27°46	n.a.	F 14
S 15	3 16 59	18°45'38	12°44	3°47	9°11	19°41	22°37	21° 4	23°53	15°10	29°59	4°30	5°25	27°53	n.a.	S 15
S 16	3 20 55	19°46'50	25°34	3°25	10°24	20°27	22°50	21°11	23°53	15°12	29°58	4°31	5°21	27°59	n.a.	S 16
M17	3 24 52	20°48'03	8♋37	3°14	11°36	21°12	23° 3	21°17	23°53	15°14	29°57	4°32	5°18	28° 6	n.a.	M17
T 18	3 28 49	21°49'16	21°54	3°D13	12°49	21°57	23°15	21°24	23°54	15°16	29°55	4°34	5°15	28°13	n.a.	T 18
W19	3 32 45	22°50'30	5♌26	3°22	14° 2	22°43	23°28	21°30	23°54	15°18	29°54	4°34	5°12	28°19	n.a.	W19
T 20	3 36 42	23°51'44	19°13	3°39	15°14	23°28	23°40	21°36	23°55	15°20	29°53	4°R35	5° 9	28°26	n.a.	T 20
F 21	3 40 38	24°52'59	3♍15	4° 4	16°27	24°14	23°53	21°43	23°56	15°22	29°52	4°35	5° 5	28°33	n.a.	F 21
S 22	3 44 35	25°54'15	17°31	4°37	17°40	24°59	24° 5	21°49	23°56	15°24	29°51	4°34	5° 2	28°40	n.a.	S 22
S 23	3 48 31	26°55'31	1♎58	5°16	18°53	25°45	24°17	21°55	23°57	15°25	29°50	4°34	4°59	28°46	n.a.	S 23
M24	3 52 28	27°56'48	16°33	6° 1	20° 6	26°31	24°30	22° 1	23°58	15°27	29°49	4°33	4°56	28°53	n.a.	M24
T 25	3 56 24	28°58'05	1♏11	6°51	21°19	27°16	24°42	22° 7	23°59	15°29	29°48	4°32	4°53	29° 0	n.a.	T 25
W26	4 0 21	29°59'22	15°44	7°45	22°32	28° 2	24°54	22°14	24° 0	15°31	29°47	4°32	4°50	29° 6	n.a.	W26
T 27	4 4 18	1♐ 0'40	0♐ 7	8°43	23°45	28°48	25° 6	22°20	24° 1	15°32	29°46	4°D31	4°46	29°13	n.a.	T 27
F 28	4 8 14	2° 1'58	14°15	9°45	24°59	29°34	25°18	22°26	24° 2	15°34	29°45	4°31	4°43	29°20	n.a.	F 28
S 29	4 12 11	3° 3'16	28° 2	10°50	26°12	0♐20	25°30	22°32	24° 3	15°36	29°45	4°32	4°40	29°27	n.a.	S 29
S 30	4 16 7	4♐ 4'34	11♑27	11♏58	27♎25	1♐ 6	25♎42	22♎37	24♒ 4	15♎38	29♈44	4°R32	4♊37	29♓33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s11	24s47	1s24	18s35	1s 3	4n42	1n49	14s56	0s13	6s47	1n 3	5s38	2n16	14s28	0s47	4s 5	1n55	0s50	13s22	21n22	21n36	5s54		n.a.
S 2	13 31	26 13	2 32	18 8	0 46	4 15	1 51	15 11	0 13	6 52	1 3	5 40	2 16	14 28	0 47	4 6	1 55	0 50	13 22	21 22	21 36	5 51		n.a.
M 3	13 52	26 9	3 30	17 36	0 28	3 48	1 53	15 26	0 14	6 57	1 3	5 43	2 16	14 28	0 47	4 7	1 55	0 51	13 22	21 22	21 35	5 48		n.a.
T 4	14 12	24 43	4 16	17 0	0 8	3 21	1 55	15 41	0 15	7 2	1 3	5 45	2 16	14 28	0 47	4 8	1 56	0 51	13 22	21 22	21 35	5 45		n.a.
W 5	14 32	22 8	4 49	16 20	0n12	2 54	1 56	15 55	0 15	7 7	1 3	5 48	2 16	14 28	0 47	4 9	1 56	0 51	13 22	21 23	21 34	5 42		n.a.
T 6	14 52	18 37	5 8	15 37	0 33	2 26	1 57	16 10	0 16	7 12	1 3	5 51	2 16	14 28	0 47	4 9	1 56	0 51	13 22	21 22	21 33	5 39		n.a.
F 7	15 11	14 25	5 14	14 53	0 53	1 59	1 59	16 24	0 17	7 17	1 3	5 53	2 16	14 28	0 47	4 10	1 56	0 52	13 22	21 22	21 33	5 36		n.a.
S 8	15 31	9 41	5 6	14 9	1 13	1 31	2 0	16 38	0 17	7 22	1 3	5 56	2 16	14 28	0 47	4 11	1 56	0 52	13 22	21 21	21 32	5 34		n.a.
S 9	15 50	4 37	4 46	13 25	1 31	1 3	2 1	16 52	0 18	7 27	1 3	5 58	2 16	14 28	0 47	4 12	1 56	0 52	13 22	21 21	21 32	5 31		n.a.
M10	16 8	0n38	4 13	12 44	1 49	0 35	2 2	17 6	0 18	7 32	1 3	6 1	2 16	14 28	0 47	4 12	1 56	0 53	13 22	21 20	21 31	5 28		n.a.
T 11	16 27	5 55	3 28	12 6	2 4	0 7	2 3	17 20	0 19	7 37	1 3	6 3	2 17	14 28	0 47	4 13	1 56	0 53	13 22	21 19	21 31	5 25		n.a.
W12	16 45	11 4	2 34	11 32	2 17	0s21	2 3	17 34	0 20	7 41	1 3	6 5	2 17	14 28	0 47	4 14	1 56	0 53	13 22	21 19	21 30	5 21		n.a.
T 13	17 3	15 50	1 32	11 4	2 28	0 50	2 4	17 47	0 20	7 46	1 3	6 8	2 17	14 28	0 47	4 15	1 56	0 53	13 21	21 19	21 29	5 18		n.a.
F 14	17 20	20 2	0 24	10 40	2 36	1 18	2 5	18 0	0 21	7 51	1 3	6 10	2 17	14 28	0 47	4 15	1 56	0 54	13 21	21 18	21 29	5 15		n.a.
S 15	17 37	23 21	0n45	10 23	2 43	1 46	2 5	18 13	0 22	7 56	1 3	6 13	2 17	14 28	0 47	4 16	1 56	0 54	13 21	21 18	21 28	5 12		n.a.
S 16	17 54	25 34	1 54	10 11	2 47	2 15	2 5	18 26	0 22	8 0	1 3	6 15	2 17	14 27	0 46	4 17	1 56	0 54	13 21	21 19	21 28	5 9		n.a.
M17	18 11	26 25	2 58	10 5	2 50	2 43	2 6	18 39	0 23	8 5	1 3	6 17	2 17	14 27	0 46	4 18	1 56	0 54	13 21	21 19	21 27	5 6		n.a.
T 18	18 27	25 46	3 53	10 4	2 51	3 12	2 6	18 52	0 24	8 10	1 3	6 20	2 17	14 27	0 46	4 18	1 56	0 55	13 21	21 19	21 27	5 3		n.a.
W19	18 43	23 37	4 37	10 7	2 51	3 40	2 6	19 4	0 24	8 14	1 3	6 22	2 17	14 27	0 46	4 19	1 56	0 55	13 21	21 19	21 26	5 0		n.a.
T 20	18 58	20 4	5 6	10 15	2 49	4 9	2 6	19 16	0 25	8 19	1 4	6 24	2 17	14 27	0 46	4 20	1 56	0 55	13 20	21 19	21 25	4 57		n.a.
F 21	19 13	15 21	5 17	10 26	2 46	4 37	2 6	19 28	0 25	8 24	1 4	6 27	2 17	14 26	0 46	4 20	1 56	0 55	13 20	21 19	21 25	4 54		n.a.
S 22	19 28	9 43	5 9	10 40	2 42	5 5	2 5	19 40	0 26	8 28	1 4	6 29	2 17	14 26	0 46	4 21	1 56	0 56	13 20	21 19	21 24	4 51		n.a.
S 23	19 43	3 30	4 41	10 58	2 38	5 34	2 5	19 52	0 27	8 33	1 4	6 31	2 18	14 26	0 46	4 22	1 56	0 56	13 20	21 19	21 24	4 48		n.a.
M24	19 57	2s58	3 56	11 18	2 32	6 2	2 4	20 3	0 27	8 37	1 4	6 33	2 18	14 25	0 46	4 22	1 56	0 56	13 20	21 19	21 23	4 45		n.a.
T 25	20 11	9 18	2 55	11 40	2 27	6 30	2 4	20 15	0 28	8 42	1 4	6 36	2 18	14 25	0 46	4 23	1 56	0 56	13 20	21 19	21 23	4 42		n.a.
W26	20 24	15 7	1 42	12 3	2 20	6 58	2 3	20 26	0 28	8 46	1 4	6 38	2 18	14 25	0 46	4 24	1 56	0 56	13 20	21 19	21 22	4 39		n.a.
T 27	20 37	20 2	0 24	12 29	2 14	7 26	2 3	20 37	0 29	8 51	1 4	6 40	2 18	14 24	0 46	4 24	1 56	0 56	13 19	21 19	21 21	4 36		n.a.
F 28	20 50	23 41	0s54	12 55	2 7	7 54	2 2	20 47	0 30	8 55	1 4	6 42	2 18	14 24	0 46	4 25	1 56	0 57	13 19	21 19	21 21	4 33		n.a.
S 29	21 2	25 50	2 7	13 22	1 59	8 22	2 1	20 58	0 30	8 59	1 4	6 44	2 18	14 24	0 46	4 26	1 56	0 57	13 19	21 19	21 20	4 30		n.a.
S 30	21s14	26s24	3s11	13s51	1n52	8s49	2n 0	21s 8	0s31	9s 4	1n 4	6s46	2n18	14s23	0s46	4s26	1n56	0s57	13s19	21n19	21n20	4s27		n.a.

Julian Day Number = 1596081.5, Delta T = 04h02m07s
Ecliptic obliquity = 23°44'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'37, Lahiri = - 8°41'36 Julian Calendar 1 Nov. 344 BCE == Greg. Calendar 27 Oct. 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 344 BCE
geocentric

DECEMBER 344 BCE (-343) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 20 4	5♐ 5'51	24♉30	13♏ 8	28♎39	1♐52	25♎54	22♎43	24♒ 5	15♎39	29°R43	4°R32	4♊34	29♓40	n.a.	M 1
T 2	4 24 0	6° 7'08	7♒11	14°21	29°52	2°38	26° 5	22°49	24° 6	15°41	29♈42	4♊31	4°31	29°47	n.a.	T 2
W 3	4 27 57	7° 8'25	19°34	15°35	1♏ 6	3°24	26°17	22°55	24° 8	15°42	29°41	4°31	4°27	29°53	n.a.	W 3
T 4	4 31 54	8° 9'41	1♓42	16°51	2°19	4°10	26°29	23° 0	24° 9	15°44	29°40	4°31	4°24	0♈ 0	n.a.	T 4
F 5	4 35 50	9°10'57	13°40	18° 9	3°33	4°56	26°40	23° 6	24°10	15°45	29°39	4°D31	4°21	0° 7	n.a.	F 5
S 6	4 39 47	10°12'12	25°33	19°28	4°46	5°42	26°52	23°12	24°12	15°47	29°38	4°31	4°18	0°14	n.a.	S 6
S 7	4 43 43	11°13'27	7♈24	20°48	6° 0	6°28	27° 3	23°17	24°13	15°48	29°38	4°32	4°15	0°20	n.a.	S 7
M 8	4 47 40	12°14'41	19°19	22° 9	7°14	7°14	27°14	23°23	24°15	15°50	29°37	4°33	4°11	0°27	n.a.	M 8
T 9	4 51 36	13°15'54	1♉22	23°32	8°27	8° 0	27°26	23°28	24°16	15°51	29°36	4°34	4° 8	0°34	n.a.	T 9
W10	4 55 33	14°17'07	13°37	24°55	9°41	8°47	27°37	23°33	24°18	15°53	29°35	4°34	4° 5	0°40	n.a.	W10
T 11	4 59 29	15°18'20	26° 4	26°19	10°55	9°33	27°48	23°38	24°20	15°54	29°34	4°35	4° 2	0°47	n.a.	T 11
F 12	5 3 26	16°19'31	8♊48	27°45	12° 8	10°19	27°59	23°44	24°21	15°55	29°34	4°R35	3°59	0°54	n.a.	F 12
S 13	5 7 23	17°20'43	21°47	29°10	13°22	11° 6	28°10	23°49	24°23	15°57	29°33	4°35	3°56	1° 1	n.a.	S 13
S 14	5 11 19	18°21'54	5♋ 1	0♐37	14°36	11°52	28°20	23°54	24°25	15°58	29°32	4°33	3°52	1° 7	n.a.	S 14
M15	5 15 16	19°23'04	18°31	2° 4	15°50	12°39	28°31	23°59	24°27	15°59	29°32	4°31	3°49	1°14	n.a.	M15
T 16	5 19 12	20°24'14	2♌13	3°32	17° 4	13°25	28°42	24° 4	24°29	16° 0	29°31	4°29	3°46	1°21	n.a.	T 16
W17	5 23 9	21°25'23	16° 5	5° 1	18°18	14°11	28°52	24° 9	24°30	16° 2	29°30	4°27	3°43	1°27	n.a.	W17
T 18	5 27 5	22°26'31	0♍ 5	6°30	19°32	14°58	29° 3	24°13	24°32	16° 3	29°30	4°25	3°40	1°34	n.a.	T 18
F 19	5 31 2	23°27'40	14°11	8° 0	20°46	15°45	29°13	24°18	24°34	16° 4	29°29	4°24	3°37	1°41	n.a.	F 19
S 20	5 34 59	24°28'47	28°20	9°31	22° 0	16°31	29°23	24°23	24°36	16° 5	29°28	4°D24	3°33	1°48	n.a.	S 20
S 21	5 38 55	25°29'54	12♎32	11° 2	23°14	17°18	29°33	24°27	24°39	16° 6	29°28	4°25	3°30	1°54	n.a.	S 21
M22	5 42 52	26°31'01	26°42	12°34	24°28	18° 4	29°44	24°32	24°41	16° 7	29°27	4°26	3°27	2° 1	n.a.	M22
T 23	5 46 48	27°32'07	10♏51	14° 6	25°42	18°51	29°53	24°36	24°43	16° 8	29°27	4°27	3°24	2° 8	n.a.	T 23
W24	5 50 45	28°33'12	24°54	15°39	26°56	19°38	0♏ 3	24°40	24°45	16° 9	29°26	4°28	3°21	2°14	n.a.	W24
T 25	5 54 41	29°34'17	8♐49	17°13	28°10	20°24	0°13	24°45	24°47	16°10	29°26	4°R29	3°17	2°21	n.a.	T 25
F 26	5 58 38	0♑35'20	22°34	18°47	29°24	21°11	0°23	24°49	24°50	16°11	29°25	4°28	3°14	2°28	n.a.	F 26
S 27	6 2 34	1°36'23	6♑ 4	20°22	0♐38	21°58	0°32	24°53	24°52	16°12	29°25	4°25	3°11	2°34	n.a.	S 27
S 28	6 6 31	2°37'25	19°19	21°57	1°52	22°45	0°42	24°57	24°54	16°13	29°24	4°21	3° 8	2°41	n.a.	S 28
M29	6 10 28	3°38'25	2♒16	23°33	3° 6	23°32	0°51	25° 1	24°57	16°14	29°24	4°16	3° 5	2°48	n.a.	M29
T 30	6 14 24	4°39'24	14°56	25°10	4°21	24°18	1° 0	25° 5	24°59	16°14	29°23	4°11	3° 2	2°55	n.a.	T 30
W31	6 18 21	5♑40'22	27♒19	26♐48	5♐35	25♐ 5	1♏ 9	25♎ 9	25♒ 2	16♎15	29♈23	4♊ 6	2♊58	3♈ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21s25	25s28	4s 3	14s19	1n44	9s17	1n59	21s18	0s32	9s 8	1n 4	6s48	2n18	14s23	0s46	4s27	1n57	0s57	13s19	21n19	21n19	4s24			n.a.
T 2	21 36	23 14	4 42	14 49	1 36	9 44	1 58	21 28	0 32	9 12	1 4	6 50	2 19	14 22	0 46	4 27	1 57	0 57	13 18	21 19	21 18	4 21			n.a.
W 3	21 46	19 58	5 7	15 18	1 28	10 11	1 57	21 38	0 33	9 16	1 4	6 52	2 19	14 22	0 46	4 28	1 57	0 57	13 18	21 19	21 18	4 18			n.a.
T 4	21 57	15 55	5 17	15 48	1 20	10 38	1 55	21 47	0 33	9 21	1 4	6 54	2 19	14 21	0 46	4 28	1 57	0 57	13 18	21 19	21 17	4 15			n.a.
F 5	22 6	11 18	5 13	16 17	1 12	11 4	1 54	21 56	0 34	9 25	1 4	6 56	2 19	14 21	0 46	4 29	1 57	0 57	13 18	21 19	21 17	4 12			n.a.
S 6	22 15	6 19	4 56	16 47	1 4	11 30	1 53	22 5	0 34	9 29	1 4	6 58	2 19	14 20	0 46	4 30	1 57	0 57	13 18	21 19	21 16	4 9			n.a.
S 7	22 24	1 6	4 27	17 16	0 56	11 57	1 51	22 14	0 35	9 33	1 4	7 0	2 19	14 20	0 46	4 30	1 57	0 58	13 17	21 19	21 15	4 6			n.a.
M 8	22 33	4n11	3 45	17 45	0 48	12 22	1 49	22 23	0 36	9 37	1 4	7 2	2 19	14 19	0 46	4 31	1 57	0 58	13 17	21 19	21 15	4 3			n.a.
T 9	22 40	9 23	2 54	18 14	0 41	12 48	1 48	22 31	0 36	9 41	1 4	7 4	2 20	14 19	0 46	4 31	1 57	0 58	13 17	21 19	21 14	4 0			n.a.
W10	22 48	14 19	1 54	18 42	0 33	13 13	1 46	22 39	0 37	9 45	1 5	7 6	2 20	14 18	0 46	4 32	1 57	0 58	13 17	21 19	21 14	3 57			n.a.
T 11	22 55	18 45	0 47	19 10	0 25	13 38	1 44	22 47	0 37	9 49	1 5	7 8	2 20	14 18	0 46	4 32	1 57	0 58	13 16	21 19	21 13	3 53			n.a.
F 12	23 2	22 26	0n23	19 37	0 17	14 3	1 42	22 54	0 38	9 53	1 5	7 9	2 20	14 17	0 46	4 33	1 57	0 58	13 16	21 19	21 12	3 50			n.a.
S 13	23 8	25 2	1 34	20 4	0 10	14 27	1 41	23 1	0 39	9 57	1 5	7 11	2 20	14 16	0 45	4 33	1 57	0 58	13 16	21 19	21 12	3 47			n.a.
S 14	23 13	26 19	2 40	20 30	0 2	14 51	1 39	23 8	0 39	10 1	1 5	7 13	2 20	14 16	0 45	4 33	1 57	0 58	13 16	21 19	21 11	3 44			n.a.
M15	23 18	26 4	3 40	20 55	0s 5	15 15	1 37	23 15	0 40	10 4	1 5	7 15	2 20	14 15	0 45	4 34	1 57	0 58	13 15	21 19	21 11	3 41			n.a.
T 16	23 23	24 14	4 27	21 20	0 12	15 38	1 35	23 22	0 40	10 8	1 5	7 16	2 21	14 14	0 45	4 34	1 57	0 58	13 15	21 18	21 10	3 38			n.a.
W17	23 27	20 58	4 59	21 43	0 19	16 1	1 32	23 28	0 41	10 12	1 5	7 18	2 21	14 14	0 45	4 35	1 57	0 58	13 15	21 18	21 9	3 35			n.a.
T 18	23 31	16 28	5 14	22 6	0 26	16 23	1 30	23 34	0 41	10 15	1 5	7 19	2 21	14 13	0 45	4 35	1 57	0 58	13 15	21 17	21 9	3 32			n.a.
F 19	23 34	11 4	5 11	22 28	0 33	16 45	1 28	23 39	0 42	10 19	1 5	7 21	2 21	14 12	0 45	4 35	1 58	0 58	13 14	21 17	21 8	3 29			n.a.
S 20	23 37	5 4	4 48	22 49	0 40	17 7	1 26	23 45	0 42	10 23	1 5	7 23	2 21	14 12	0 45	4 36	1 58	0 58	13 14	21 17	21 8	3 26			n.a.
S 21	23 40	1s12	4 8	23 8	0 46	17 28	1 23	23 50	0 43	10 26	1 5	7 24	2 21	14 11	0 45	4 36	1 58	0 58	13 14	21 17	21 7	3 23			n.a.
M22	23 41	7 25	3 13	23 27	0 52	17 49	1 21	23 55	0 44	10 30	1 5	7 26	2 22	14 10	0 45	4 37	1 58	0 58	13 14	21 18	21 6	3 20			n.a.
T 23	23 43	13 16	2 6	23 45	0 58	18 9	1 19	24 0	0 44	10 33	1 6	7 27	2 22	14 9	0 45	4 37	1 58	0 58	13 13	21 18	21 6	3 17			n.a.
W24	23 44	18 23	0 52	24 1	1 4	18 29	1 16	24 4	0 45	10 37	1 6	7 28	2 22	14 8	0 45	4 37	1 58	0 57	13 13	21 18	21 5	3 14			n.a.
T 25	23 44	22 26	0s24	24 16	1 10	18 48	1 14	24 8	0 45	10 40	1 6	7 30	2 22	14 8	0 45	4 38	1 58	0 57	13 13	21 18	21 5	3 10			n.a.
F 26	23 44	25 9	1 38	24 30	1 15	19 7	1 11	24 12	0 46	10 43	1 6	7 31	2 22	14 7	0 45	4 38	1 58	0 57	13 13	21 18	21 4	3 7			n.a.
S 27	23 44	26 20	2 45	24 43	1 20	19 25	1 9	24 16	0 46	10 46	1 6	7 33	2 23	14 6	0 45	4 38	1 58	0 57	13 12	21 17	21 3	3 4			n.a.
S 28	23 43	25 59	3 41	24 54	1 25	19 43	1 6	24 19	0 47	10 50	1 6	7 34	2 23	14 5	0 45	4 38	1 58	0 57	13 12	21 17	21 3	3 1			n.a.
M29	23 41	24 12	4 25	25 5	1 30	20 0	1 3	24 22	0 47	10 53	1 6	7 35	2 23	14 4	0 45	4 39	1 58	0 57	13 12	21 16	21 2	2 58			n.a.
T 30	23 39	21 15	4 55	25 13	1 34	20 17	1 1	24 25	0 48	10 56	1 6	7 36	2 23	14 4	0 45	4 39	1 58	0 57	13 11	21 15	21 1	2 55			n.a.
W31	23s37	17s23	5s10	25s20	1s38	20s33	0n58	24s27	0s48	10s59	1n 6	7s38	2n23	14s 3	0s45	4s39	1n58	0s57	13s11	21n14	21n 1	2s52			n.a.

Julian Day Number = 1596111.5, Delta T = 04h02m06s
Ecliptic obliquity = 23°44'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'33, Lahiri = - 8°41'32 Julian Calendar 1 Dec. 344 BCE == Greg. Calendar 26 Nov. 344 BCE

The year -343 astronomical counting style corresponds to year 344 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

JANUARY 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 22 17	6♉41'18	9♓29	28♐26	6♐49	25♐52	1♏18	25♎12	25♒ 4	16♎16	29°R23	4°R 1	2♊55	3♈ 8	n.a.	T 1
F 2	6 26 14	7°42'12	21°27	0♉ 5	8° 3	26°39	1°27	25°16	25° 7	16°17	29♈22	3♊58	2°52	3°15	n.a.	F 2
S 3	6 30 10	8°43'05	3♈20	1°44	9°17	27°26	1°36	25°19	25° 9	16°17	29°22	3°D57	2°49	3°21	n.a.	S 3
S 4	6 34 7	9°43'57	15°11	3°25	10°31	28°13	1°44	25°23	25°12	16°18	29°22	3°57	2°46	3°28	n.a.	S 4
M 5	6 38 3	10°44'46	27° 5	5° 6	11°46	29° 0	1°53	25°26	25°14	16°18	29°21	3°58	2°43	3°35	n.a.	M 5
T 6	6 42 0	11°45'35	9♋ 8	6°48	13° 0	29°47	2° 1	25°29	25°17	16°19	29°21	4° 0	2°39	3°42	n.a.	T 6
W 7	6 45 57	12°46'21	21°25	8°30	14°14	0♉34	2° 9	25°32	25°20	16°20	29°21	4° 1	2°36	3°48	n.a.	W 7
T 8	6 49 53	13°47'06	3♊58	10°14	15°28	1°21	2°17	25°36	25°23	16°20	29°21	4°R 2	2°33	3°55	n.a.	T 8
F 9	6 53 50	14°47'50	16°52	11°58	16°42	2° 8	2°25	25°39	25°25	16°20	29°20	4° 1	2°30	4° 2	n.a.	F 9
S 10	6 57 46	15°48'31	0♌ 8	13°43	17°56	2°55	2°33	25°41	25°28	16°21	29°20	3°58	2°27	4° 8	n.a.	S 10
S 11	7 1 43	16°49'12	13°45	15°29	19°11	3°42	2°40	25°44	25°31	16°21	29°20	3°54	2°23	4°15	n.a.	S 11
M12	7 5 39	17°49'50	27°42	17°16	20°25	4°29	2°48	25°47	25°34	16°22	29°20	3°47	2°20	4°22	n.a.	M12
T 13	7 9 36	18°50'27	11♎53	19° 3	21°39	5°16	2°55	25°50	25°37	16°22	29°20	3°40	2°17	4°28	n.a.	T 13
W14	7 13 33	19°51'03	26°15	20°51	22°53	6° 3	3° 3	25°52	25°40	16°22	29°20	3°32	2°14	4°35	n.a.	W14
T 15	7 17 29	20°51'37	10♏40	22°40	24° 7	6°50	3°10	25°54	25°43	16°23	29°20	3°25	2°11	4°42	n.a.	T 15
F 16	7 21 26	21°52'09	25° 4	24°30	25°22	7°37	3°17	25°57	25°46	16°23	29°20	3°20	2° 8	4°49	n.a.	F 16
S 17	7 25 22	22°52'40	9♎22	26°21	26°36	8°24	3°23	25°59	25°48	16°23	29°D20	3°18	2° 4	4°55	n.a.	S 17
S 18	7 29 19	23°53'10	23°31	28°12	27°50	9°11	3°30	26° 1	25°51	16°23	29°20	3°D17	2° 1	5° 2	n.a.	S 18
M19	7 33 15	24°53'38	7♏31	0♒ 3	29° 4	9°58	3°37	26° 3	25°55	16°23	29°20	3°17	1°58	5° 9	n.a.	M19
T 20	7 37 12	25°54'05	21°20	1°55	0♉19	10°45	3°43	26° 5	25°58	16°23	29°20	3°18	1°55	5°15	n.a.	T 20
W21	7 41 8	26°54'30	4♐59	3°48	1°33	11°32	3°49	26° 7	26° 1	16°23	29°20	3°R19	1°52	5°22	n.a.	W21
T 22	7 45 5	27°54'54	18°27	5°41	2°47	12°19	3°55	26° 9	26° 4	16°R23	29°20	3°18	1°49	5°29	n.a.	T 22
F 23	7 49 2	28°55'17	1♉45	7°33	4° 1	13° 6	4° 1	26°10	26° 7	16°23	29°20	3°14	1°45	5°35	n.a.	F 23
S 24	7 52 58	29°55'37	14°53	9°26	5°15	13°54	4° 7	26°12	26°10	16°23	29°20	3° 8	1°42	5°42	n.a.	S 24
S 25	7 56 55	0♒55'56	27°48	11°18	6°30	14°41	4°12	26°13	26°13	16°23	29°20	2°59	1°39	5°49	n.a.	S 25
M26	8 0 51	1°56'13	10♒31	13°10	7°44	15°28	4°18	26°15	26°16	16°23	29°21	2°49	1°36	5°56	n.a.	M26
T 27	8 4 48	2°56'28	23° 1	15° 1	8°58	16°15	4°23	26°16	26°20	16°23	29°21	2°37	1°33	6° 2	n.a.	T 27
W28	8 8 44	3°56'41	5♓19	16°50	10°12	17° 2	4°28	26°17	26°23	16°23	29°21	2°26	1°29	6° 9	n.a.	W28
T 29	8 12 41	4°56'52	17°25	18°37	11°26	17°49	4°33	26°18	26°26	16°22	29°21	2°15	1°26	6°16	n.a.	T 29
F 30	8 16 37	5°57'00	29°22	20°23	12°41	18°36	4°38	26°19	26°29	16°22	29°21	2° 7	1°23	6°22	n.a.	F 30
S 31	8 20 34	6♒57'07	11♈14	22♒ 6	13♉55	19♉24	4♏42	26♎20	26♒33	16♎22	29♈22	2♊ 1	1♊20	6♈29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s34	12s54	5s11	25s26	1s42	20s48	0n55	24s29	0s49	11s 2	1n 6	7s39	2n24	14s 2	0s45	4s39	1n58	0s57	13s11	21n13	21n 0	2s49			n.a.
F 2	23 31	7 59	4 58	25 30	1 46	21 3	0 53	24 31	0 49	11 5	1 7	7 40	2 24	14 1	0 45	4 40	1 58	0 56	13 11	21 12	21 0	2 46			n.a.
S 3	23 27	2 49	4 32	25 32	1 49	21 18	0 50	24 33	0 50	11 8	1 7	7 41	2 24	14 0	0 45	4 40	1 59	0 56	13 10	21 12	20 59	2 43			n.a.
S 4	23 23	2n27	3 55	25 33	1 52	21 31	0 47	24 34	0 50	11 11	1 7	7 42	2 24	13 59	0 45	4 40	1 59	0 56	13 10	21 12	20 58	2 39			n.a.
M 5	23 18	7 39	3 8	25 32	1 54	21 45	0 44	24 35	0 51	11 14	1 7	7 43	2 24	13 58	0 45	4 40	1 59	0 56	13 10	21 12	20 58	2 36			n.a.
T 6	23 13	12 39	2 11	25 30	1 56	21 57	0 42	24 35	0 51	11 17	1 7	7 44	2 25	13 57	0 45	4 40	1 59	0 56	13 9	21 13	20 57	2 33			n.a.
W 7	23 7	17 15	1 8	25 26	1 58	22 9	0 39	24 36	0 52	11 19	1 7	7 45	2 25	13 56	0 45	4 40	1 59	0 55	13 9	21 13	20 56	2 30			n.a.
T 8	23 1	21 12	0 0	25 20	2 0	22 20	0 36	24 36	0 52	11 22	1 7	7 46	2 25	13 55	0 45	4 40	1 59	0 55	13 9	21 13	20 56	2 27			n.a.
F 9	22 54	24 14	1n 9	25 12	2 1	22 31	0 33	24 36	0 53	11 25	1 7	7 47	2 25	13 54	0 45	4 41	1 59	0 55	13 8	21 13	20 55	2 24			n.a.
S 10	22 47	26 1	2 17	25 2	2 1	22 41	0 31	24 35	0 53	11 27	1 7	7 48	2 25	13 53	0 45	4 41	1 59	0 55	13 8	21 12	20 55	2 21			n.a.
S 11	22 40	26 18	3 18	24 50	2 1	22 50	0 28	24 35	0 54	11 30	1 8	7 49	2 26	13 52	0 45	4 41	1 59	0 55	13 8	21 11	20 54	2 18			n.a.
M12	22 32	24 57	4 9	24 37	2 1	22 58	0 25	24 34	0 54	11 32	1 8	7 49	2 26	13 51	0 45	4 41	1 59	0 54	13 8	21 10	20 53	2 15			n.a.
T 13	22 24	22 0	4 46	24 21	2 0	23 6	0 22	24 32	0 54	11 35	1 8	7 50	2 26	13 50	0 45	4 41	1 59	0 54	13 7	21 9	20 53	2 12			n.a.
W14	22 15	17 42	5 5	24 3	1 59	23 13	0 19	24 31	0 55	11 37	1 8	7 51	2 26	13 49	0 45	4 41	1 59	0 54	13 7	21 7	20 52	2 8			n.a.
T 15	22 6	12 21	5 5	23 44	1 57	23 20	0 16	24 29	0 55	11 39	1 8	7 52	2 27	13 48	0 45	4 41	1 59	0 54	13 7	21 6	20 51	2 5			n.a.
F 16	21 56	6 21	4 46	23 22	1 55	23 26	0 14	24 27	0 56	11 42	1 8	7 52	2 27	13 47	0 45	4 41	1 59	0 53	13 6	21 5	20 51	2 2			n.a.
S 17	21 46	0 3	4 9	22 59	1 52	23 31	0 11	24 24	0 56	11 44	1 8	7 53	2 27	13 46	0 45	4 41	1 59	0 53	13 6	21 5	20 50	1 59			n.a.
S 18	21 36	6s12	3 17	22 33	1 49	23 35	0 8	24 21	0 57	11 46	1 8	7 53	2 27	13 45	0 44	4 41	2 0	0 53	13 6	21 4	20 49	1 56			n.a.
M19	21 25	12 5	2 14	22 6	1 45	23 39	0 5	24 18	0 57	11 48	1 9	7 54	2 27	13 44	0 44	4 41	2 0	0 52	13 5	21 5	20 49	1 53			n.a.
T 20	21 14	17 17	1 4	21 36	1 40	23 42	0 3	24 15	0 57	11 50	1 9	7 54	2 28	13 43	0 44	4 41	2 0	0 52	13 5	21 5	20 48	1 50			n.a.
W21	21 2	21 32	0s 9	21 5	1 35	23 44	0s 0	24 11	0 58	11 52	1 9	7 55	2 28	13 42	0 44	4 41	2 0	0 52	13 5	21 5	20 48	1 47			n.a.
T 22	20 50	24 34	1 20	20 31	1 29	23 45	0 3	24 8	0 58	11 54	1 9	7 55	2 28	13 41	0 44	4 41	2 0	0 52	13 4	21 5	20 47	1 43			n.a.
F 23	20 38	26 10	2 26	19 56	1 22	23 46	0 6	24 3	0 59	11 56	1 9	7 56	2 28	13 40	0 44	4 41	2 0	0 51	13 4	21 4	20 46	1 40			n.a.
S 24	20 25	26 16	3 23	19 19	1 15	23 46	0 8	23 59	0 59	11 58	1 9	7 56	2 29	13 39	0 44	4 41	2 0	0 51	13 4	21 3	20 46	1 37			n.a.
S 25	20 12	24 55	4 9	18 40	1 7	23 46	0 11	23 54	0 59	12 0	1 9	7 56	2 29	13 38	0 44	4 41	2 0	0 51	13 4	21 1	20 45	1 34			n.a.
M26	19 59	22 19	4 41	18 0	0 58	23 44	0 14	23 49	1 0	12 1	1 10	7 57	2 29	13 37	0 44	4 41	2 0	0 50	13 3	20 59	20 44	1 31			n.a.
T 27	19 45	18 43	4 59	17 19	0 49	23 42	0 16	23 44	1 0	12 3	1 10	7 57	2 29	13 35	0 44	4 40	2 0	0 50	13 3	20 57	20 44	1 28			n.a.
W28	19 31	14 22	5 3	16 36	0 39	23 39	0 19	23 38	1 1	12 5	1 10	7 57	2 29	13 34	0 44	4 40	2 0	0 49	13 3	20 54	20 43	1 25			n.a.
T 29	19 16	9 31	4 53	15 53	0 28	23 36	0 21	23 32	1 1	12 6	1 10	7 57	2 30	13 33	0 44	4 40	2 0	0 49	13 2	20 52	20 42	1 21			n.a.
F 30	19 1	4 22	4 30	15 8	0 17	23 31	0 24	23 26	1 1	12 8	1 10	7 57	2 30	13 32	0 44	4 40	2 0	0 49	13 2	20 51	20 42	1 18			n.a.
S 31	18s46	0n53	3s56	14s23	0s 5	23s26	0s26	23s20	1s 2	12s 9	1n10	7s58	2n30	13s31	0s44	4s40	2n 0	0s48	13s 2	20n49	20n41	1s15			n.a.

Julian Day Number = 1596142.5, Delta T = 04h02m05s
Ecliptic obliquity = 23°44'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'28, Lahiri = - 8°41'28 Julian Calendar 1 Jan. 343 BCE == Greg. Calendar 27 Dec. 344 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

FEBRUARY 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 30	7♒57'11	23♈ 3	23♒46	15♑ 9	20♑11	4♏47	26♎21	26♒36	16°R22	29♈22	1°R58	1♊17	6♈36	n.a.	S 1
M 2	8 28 27	8°57'13	4♉55	25°22	16°23	20°58	4°51	26°22	26°39	16♎21	29°22	1°D56	1°14	6°42	n.a.	M 2
T 3	8 32 24	9°57'12	16°56	26°54	17°37	21°45	4°55	26°22	26°42	16°21	29°23	1♊56	1°10	6°49	n.a.	T 3
W 4	8 36 20	10°57'10	29°10	28°21	18°52	22°32	4°59	26°23	26°46	16°20	29°23	1°R57	1° 7	6°56	n.a.	W 4
T 5	8 40 17	11°57'05	11♊43	29°42	20° 6	23°19	5° 3	26°23	26°49	16°20	29°23	1°57	1° 4	7° 3	n.a.	T 5
F 6	8 44 13	12°56'58	24°40	0♓58	21°20	24° 6	5° 6	26°23	26°52	16°20	29°24	1°54	1° 1	7° 9	n.a.	F 6
S 7	8 48 10	13°56'49	8♋ 2	2° 8	22°34	24°53	5°10	26°23	26°56	16°19	29°24	1°50	0°58	7°16	n.a.	S 7
S 8	8 52 6	14°56'37	21°52	3°11	23°48	25°40	5°13	26°R23	26°59	16°18	29°25	1°43	0°54	7°23	n.a.	S 8
M 9	8 56 3	15°56'23	6♌ 6	4° 6	25° 2	26°27	5°16	26°23	27° 3	16°18	29°25	1°33	0°51	7°29	n.a.	M 9
T 10	8 59 59	16°56'07	20°42	4°54	26°16	27°14	5°19	26°23	27° 6	16°17	29°26	1°22	0°48	7°36	n.a.	T 10
W11	9 3 56	17°55'49	5♍30	5°34	27°30	28° 1	5°22	26°23	27° 9	16°17	29°26	1°11	0°45	7°43	n.a.	W11
T 12	9 7 53	18°55'29	20°23	6° 6	28°45	28°48	5°24	26°23	27°13	16°16	29°27	1° 0	0°42	7°49	n.a.	T 12
F 13	9 11 49	19°55'06	5♎12	6°29	29°59	29°35	5°26	26°22	27°16	16°15	29°27	0°52	0°39	7°56	n.a.	F 13
S 14	9 15 46	20°54'42	19°49	6°44	1♒13	0♒23	5°29	26°22	27°19	16°15	29°28	0°47	0°35	8° 3	n.a.	S 14
S 15	9 19 42	21°54'16	4♏10	6°R51	2°27	1°10	5°31	26°21	27°23	16°14	29°29	0°44	0°32	8°10	n.a.	S 15
M16	9 23 39	22°53'49	18°13	6°49	3°41	1°57	5°32	26°20	27°26	16°13	29°29	0°43	0°29	8°16	n.a.	M16
T 17	9 27 35	23°53'19	1♐57	6°39	4°55	2°43	5°34	26°19	27°30	16°12	29°30	0°43	0°26	8°23	n.a.	T 17
W18	9 31 32	24°52'48	15°24	6°22	6° 9	3°30	5°35	26°18	27°33	16°11	29°30	0°43	0°23	8°30	n.a.	W18
T 19	9 35 28	25°52'15	28°36	5°58	7°23	4°17	5°36	26°17	27°37	16°11	29°31	0°40	0°20	8°36	n.a.	T 19
F 20	9 39 25	26°51'40	11♑34	5°27	8°37	5° 4	5°37	26°16	27°40	16°10	29°32	0°36	0°16	8°43	n.a.	F 20
S 21	9 43 22	27°51'03	24°21	4°50	9°52	5°51	5°38	26°15	27°43	16° 9	29°33	0°28	0°13	8°50	n.a.	S 21
S 22	9 47 18	28°50'24	6♒57	4° 8	11° 6	6°38	5°39	26°14	27°47	16° 8	29°33	0°17	0°10	8°56	n.a.	S 22
M23	9 51 15	29°49'43	19°23	3°23	12°20	7°25	5°39	26°12	27°50	16° 7	29°34	0° 4	0° 7	9° 3	n.a.	M23
T 24	9 55 11	0♓48'59	1♓40	2°34	13°34	8°12	5°40	26°11	27°54	16° 6	29°35	29♉50	0° 4	9°10	n.a.	T 24
W25	9 59 8	1°48'14	13°48	1°44	14°48	8°59	5°R40	26° 9	27°57	16° 5	29°36	29°36	0° 0	9°16	n.a.	W25
T 26	10 3 4	2°47'26	25°48	0°53	16° 2	9°46	5°40	26° 8	28° 1	16° 4	29°36	29°22	29♉57	9°23	n.a.	T 26
F 27	10 7 1	3°46'36	7♈41	0° 1	17°16	10°32	5°39	26° 6	28° 4	16° 3	29°37	29°12	29°54	9°30	n.a.	F 27
S 28	10 10 57	4♓45'44	19♈30	29♒11	18♒30	11♒19	5♏39	26♎ 4	28♒ 7	16♎ 2	29♈38	29♉ 3	29♉51	9♈37	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	18s30	6n 7	3s11	13s39	0n 8	23s21	0s29	23s13	1s 2	12s10	1n10	7s58	2n30	13s30	0s44	4s40	2n 0	0s48	13s 1	20n49	20n40	1s12			n.a.
M 2	18 15	11 9	2 19	12 54	0 21	23 14	0 31	23 6	1 2	12 12	1 11	7 58	2 31	13 29	0 44	4 39	2 1	0 48	13 1	20 48	20 40	1 9			n.a.
T 3	17 58	15 50	1 19	12 10	0 34	23 7	0 34	22 59	1 3	12 13	1 11	7 58	2 31	13 27	0 44	4 39	2 1	0 47	13 1	20 48	20 39	1 6			n.a.
W 4	17 42	19 59	0 15	11 27	0 48	22 59	0 36	22 52	1 3	12 14	1 11	7 58	2 31	13 26	0 44	4 39	2 1	0 47	13 0	20 49	20 38	1 3			n.a.
T 5	17 25	23 20	0n52	10 45	1 2	22 51	0 38	22 44	1 3	12 15	1 11	7 57	2 31	13 25	0 44	4 39	2 1	0 46	13 0	20 49	20 38	0 59			n.a.
F 6	17 8	25 35	1 57	10 4	1 17	22 42	0 41	22 36	1 4	12 16	1 11	7 57	2 31	13 24	0 44	4 39	2 1	0 46	13 0	20 48	20 37	0 56			n.a.
S 7	16 51	26 28	2 59	9 26	1 31	22 32	0 43	22 28	1 4	12 17	1 11	7 57	2 32	13 23	0 44	4 38	2 1	0 45	13 0	20 47	20 36	0 53			n.a.
S 8	16 33	25 45	3 52	8 50	1 45	22 21	0 45	22 19	1 4	12 18	1 11	7 57	2 32	13 22	0 44	4 38	2 1	0 45	12 59	20 46	20 36	0 50			n.a.
M 9	16 15	23 22	4 32	8 16	2 0	22 10	0 47	22 11	1 4	12 19	1 12	7 57	2 32	13 20	0 44	4 38	2 1	0 45	12 59	20 44	20 35	0 47			n.a.
T 10	15 57	19 26	4 56	7 46	2 13	21 58	0 49	22 2	1 5	12 20	1 12	7 57	2 32	13 19	0 44	4 37	2 1	0 44	12 59	20 41	20 34	0 44			n.a.
W11	15 39	14 15	5 0	7 19	2 27	21 46	0 51	21 53	1 5	12 21	1 12	7 56	2 33	13 18	0 44	4 37	2 1	0 44	12 58	20 39	20 34	0 41			n.a.
T 12	15 20	8 12	4 44	6 55	2 40	21 32	0 53	21 43	1 5	12 21	1 12	7 56	2 33	13 17	0 44	4 37	2 1	0 43	12 58	20 37	20 33	0 37			n.a.
F 13	15 1	1 43	4 9	6 35	2 52	21 19	0 55	21 34	1 6	12 22	1 12	7 56	2 33	13 16	0 44	4 36	2 1	0 43	12 58	20 35	20 32	0 34			n.a.
S 14	14 42	4s48	3 18	6 20	3 3	21 4	0 57	21 24	1 6	12 23	1 12	7 55	2 33	13 15	0 44	4 36	2 1	0 42	12 58	20 34	20 32	0 31			n.a.
S 15	14 23	10 57	2 15	6 8	3 13	20 49	0 59	21 13	1 6	12 23	1 12	7 55	2 33	13 13	0 44	4 36	2 1	0 42	12 57	20 34	20 31	0 28			n.a.
M16	14 3	16 25	1 6	6 0	3 22	20 33	1 1	21 3	1 6	12 24	1 13	7 54	2 34	13 12	0 44	4 35	2 1	0 41	12 57	20 33	20 30	0 25			n.a.
T 17	13 43	20 55	0s 7	5 57	3 29	20 17	1 3	20 53	1 7	12 24	1 13	7 54	2 34	13 11	0 44	4 35	2 1	0 41	12 57	20 33	20 30	0 22			n.a.
W18	13 23	24 12	1 17	5 58	3 35	20 0	1 4	20 42	1 7	12 24	1 13	7 53	2 34	13 10	0 44	4 35	2 2	0 40	12 56	20 33	20 29	0 19			n.a.
T 19	13 3	26 5	2 22	6 3	3 39	19 43	1 6	20 31	1 7	12 25	1 13	7 53	2 34	13 9	0 44	4 34	2 2	0 40	12 56	20 33	20 28	0 15			n.a.
F 20	12 43	26 30	3 18	6 12	3 42	19 25	1 8	20 19	1 7	12 25	1 13	7 52	2 35	13 7	0 44	4 34	2 2	0 39	12 56	20 32	20 28	0 12			n.a.
S 21	12 22	25 30	4 3	6 24	3 43	19 7	1 9	20 8	1 7	12 25	1 13	7 51	2 35	13 6	0 44	4 33	2 2	0 39	12 56	20 30	20 27	0 9			n.a.
S 22	12 1	23 12	4 35	6 40	3 42	18 48	1 11	19 56	1 8	12 25	1 13	7 51	2 35	13 5	0 44	4 33	2 2	0 38	12 55	20 28	20 26	0 6			n.a.
M23	11 40	19 50	4 54	6 59	3 39	18 28	1 12	19 44	1 8	12 25	1 14	7 50	2 35	13 4	0 44	4 33	2 2	0 38	12 55	20 25	20 26	0 3			n.a.
T 24	11 19	15 40	4 59	7 21	3 35	18 8	1 13	19 32	1 8	12 25	1 14	7 49	2 35	13 3	0 44	4 32	2 2	0 37	12 55	20 22	20 25	0n 0			n.a.
W25	10 58	10 54	4 50	7 45	3 28	17 47	1 15	19 20	1 8	12 25	1 14	7 49	2 36	13 1	0 44	4 32	2 2	0 37	12 55	20 19	20 24	0 4			n.a.
T 26	10 36	5 48	4 29	8 11	3 20	17 26	1 16	19 7	1 8	12 25	1 14	7 48	2 36	13 0	0 44	4 31	2 2	0 36	12 54	20 16	20 24	0 7			n.a.
F 27	10 15	0 31	3 55	8 38	3 10	17 5	1 17	18 55	1 9	12 24	1 14	7 47	2 36	12 59	0 44	4 31	2 2	0 36	12 54	20 14	20 23	0 10			n.a.
S 28	9s53	4n46	3s12	9s 6	2n59	16s43	1s18	18s42	1s 9	12s24	1n14	7s46	2n36	12s58	0s44	4s30	2n 2	0s35	12s54	20n12	20n22	0n13			n.a.

Julian Day Number = 1596173.5, Delta T = 04h02m04s
Ecliptic obliquity = 23°44'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'24, Lahiri = - 8°41'24 Julian Calendar 1 Feb. 343 BCE == Greg. Calendar 27 Jan. 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

MARCH 343 BCE (-342) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 14 54	5♓44'49	1♉19	28°R24	19♒44	12♒ 6	5°R38	26°R 2	28♒11	16°R 0	29♈39	28°R58	29♉48	9♈43	n.a.	S 1
M 2	10 18 50	6°43'52	13°10	27♒39	20°58	12°53	5♏37	26♎ 0	28°14	15♎59	29°40	28♉55	29°45	9°50	n.a.	M 2
T 3	10 22 47	7°42'53	25° 8	26°57	22°12	13°39	5°36	25°58	28°18	15°58	29°41	28°D55	29°41	9°57	n.a.	T 3
W 4	10 26 44	8°41'51	7♊20	26°20	23°26	14°26	5°35	25°56	28°21	15°57	29°42	28°R55	29°38	10° 3	n.a.	W 4
T 5	10 30 40	9°40'47	19°49	25°47	24°40	15°13	5°34	25°53	28°24	15°56	29°42	28°54	29°35	10°10	n.a.	T 5
F 6	10 34 37	10°39'41	2♋42	25°20	25°54	15°59	5°32	25°51	28°28	15°54	29°43	28°53	29°32	10°17	n.a.	F 6
S 7	10 38 33	11°38'32	16° 2	24°57	27° 8	16°46	5°30	25°48	28°31	15°53	29°44	28°49	29°29	10°23	n.a.	S 7
S 8	10 42 30	12°37'21	29°52	24°40	28°22	17°32	5°28	25°46	28°34	15°52	29°45	28°42	29°26	10°30	n.a.	S 8
M 9	10 46 26	13°36'07	14♌11	24°29	29°36	18°19	5°26	25°43	28°38	15°51	29°46	28°34	29°22	10°37	n.a.	M 9
T 10	10 50 23	14°34'52	28°56	24°22	0♓50	19° 5	5°24	25°40	28°41	15°49	29°47	28°23	29°19	10°43	n.a.	T 10
W11	10 54 19	15°33'34	13♍59	24°D22	2° 4	19°52	5°21	25°38	28°44	15°48	29°48	28°13	29°16	10°50	n.a.	W11
T 12	10 58 16	16°32'13	29°10	24°26	3°18	20°38	5°18	25°35	28°48	15°47	29°49	28° 3	29°13	10°57	n.a.	T 12
F 13	11 2 13	17°30'51	14♎20	24°36	4°32	21°25	5°16	25°32	28°51	15°45	29°50	27°55	29°10	11° 3	n.a.	F 13
S 14	11 6 9	18°29'27	29°18	24°51	5°45	22°11	5°12	25°29	28°54	15°44	29°51	27°50	29° 6	11°10	n.a.	S 14
S 15	11 10 6	19°28'01	13♏56	25°10	6°59	22°57	5° 9	25°26	28°58	15°42	29°52	27°47	29° 3	11°17	n.a.	S 15
M16	11 14 2	20°26'34	28°12	25°34	8°13	23°44	5° 6	25°23	29° 1	15°41	29°54	27°D46	29° 0	11°24	n.a.	M16
T 17	11 17 59	21°25'05	12♐ 3	26° 3	9°27	24°30	5° 2	25°19	29° 4	15°40	29°55	27°47	28°57	11°30	n.a.	T 17
W18	11 21 55	22°23'34	25°31	26°35	10°41	25°16	4°59	25°16	29° 7	15°38	29°56	27°R47	28°54	11°37	n.a.	W18
T 19	11 25 52	23°22'01	8♑38	27°12	11°55	26° 2	4°55	25°13	29°10	15°37	29°57	27°46	28°51	11°44	n.a.	T 19
F 20	11 29 48	24°20'27	21°27	27°53	13° 9	26°49	4°51	25° 9	29°14	15°35	29°58	27°43	28°47	11°50	n.a.	F 20
S 21	11 33 45	25°18'51	4♒ 2	28°37	14°23	27°35	4°46	25° 6	29°17	15°34	29°59	27°37	28°44	11°57	n.a.	S 21
S 22	11 37 42	26°17'13	16°24	29°25	15°37	28°21	4°42	25° 2	29°20	15°32	0♉ 0	27°29	28°41	12° 4	n.a.	S 22
M23	11 41 38	27°15'33	28°36	0♓16	16°50	29° 7	4°37	24°59	29°23	15°31	0° 1	27°19	28°38	12°10	n.a.	M23
T 24	11 45 35	28°13'52	10♓41	1°10	18° 4	29°53	4°33	24°55	29°26	15°29	0° 3	27° 8	28°35	12°17	n.a.	T 24
W25	11 49 31	29°12'08	22°40	2° 8	19°18	0♓39	4°28	24°51	29°29	15°28	0° 4	26°56	28°31	12°24	n.a.	W25
T 26	11 53 28	0♈10'23	4♈33	3° 8	20°32	1°25	4°23	24°47	29°32	15°26	0° 5	26°46	28°28	12°30	n.a.	T 26
F 27	11 57 24	1° 8'36	16°23	4°11	21°46	2°11	4°18	24°44	29°35	15°25	0° 6	26°38	28°25	12°37	n.a.	F 27
S 28	12 1 21	2° 6'47	28°11	5°17	23° 0	2°57	4°12	24°40	29°38	15°23	0° 7	26°31	28°22	12°44	n.a.	S 28
S 29	12 5 17	3° 4'56	10♉ 1	6°26	24°14	3°43	4° 7	24°36	29°41	15°21	0° 9	26°27	28°19	12°50	n.a.	S 29
M30	12 9 14	4° 3'03	21°54	7°37	25°27	4°28	4° 1	24°32	29°44	15°20	0°10	26°D26	28°16	12°57	n.a.	M30
T 31	12 13 10	5♈ 1'09	3♊55	8♓50	26♓41	5♓14	3♏55	24♎28	29♒47	15♎18	0♉11	26♉26	28♉12	13♈ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	9s31	9n53	2s20	9s34	2n47	16s20	1s19	18s29	1s 9	12s24	1n14	7s45	2n36	12s57	0s44	4s30	2n 2	0s35	12s53	20n11	20n22	0n16			n.a.
M 2	9 9	14 41	1 22	10 2	2 34	15 57	1 20	18 16	1 9	12 23	1 14	7 44	2 36	12 55	0 44	4 29	2 2	0 34	12 53	20 10	20 21	0 19			n.a.
T 3	8 47	18 58	0 20	10 29	2 20	15 34	1 21	18 2	1 9	12 23	1 15	7 43	2 37	12 54	0 44	4 29	2 2	0 34	12 53	20 10	20 20	0 23			n.a.
W 4	8 25	22 32	0n44	10 56	2 5	15 10	1 22	17 49	1 9	12 22	1 15	7 42	2 37	12 53	0 44	4 28	2 2	0 33	12 53	20 10	20 19	0 26			n.a.
T 5	8 2	25 9	1 48	11 21	1 50	14 46	1 23	17 35	1 9	12 22	1 15	7 41	2 37	12 52	0 44	4 28	2 2	0 33	12 53	20 10	20 19	0 29			n.a.
F 6	7 40	26 31	2 49	11 45	1 35	14 21	1 24	17 21	1 10	12 21	1 15	7 40	2 37	12 51	0 44	4 27	2 2	0 32	12 52	20 10	20 18	0 32			n.a.
S 7	7 17	26 26	3 42	12 7	1 19	13 56	1 24	17 7	1 10	12 20	1 15	7 39	2 37	12 50	0 44	4 27	2 2	0 32	12 52	20 9	20 17	0 35			n.a.
S 8	6 54	24 44	4 25	12 28	1 4	13 31	1 25	16 53	1 10	12 20	1 15	7 38	2 38	12 48	0 44	4 26	2 2	0 31	12 52	20 7	20 17	0 39			n.a.
M 9	6 32	21 26	4 52	12 46	0 48	13 5	1 25	16 38	1 10	12 19	1 15	7 37	2 38	12 47	0 44	4 26	2 2	0 30	12 52	20 5	20 16	0 42			n.a.
T 10	6 9	16 41	5 1	13 3	0 33	12 39	1 26	16 24	1 10	12 18	1 15	7 36	2 38	12 46	0 44	4 25	2 2	0 30	12 51	20 3	20 15	0 45			n.a.
W11	5 46	10 50	4 50	13 17	0 18	12 13	1 26	16 9	1 10	12 17	1 16	7 35	2 38	12 45	0 44	4 25	2 3	0 29	12 51	20 1	20 15	0 48			n.a.
T 12	5 23	4 17	4 19	13 29	0 4	11 46	1 27	15 54	1 10	12 16	1 16	7 33	2 38	12 44	0 44	4 24	2 3	0 29	12 51	19 58	20 14	0 51			n.a.
F 13	5 0	2s31	3 29	13 39	0s10	11 19	1 27	15 39	1 10	12 15	1 16	7 32	2 38	12 43	0 44	4 24	2 3	0 28	12 51	19 57	20 13	0 54			n.a.
S 14	4 36	9 6	2 25	13 47	0 24	10 52	1 27	15 24	1 10	12 14	1 16	7 31	2 38	12 41	0 44	4 23	2 3	0 28	12 50	19 55	20 13	0 58			n.a.
S 15	4 13	15 4	1 13	13 52	0 37	10 24	1 27	15 8	1 10	12 13	1 16	7 30	2 39	12 40	0 44	4 22	2 3	0 27	12 50	19 55	20 12	1 1			n.a.
M16	3 50	20 3	0s 2	13 55	0 49	9 56	1 27	14 53	1 10	12 11	1 16	7 28	2 39	12 39	0 44	4 22	2 3	0 27	12 50	19 55	20 11	1 4			n.a.
T 17	3 27	23 46	1 15	13 57	1 1	9 28	1 27	14 37	1 10	12 10	1 16	7 27	2 39	12 38	0 44	4 21	2 3	0 26	12 50	19 55	20 10	1 7			n.a.
W18	3 3	26 2	2 22	13 56	1 12	9 0	1 27	14 22	1 10	12 9	1 16	7 26	2 39	12 37	0 44	4 21	2 3	0 25	12 50	19 55	20 10	1 10			n.a.
T 19	2 40	26 46	3 20	13 53	1 22	8 31	1 27	14 6	1 10	12 7	1 16	7 24	2 39	12 36	0 44	4 20	2 3	0 25	12 49	19 54	20 9	1 13			n.a.
F 20	2 17	26 2	4 6	13 48	1 32	8 2	1 27	13 50	1 10	12 6	1 16	7 23	2 39	12 35	0 44	4 19	2 3	0 24	12 49	19 54	20 8	1 17			n.a.
S 21	1 53	24 0	4 39	13 41	1 41	7 33	1 27	13 34	1 10	12 4	1 17	7 22	2 39	12 34	0 44	4 19	2 3	0 24	12 49	19 52	20 8	1 20			n.a.
S 22	1 30	20 51	4 58	13 32	1 50	7 4	1 27	13 18	1 10	12 3	1 17	7 20	2 40	12 32	0 44	4 18	2 3	0 23	12 49	19 51	20 7	1 23			n.a.
M23	1 6	16 50	5 4	13 21	1 58	6 35	1 26	13 1	1 10	12 1	1 17	7 19	2 40	12 31	0 44	4 18	2 3	0 23	12 49	19 48	20 6	1 26			n.a.
T 24	0 43	12 12	4 55	13 8	2 5	6 5	1 26	12 45	1 10	11 59	1 17	7 17	2 40	12 30	0 44	4 17	2 3	0 22	12 49	19 46	20 6	1 29			n.a.
W25	0 19	7 8	4 34	12 54	2 12	5 35	1 25	12 29	1 10	11 58	1 17	7 16	2 40	12 29	0 44	4 16	2 3	0 22	12 48	19 43	20 5	1 33			n.a.
T 26	0n 4	1 51	4 1	12 37	2 18	5 5	1 25	12 12	1 10	11 56	1 17	7 14	2 40	12 28	0 44	4 16	2 3	0 21	12 48	19 41	20 4	1 36			n.a.
F 27	0 28	3n29	3 18	12 19	2 23	4 35	1 24	11 55	1 10	11 54	1 17	7 13	2 40	12 27	0 44	4 15	2 3	0 20	12 48	19 39	20 3	1 39			n.a.
S 28	0 51	8 42	2 26	11 58	2 28	4 5	1 23	11 38	1 10	11 52	1 17	7 11	2 40	12 26	0 45	4 15	2 3	0 20	12 48	19 37	20 3	1 42			n.a.
S 29	1 14	13 37	1 27	11 37	2 32	3 35	1 23	11 22	1 10	11 50	1 17	7 10	2 40	12 25	0 45	4 14	2 3	0 19	12 48	19 36	20 2	1 45			n.a.
M30	1 38	18 5	0 24	11 13	2 35	3 5	1 22	11 5	1 10	11 48	1 17	7 8	2 40	12 24	0 45	4 13	2 3	0 19	12 48	19 36	20 1	1 49			n.a.
T 31	2n 1	21n51	0n40	10s48	2s38	2s34	1s21	10s48	1s10	11s46	1n17	7s 7	2n40	12s23	0s45	4s13	2n 3	0s18	12s47	19n36	20n 1	1n52			n.a.

Julian Day Number = 1596201.5, Delta T = 04h02m03s
Ecliptic obliquity = 23°44'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'20, Lahiri = - 8°41'20 Julian Calendar 1 March 343 BCE == Greg. Calendar 24 Feb. 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

APRIL 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 17 7	5♈59'12	16♊ 7	10♓ 6	27♓55	6♓ 0	3°R50	24°R24	29♒50	15°R17	0♉12	26♉27	28♉ 9	13♈11	n.a.	W 1
T 2	12 21 4	6°57'13	28°36	11°24	29° 9	6°45	3♏44	24♎20	29°53	15♎15	0°14	26°28	28° 6	13°17	n.a.	T 2
F 3	12 25 0	7°55'12	11♋25	12°44	0♈23	7°31	3°38	24°15	29°56	15°13	0°15	26°R28	28° 3	13°24	n.a.	F 3
S 4	12 28 57	8°53'10	24°40	14° 7	1°36	8°17	3°31	24°11	29°59	15°12	0°16	26°27	28° 0	13°31	n.a.	S 4
S 5	12 32 53	9°51'05	8♌23	15°32	2°50	9° 2	3°25	24° 7	0♓ 2	15°10	0°17	26°24	27°57	13°37	n.a.	S 5
M 6	12 36 50	10°48'58	22°35	16°59	4° 4	9°48	3°19	24° 3	0° 4	15° 9	0°19	26°19	27°53	13°44	n.a.	M 6
T 7	12 40 46	11°46'50	7♍14	18°28	5°18	10°33	3°12	23°59	0° 7	15° 7	0°20	26°13	27°50	13°51	n.a.	T 7
W 8	12 44 43	12°44'39	22°15	19°59	6°31	11°18	3° 5	23°54	0°10	15° 5	0°21	26° 7	27°47	13°57	n.a.	W 8
T 9	12 48 39	13°42'27	7♎29	21°32	7°45	12° 4	2°59	23°50	0°13	15° 4	0°23	26° 1	27°44	14° 4	n.a.	T 9
F 10	12 52 36	14°40'13	22°45	23° 7	8°59	12°49	2°52	23°46	0°15	15° 2	0°24	25°56	27°41	14°11	n.a.	F 10
S 11	12 56 33	15°37'58	7♏54	24°45	10°13	13°34	2°45	23°41	0°18	15° 0	0°25	25°53	27°37	14°17	n.a.	S 11
S 12	13 0 29	16°35'41	22°46	26°24	11°26	14°19	2°38	23°37	0°21	14°59	0°27	25°D52	27°34	14°24	n.a.	S 12
M13	13 4 26	17°33'23	7♐15	28° 5	12°40	15° 5	2°31	23°33	0°23	14°57	0°28	25°52	27°31	14°31	n.a.	M13
T 14	13 8 22	18°31'04	21°18	29°49	13°54	15°50	2°24	23°28	0°26	14°56	0°29	25°53	27°28	14°37	n.a.	T 14
W15	13 12 19	19°28'44	4♑55	1♈34	15° 8	16°35	2°17	23°24	0°28	14°54	0°31	25°55	27°25	14°44	n.a.	W15
T 16	13 16 15	20°26'23	18° 6	3°22	16°21	17°20	2° 9	23°19	0°31	14°52	0°32	25°R55	27°22	14°51	n.a.	T 16
F 17	13 20 12	21°24'00	0♒55	5°11	17°35	18° 5	2° 2	23°15	0°33	14°51	0°33	25°55	27°18	14°57	n.a.	F 17
S 18	13 24 8	22°21'36	13°26	7° 3	18°49	18°50	1°55	23°11	0°36	14°49	0°35	25°53	27°15	15° 4	n.a.	S 18
S 19	13 28 5	23°19'12	25°42	8°57	20° 2	19°34	1°47	23° 6	0°38	14°48	0°36	25°50	27°12	15°11	n.a.	S 19
M20	13 32 2	24°16'46	7♓47	10°52	21°16	20°19	1°40	23° 2	0°40	14°46	0°37	25°45	27° 9	15°18	n.a.	M20
T 21	13 35 58	25°14'19	19°44	12°50	22°30	21° 4	1°32	22°57	0°43	14°44	0°39	25°40	27° 6	15°24	n.a.	T 21
W22	13 39 55	26°11'51	1♈36	14°49	23°44	21°49	1°25	22°53	0°45	14°43	0°40	25°35	27° 3	15°31	n.a.	W22
T 23	13 43 51	27° 9'21	13°26	16°51	24°57	22°33	1°17	22°48	0°47	14°41	0°41	25°30	26°59	15°38	n.a.	T 23
F 24	13 47 48	28° 6'51	25°15	18°54	26°11	23°18	1° 9	22°44	0°49	14°40	0°43	25°26	26°56	15°44	n.a.	F 24
S 25	13 51 44	29° 4'19	7♉ 6	20°59	27°25	24° 2	1° 2	22°40	0°52	14°38	0°44	25°24	26°53	15°51	n.a.	S 25
S 26	13 55 41	0♉ 1'46	19° 0	23° 5	28°38	24°47	0°54	22°35	0°54	14°36	0°45	25°22	26°50	15°58	n.a.	S 26
M27	13 59 37	0°59'13	1♊ 0	25°13	29°52	25°31	0°46	22°31	0°56	14°35	0°47	25°D22	26°47	16° 4	n.a.	M27
T 28	14 3 34	1°56'38	13° 8	27°22	1♉ 6	26°16	0°39	22°27	0°58	14°33	0°48	25°23	26°43	16°11	n.a.	T 28
W29	14 7 31	2°54'01	25°28	29°32	2°19	27° 0	0°31	22°22	1° 0	14°32	0°50	25°25	26°40	16°18	n.a.	W29
T 30	14 11 27	3♉51'24	8♋ 3	1♉43	3♉33	27♓44	0♏23	22♎18	1♓ 2	14♎30	0♉51	25♉26	26♉37	16♈24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n24	24n44	1n44	10s21	2s40	2s 4	1s20	10s30	1s10	11s44	1n17	7s 5	2n40	12s22	0s45	4s12	2n 3	0s18	12s47	19n36	20n 0	1n55		n.a.
T 2	2 48	26 28	2 45	9 52	2 42	1 33	1 19	10 13	1 10	11 42	1 17	7 4	2 40	12 21	0 45	4 11	2 3	0 17	12 47	19 36	19 59	1 58		n.a.
F 3	3 11	26 52	3 39	9 22	2 43	1 2	1 18	9 56	1 10	11 40	1 17	7 2	2 41	12 20	0 45	4 11	2 3	0 16	12 47	19 36	19 58	2 1		n.a.
S 4	3 34	25 46	4 23	8 50	2 43	0 32	1 17	9 39	1 10	11 38	1 17	7 1	2 41	12 19	0 45	4 10	2 3	0 16	12 47	19 36	19 58	2 5		n.a.
S 5	3 57	23 7	4 54	8 16	2 43	0 1	1 16	9 21	1 10	11 36	1 17	6 59	2 41	12 18	0 45	4 9	2 3	0 15	12 47	19 35	19 57	2 8		n.a.
M 6	4 20	19 0	5 8	7 41	2 42	0n30	1 15	9 4	1 10	11 34	1 17	6 57	2 41	12 17	0 45	4 9	2 3	0 15	12 47	19 34	19 56	2 11		n.a.
T 7	4 43	13 38	5 3	7 5	2 41	1 0	1 13	8 46	1 9	11 31	1 17	6 56	2 41	12 16	0 45	4 8	2 3	0 14	12 47	19 33	19 55	2 14		n.a.
W 8	5 6	7 21	4 37	6 27	2 39	1 31	1 12	8 29	1 9	11 29	1 17	6 54	2 41	12 15	0 45	4 8	2 3	0 14	12 46	19 31	19 55	2 17		n.a.
T 9	5 28	0 32	3 52	5 47	2 36	2 2	1 11	8 11	1 9	11 27	1 17	6 52	2 41	12 14	0 45	4 7	2 3	0 13	12 46	19 30	19 54	2 20		n.a.
F 10	5 51	6s20	2 50	5 6	2 33	2 33	1 9	7 53	1 9	11 25	1 17	6 51	2 41	12 13	0 45	4 6	2 3	0 13	12 46	19 29	19 53	2 24		n.a.
S 11	6 14	12 48	1 36	4 24	2 30	3 3	1 8	7 36	1 9	11 22	1 17	6 49	2 41	12 12	0 45	4 6	2 3	0 12	12 46	19 28	19 53	2 27		n.a.
S 12	6 36	18 25	0 17	3 40	2 26	3 34	1 6	7 18	1 9	11 20	1 17	6 48	2 41	12 11	0 45	4 5	2 3	0 12	12 46	19 28	19 52	2 30		n.a.
M13	6 58	22 48	1s 2	2 55	2 21	4 4	1 5	7 0	1 9	11 17	1 17	6 46	2 41	12 10	0 45	4 4	2 3	0 11	12 46	19 28	19 51	2 33		n.a.
T 14	7 21	25 41	2 14	2 8	2 15	4 35	1 3	6 42	1 8	11 15	1 17	6 44	2 41	12 9	0 45	4 4	2 3	0 10	12 46	19 28	19 50	2 36		n.a.
W15	7 43	26 55	3 17	1 21	2 10	5 5	1 2	6 24	1 8	11 12	1 17	6 43	2 41	12 9	0 45	4 3	2 3	0 10	12 46	19 28	19 50	2 40		n.a.
T 16	8 5	26 34	4 7	0 32	2 3	5 35	1 0	6 6	1 8	11 10	1 17	6 41	2 41	12 8	0 45	4 3	2 3	0 9	12 46	19 29	19 49	2 43		n.a.
F 17	8 27	24 48	4 43	0n19	1 56	6 5	0 58	5 48	1 8	11 7	1 17	6 39	2 41	12 7	0 45	4 2	2 3	0 9	12 46	19 29	19 48	2 46		n.a.
S 18	8 49	21 51	5 5	1 10	1 49	6 35	0 56	5 30	1 8	11 5	1 17	6 38	2 41	12 6	0 45	4 1	2 3	0 8	12 45	19 28	19 47	2 49		n.a.
S 19	9 10	17 59	5 12	2 3	1 41	7 5	0 55	5 12	1 7	11 2	1 17	6 36	2 41	12 5	0 45	4 1	2 3	0 8	12 45	19 27	19 47	2 52		n.a.
M20	9 32	13 28	5 5	2 56	1 33	7 35	0 53	4 54	1 7	11 0	1 17	6 35	2 41	12 4	0 45	4 0	2 3	0 7	12 45	19 26	19 46	2 56		n.a.
T 21	9 53	8 28	4 45	3 50	1 24	8 4	0 51	4 36	1 7	10 57	1 17	6 33	2 41	12 4	0 45	3 59	2 3	0 7	12 45	19 25	19 45	2 59		n.a.
W22	10 14	3 13	4 13	4 46	1 15	8 34	0 49	4 18	1 7	10 55	1 17	6 31	2 41	12 3	0 45	3 59	2 3	0 6	12 45	19 24	19 44	3 2		n.a.
T 23	10 35	2n 9	3 30	5 42	1 6	9 3	0 47	4 0	1 6	10 52	1 17	6 30	2 41	12 2	0 45	3 58	2 3	0 6	12 45	19 23	19 44	3 5		n.a.
F 24	10 56	7 27	2 38	6 38	0 56	9 32	0 45	3 42	1 6	10 49	1 17	6 28	2 41	12 1	0 45	3 58	2 3	0 5	12 45	19 22	19 43	3 8		n.a.
S 25	11 17	12 30	1 39	7 35	0 46	10 1	0 43	3 24	1 6	10 47	1 17	6 27	2 41	12 1	0 45	3 57	2 3	0 5	12 45	19 21	19 42	3 12		n.a.
S 26	11 37	17 8	0 35	8 32	0 35	10 29	0 41	3 6	1 6	10 44	1 17	6 25	2 40	12 0	0 45	3 56	2 3	0 4	12 45	19 21	19 42	3 15		n.a.
M27	11 58	21 7	0n31	9 29	0 25	10 58	0 39	2 48	1 5	10 42	1 16	6 23	2 40	11 59	0 45	3 56	2 3	0 4	12 45	19 21	19 41	3 18		n.a.
T 28	12 18	24 15	1 36	10 26	0 14	11 26	0 37	2 30	1 5	10 39	1 16	6 22	2 40	11 58	0 45	3 55	2 3	0 3	12 45	19 21	19 40	3 21		n.a.
W29	12 38	26 18	2 38	11 23	0 4	11 53	0 35	2 12	1 5	10 36	1 16	6 20	2 40	11 58	0 45	3 55	2 3	0 3	12 45	19 21	19 39	3 24		n.a.
T 30	12n58	27n 3	3n34	12n19	0n 7	12n21	0s32	1s54	1s 5	10s34	1n16	6s19	2n40	11s57	0s45	3s54	2n 3	0s 2	12s45	19n22	19n39	3n28		n.a.

Julian Day Number = 1596232.5, Delta T = 04h02m02s
Ecliptic obliquity = 23°44'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'16, Lahiri = - 8°41'16 Julian Calendar 1 Apr. 343 BCE == Greg. Calendar 27 March 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

MAY 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 15 24	4♉48'45	20♋55	3♉54	4♉47	28♓28	0°R16	22°R14	1♓ 4	14°R29	0♉52	25♉27	26♉34	16♈31	n.a.	F 1
S 2	14 19 20	5°46'05	4♌ 8	6° 6	6° 0	29°13	0♏ 8	22♎ 9	1° 6	14♎27	0°54	25°R28	26°31	16°38	n.a.	S 2
S 3	14 23 17	6°43'24	17°45	8°18	7°14	29°57	0° 1	22° 5	1° 7	14°26	0°55	25°28	26°28	16°44	n.a.	S 3
M 4	14 27 13	7°40'41	1♍47	10°29	8°28	0♈41	29♎53	22° 1	1° 9	14°24	0°56	25°26	26°24	16°51	n.a.	M 4
T 5	14 31 10	8°37'58	16°12	12°40	9°41	1°25	29°46	21°57	1°11	14°23	0°58	25°25	26°21	16°58	n.a.	T 5
W 6	14 35 6	9°35'13	0♎58	14°50	10°55	2° 8	29°38	21°53	1°13	14°21	0°59	25°23	26°18	17° 4	n.a.	W 6
T 7	14 39 3	10°32'27	15°58	17° 0	12° 9	2°52	29°31	21°49	1°14	14°20	1° 0	25°21	26°15	17°11	n.a.	T 7
F 8	14 43 0	11°29'40	1♏ 5	19° 8	13°22	3°36	29°24	21°45	1°16	14°19	1° 2	25°20	26°12	17°18	n.a.	F 8
S 9	14 46 56	12°26'53	16°10	21°14	14°36	4°20	29°16	21°41	1°18	14°17	1° 3	25°19	26° 8	17°24	n.a.	S 9
S 10	14 50 53	13°24'04	1♐ 3	23°19	15°50	5° 3	29° 9	21°37	1°19	14°16	1° 4	25°D19	26° 5	17°31	n.a.	S 10
M11	14 54 49	14°21'16	15°37	25°22	17° 3	5°47	29° 2	21°33	1°21	14°15	1° 6	25°19	26° 2	17°38	n.a.	M11
T 12	14 58 46	15°18'27	29°48	27°23	18°17	6°30	28°55	21°29	1°22	14°13	1° 7	25°20	25°59	17°44	n.a.	T 12
W13	15 2 42	16°15'37	13♑32	29°22	19°31	7°14	28°48	21°25	1°24	14°12	1° 8	25°21	25°56	17°51	n.a.	W13
T 14	15 6 39	17°12'47	26°50	1♒19	20°44	7°57	28°41	21°21	1°25	14°11	1°10	25°22	25°53	17°58	n.a.	T 14
F 15	15 10 35	18° 9'57	9♒44	3°14	21°58	8°41	28°34	21°17	1°26	14° 9	1°11	25°22	25°49	18° 4	n.a.	F 15
S 16	15 14 32	19° 7'06	22°17	5° 7	23°12	9°24	28°27	21°14	1°28	14° 8	1°12	25°R22	25°46	18°11	n.a.	S 16
S 17	15 18 29	20° 4'16	4♓33	6°57	24°25	10° 7	28°21	21°10	1°29	14° 7	1°14	25°22	25°43	18°18	n.a.	S 17
M18	15 22 25	21° 1'25	16°36	8°45	25°39	10°50	28°14	21° 7	1°30	14° 6	1°15	25°21	25°40	18°24	n.a.	M18
T 19	15 26 22	21°58'33	28°30	10°31	26°53	11°33	28° 7	21° 3	1°31	14° 4	1°16	25°21	25°37	18°31	n.a.	T 19
W20	15 30 18	22°55'42	10♈20	12°14	28° 6	12°17	28° 1	21° 0	1°32	14° 3	1°18	25°21	25°34	18°38	n.a.	W20
T 21	15 34 15	23°52'50	22° 9	13°56	29°20	12°59	27°55	20°56	1°33	14° 2	1°19	25°20	25°30	18°45	n.a.	T 21
F 22	15 38 11	24°49'59	4♉ 0	15°34	0♊34	13°42	27°49	20°53	1°34	14° 1	1°20	25°20	25°27	18°51	n.a.	F 22
S 23	15 42 8	25°47'07	15°55	17°11	1°47	14°25	27°43	20°50	1°35	14° 0	1°21	25°D20	25°24	18°58	n.a.	S 23
S 24	15 46 4	26°44'15	27°58	18°44	3° 1	15° 8	27°37	20°47	1°36	13°59	1°23	25°R20	25°21	19° 5	n.a.	S 24
M25	15 50 1	27°41'23	10♊10	20°16	4°15	15°51	27°31	20°44	1°37	13°58	1°24	25°20	25°18	19°11	n.a.	M25
T 26	15 53 58	28°38'30	22°33	21°45	5°28	16°33	27°25	20°41	1°38	13°56	1°25	25°20	25°14	19°18	n.a.	T 26
W27	15 57 54	29°35'37	5♋ 7	23°12	6°42	17°16	27°20	20°38	1°39	13°55	1°26	25°20	25°11	19°25	n.a.	W27
T 28	16 1 51	0♊32'45	17°56	24°36	7°56	17°58	27°15	20°35	1°40	13°54	1°28	25°19	25° 8	19°31	n.a.	T 28
F 29	16 5 47	1°29'51	0♌59	25°58	9° 9	18°41	27° 9	20°32	1°40	13°54	1°29	25°18	25° 5	19°38	n.a.	F 29
S 30	16 9 44	2°26'58	14°19	27°17	10°23	19°23	27° 4	20°29	1°41	13°53	1°30	25°18	25° 2	19°45	n.a.	S 30
S 31	16 13 40	3♊24'04	27♌57	28♊33	11♊37	20♈ 5	26♎59	20♎26	1♓41	13♎52	1♉31	25°D18	24♉59	19♈51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n17	26n22	4n20	13n15	0n17	12n48	0s30	1s36	1s 4	10s31	1n16	6s17	2n40	11s56	0s45	3s54	2n 3	0s 2	12s45	19n22	19n38	3n31		n.a.
S 2	13 37	24 13	4 54	14 9	0 28	13 15	0 28	1 18	1 4	10 29	1 16	6 16	2 40	11 56	0 45	3 53	2 3	0 1	12 45	19 22	19 37	3 34		n.a.
S 3	13 56	20 39	5 13	15 3	0 38	13 42	0 26	1 0	1 4	10 26	1 16	6 14	2 40	11 55	0 45	3 52	2 3	0 1	12 45	19 22	19 36	3 37		n.a.
M 4	14 15	15 51	5 14	15 54	0 48	14 8	0 23	0 42	1 3	10 24	1 16	6 13	2 40	11 54	0 46	3 52	2 3	0 0	12 45	19 22	19 36	3 40		n.a.
T 5	14 33	10 2	4 55	16 44	0 57	14 34	0 21	0 24	1 3	10 21	1 15	6 11	2 40	11 54	0 46	3 51	2 3	0n 0	12 45	19 21	19 35	3 44		n.a.
W 6	14 52	3 32	4 17	17 32	1 6	14 59	0 19	0 6	1 3	10 19	1 15	6 10	2 40	11 53	0 46	3 51	2 3	0 0	12 45	19 21	19 34	3 47		n.a.
T 7	15 10	3s17	3 21	18 19	1 15	15 25	0 17	0n12	1 2	10 16	1 15	6 8	2 39	11 53	0 46	3 50	2 3	0 1	12 45	19 20	19 33	3 50		n.a.
F 8	15 28	9 58	2 10	19 3	1 23	15 49	0 14	0 30	1 2	10 14	1 15	6 7	2 39	11 52	0 46	3 50	2 3	0 1	12 45	19 20	19 33	3 53		n.a.
S 9	15 46	16 5	0 50	19 44	1 30	16 14	0 12	0 48	1 2	10 11	1 15	6 6	2 39	11 52	0 46	3 49	2 3	0 2	12 45	19 20	19 32	3 56		n.a.
S 10	16 3	21 9	0s32	20 23	1 37	16 38	0 10	1 6	1 1	10 9	1 15	6 4	2 39	11 51	0 46	3 49	2 3	0 2	12 45	19 20	19 31	4 0		n.a.
M11	16 21	24 47	1 50	21 0	1 43	17 1	0 7	1 24	1 1	10 6	1 15	6 3	2 39	11 51	0 46	3 48	2 3	0 3	12 45	19 20	19 30	4 3		n.a.
T 12	16 38	26 44	3 0	21 34	1 48	17 25	0 5	1 41	1 1	10 4	1 14	6 2	2 39	11 50	0 46	3 48	2 3	0 3	12 45	19 20	19 29	4 6		n.a.
W13	16 54	26 58	3 57	22 6	1 53	17 47	0 2	1 59	1 0	10 2	1 14	6 0	2 39	11 50	0 46	3 47	2 3	0 3	12 45	19 20	19 29	4 9		n.a.
T 14	17 11	25 36	4 39	22 35	1 57	18 10	0 0	2 17	1 0	9 59	1 14	5 59	2 38	11 49	0 46	3 47	2 2	0 4	12 45	19 20	19 28	4 13		n.a.
F 15	17 27	22 56	5 5	23 2	2 0	18 31	0n 2	2 34	0 59	9 57	1 14	5 58	2 38	11 49	0 46	3 46	2 2	0 4	12 45	19 21	19 27	4 16		n.a.
S 16	17 43	19 14	5 17	23 26	2 3	18 53	0 5	2 52	0 59	9 55	1 14	5 57	2 38	11 48	0 46	3 46	2 2	0 5	12 45	19 21	19 26	4 19		n.a.
S 17	17 59	14 48	5 13	23 47	2 5	19 14	0 7	3 10	0 59	9 53	1 13	5 55	2 38	11 48	0 46	3 45	2 2	0 5	12 45	19 21	19 26	4 22		n.a.
M18	18 14	9 53	4 56	24 6	2 6	19 34	0 9	3 27	0 58	9 50	1 13	5 54	2 38	11 47	0 46	3 45	2 2	0 5	12 45	19 20	19 25	4 25		n.a.
T 19	18 29	4 39	4 26	24 23	2 6	19 54	0 12	3 44	0 58	9 48	1 13	5 53	2 38	11 47	0 46	3 45	2 2	0 6	12 45	19 20	19 24	4 29		n.a.
W20	18 44	0n42	3 45	24 37	2 6	20 13	0 14	4 2	0 57	9 46	1 13	5 52	2 37	11 47	0 46	3 44	2 2	0 6	12 45	19 20	19 23	4 32		n.a.
T 21	18 59	6 3	2 54	24 50	2 5	20 32	0 16	4 19	0 57	9 44	1 13	5 51	2 37	11 46	0 46	3 44	2 2	0 7	12 45	19 20	19 23	4 35		n.a.
F 22	19 13	11 12	1 56	25 0	2 4	20 50	0 19	4 36	0 57	9 42	1 12	5 50	2 37	11 46	0 46	3 43	2 2	0 7	12 46	19 20	19 22	4 38		n.a.
S 23	19 27	15 59	0 52	25 7	2 1	21 7	0 21	4 54	0 56	9 40	1 12	5 49	2 37	11 46	0 46	3 43	2 2	0 7	12 46	19 20	19 21	4 41		n.a.
S 24	19 40	20 12	0n15	25 13	1 58	21 24	0 23	5 11	0 56	9 38	1 12	5 48	2 37	11 45	0 46	3 42	2 2	0 8	12 46	19 20	19 20	4 45		n.a.
M25	19 53	23 36	1 21	25 17	1 55	21 41	0 26	5 28	0 55	9 36	1 12	5 47	2 37	11 45	0 46	3 42	2 2	0 8	12 46	19 20	19 20	4 48		n.a.
T 26	20 6	25 57	2 25	25 19	1 50	21 57	0 28	5 45	0 55	9 34	1 12	5 46	2 36	11 45	0 46	3 42	2 2	0 8	12 46	19 20	19 19	4 51		n.a.
W27	20 19	27 1	3 23	25 19	1 46	22 12	0 30	6 2	0 54	9 33	1 11	5 45	2 36	11 45	0 46	3 41	2 2	0 9	12 46	19 20	19 18	4 54		n.a.
T 28	20 31	26 41	4 12	25 18	1 40	22 26	0 33	6 19	0 54	9 31	1 11	5 44	2 36	11 44	0 46	3 41	2 2	0 9	12 46	19 20	19 17	4 57		n.a.
F 29	20 43	24 53	4 49	25 15	1 34	22 40	0 35	6 35	0 53	9 29	1 11	5 43	2 36	11 44	0 46	3 41	2 2	0 9	12 46	19 20	19 16	5 1		n.a.
S 30	20 55	21 41	5 11	25 10	1 27	22 54	0 37	6 52	0 53	9 28	1 11	5 42	2 35	11 44	0 47	3 40	2 2	0 10	12 46	19 20	19 16	5 4		n.a.
S 31	21n 6	17n16	5n17	25n 4	1n20	23n 6	0n39	7n 9	0s52	9s26	1n10	5s41	2n35	11s44	0s47	3s40	2n 2	0n10	12s46	19n20	19n15	5n 7		n.a.

Julian Day Number = 1596262.5, Delta T = 04h02m01s
Ecliptic obliquity = 23°44'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'12, Lahiri = - 8°41'12 Julian Calendar 1 May 343 BCE == Greg. Calendar 26 Apr. 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

JUNE 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 17 37	4♊21'09	11♍52	29♊47	12♊51	20♈48	26°R55	20°R24	1♓42	13°R51	1♉32	25♉18	24♉55	19♈58	n.a.	M 1
T 2	16 21 34	5°18'15	26° 4	0♋58	14° 4	21°30	26♎50	20♎21	1°42	13♎50	1°34	25°18	24°52	20° 5	n.a.	T 2
W 3	16 25 30	6°15'20	10♎31	2° 7	15°18	22°12	26°45	20°19	1°43	13°49	1°35	25°19	24°49	20°11	n.a.	W 3
T 4	16 29 27	7°12'25	25°10	3°12	16°32	22°54	26°41	20°17	1°43	13°48	1°36	25°20	24°46	20°18	n.a.	T 4
F 5	16 33 23	8° 9'30	9♏56	4°15	17°45	23°36	26°37	20°14	1°44	13°47	1°37	25°20	24°43	20°25	n.a.	F 5
S 6	16 37 20	9° 6'35	24°42	5°15	18°59	24°18	26°33	20°12	1°44	13°47	1°38	25°R21	24°40	20°31	n.a.	S 6
S 7	16 41 16	10° 3'41	9♐22	6°11	20°13	24°59	26°29	20°10	1°44	13°46	1°39	25°20	24°36	20°38	n.a.	S 7
M 8	16 45 13	11° 0'46	23°48	7° 4	21°26	25°41	26°26	20° 8	1°44	13°45	1°40	25°19	24°33	20°45	n.a.	M 8
T 9	16 49 9	11°57'52	7♑56	7°54	22°40	26°23	26°22	20° 6	1°45	13°45	1°41	25°18	24°30	20°51	n.a.	T 9
W10	16 53 6	12°54'59	21°41	8°40	23°54	27° 4	26°19	20° 4	1°45	13°44	1°42	25°15	24°27	20°58	n.a.	W10
T 11	16 57 3	13°52'06	5♒ 3	9°23	25° 7	27°46	26°16	20° 3	1°45	13°43	1°44	25°13	24°24	21° 5	n.a.	T 11
F 12	17 0 59	14°49'13	18° 0	10° 2	26°21	28°27	26°13	20° 1	1°R45	13°43	1°45	25°11	24°20	21°11	n.a.	F 12
S 13	17 4 56	15°46'21	0♓36	10°37	27°35	29° 9	26°10	19°59	1°45	13°42	1°46	25° 9	24°17	21°18	n.a.	S 13
S 14	17 8 52	16°43'30	12°54	11° 8	28°48	29°50	26° 7	19°58	1°45	13°42	1°47	25°D 8	24°14	21°25	n.a.	S 14
M15	17 12 49	17°40'40	24°57	11°35	0♋ 2	0♉31	26° 5	19°57	1°44	13°41	1°48	25° 8	24°11	21°31	n.a.	M15
T 16	17 16 45	18°37'50	6♈51	11°58	1°16	1°12	26° 2	19°55	1°44	13°41	1°49	25° 9	24° 8	21°38	n.a.	T 16
W17	17 20 42	19°35'01	18°41	12°16	2°30	1°54	26° 0	19°54	1°44	13°40	1°50	25°11	24° 5	21°45	n.a.	W17
T 18	17 24 39	20°32'13	0♉31	12°30	3°43	2°35	25°58	19°53	1°44	13°40	1°51	25°13	24° 1	21°51	n.a.	T 18
F 19	17 28 35	21°29'26	12°25	12°38	4°57	3°15	25°57	19°52	1°43	13°39	1°52	25°14	23°58	21°58	n.a.	F 19
S 20	17 32 32	22°26'40	24°27	12°R42	6°11	3°56	25°55	19°51	1°43	13°39	1°52	25°R15	23°55	22° 5	n.a.	S 20
S 21	17 36 28	23°23'54	6♊40	12°41	7°24	4°37	25°54	19°50	1°43	13°39	1°53	25°14	23°52	22°11	n.a.	S 21
M22	17 40 25	24°21'10	19° 6	12°35	8°38	5°18	25°52	19°49	1°42	13°38	1°54	25°12	23°49	22°18	n.a.	M22
T 23	17 44 21	25°18'26	1♋47	12°24	9°52	5°58	25°51	19°49	1°42	13°38	1°55	25° 9	23°46	22°25	n.a.	T 23
W24	17 48 18	26°15'43	14°42	12° 9	11° 6	6°39	25°51	19°48	1°41	13°38	1°56	25° 4	23°42	22°31	n.a.	W24
T 25	17 52 14	27°13'00	27°52	11°48	12°19	7°19	25°50	19°48	1°40	13°38	1°57	24°59	23°39	22°38	n.a.	T 25
F 26	17 56 11	28°10'19	11♌15	11°23	13°33	8° 0	25°49	19°47	1°40	13°38	1°58	24°54	23°36	22°45	n.a.	F 26
S 27	18 0 8	29° 7'38	24°52	10°53	14°47	8°40	25°49	19°47	1°39	13°37	1°59	24°50	23°33	22°51	n.a.	S 27
S 28	18 4 4	0♋ 4'57	8♍39	10°19	16° 0	9°20	25°D49	19°47	1°38	13°37	1°59	24°47	23°30	22°58	n.a.	S 28
M29	18 8 1	1° 2'17	22°36	9°42	17°14	10° 0	25°49	19°D47	1°38	13°37	2° 0	24°45	23°26	23° 5	n.a.	M29
T 30	18 11 57	1♋59'38	6♎42	9♋ 2	18♋28	10♉41	25♎49	19♎47	1♓37	13♎37	2♉ 1	24°D45	23♉23	23♈11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	21n17	11n52	5n 4	24n57	1n12	23n18	0n41	7n25	0s52	9s25	1n10	5s41	2n35	11s44	0s47	3s40	2n 2	0n10	12s46	19n20	19n14	5n10		n.a.	M 1
T 2	21 27	5 44	4 33	24 48	1 4	23 30	0 44	7 41	0 51	9 23	1 10	5 40	2 35	11 43	0 47	3 39	2 2	0 10	12 47	19 20	19 13	5 13		n.a.	T 2
W 3	21 37	0s48	3 44	24 38	0 55	23 40	0 46	7 58	0 51	9 22	1 10	5 39	2 35	11 43	0 47	3 39	2 2	0 11	12 47	19 20	19 13	5 17		n.a.	W 3
T 4	21 47	7 23	2 39	24 27	0 46	23 50	0 48	8 14	0 50	9 20	1 9	5 38	2 34	11 43	0 47	3 39	2 1	0 11	12 47	19 20	19 12	5 20		n.a.	T 4
F 5	21 56	13 39	1 24	24 16	0 36	24 0	0 50	8 30	0 50	9 19	1 9	5 38	2 34	11 43	0 47	3 39	2 1	0 11	12 47	19 20	19 11	5 23		n.a.	F 5
S 6	22 6	19 7	0 4	24 3	0 25	24 8	0 52	8 46	0 49	9 18	1 9	5 37	2 34	11 43	0 47	3 38	2 1	0 12	12 47	19 20	19 10	5 26		n.a.	S 6
S 7	22 14	23 24	1s17	23 50	0 14	24 16	0 54	9 2	0 49	9 17	1 9	5 37	2 34	11 43	0 47	3 38	2 1	0 12	12 47	19 20	19 9	5 29		n.a.	S 7
M 8	22 22	26 6	2 31	23 35	0 3	24 23	0 56	9 18	0 48	9 16	1 8	5 36	2 33	11 43	0 47	3 38	2 1	0 12	12 47	19 20	19 9	5 33		n.a.	M 8
T 9	22 30	27 4	3 34	23 21	0s 9	24 29	0 58	9 34	0 48	9 15	1 8	5 36	2 33	11 43	0 47	3 38	2 1	0 12	12 47	19 20	19 8	5 36		n.a.	T 9
W10	22 38	26 18	4 23	23 6	0 22	24 35	0 59	9 50	0 47	9 14	1 8	5 35	2 33	11 43	0 47	3 38	2 1	0 13	12 48	19 19	19 7	5 39		n.a.	W10
T 11	22 45	24 1	4 56	22 50	0 34	24 40	1 1	10 5	0 47	9 13	1 7	5 35	2 33	11 43	0 47	3 37	2 1	0 13	12 48	19 18	19 6	5 42		n.a.	T 11
F 12	22 52	20 34	5 13	22 34	0 47	24 44	1 3	10 21	0 46	9 12	1 7	5 34	2 32	11 43	0 47	3 37	2 1	0 13	12 48	19 18	19 5	5 45		n.a.	F 12
S 13	22 58	16 17	5 14	22 18	1 1	24 48	1 5	10 36	0 45	9 11	1 7	5 34	2 32	11 43	0 47	3 37	2 1	0 13	12 48	19 17	19 5	5 49		n.a.	S 13
S 14	23 4	11 25	5 0	22 2	1 14	24 50	1 6	10 51	0 45	9 10	1 7	5 34	2 32	11 43	0 47	3 37	2 1	0 13	12 48	19 17	19 4	5 52		n.a.	S 14
M15	23 10	6 12	4 34	21 46	1 28	24 52	1 8	11 6	0 44	9 10	1 6	5 33	2 32	11 43	0 47	3 37	2 1	0 14	12 48	19 17	19 3	5 55		n.a.	M15
T 16	23 15	0 51	3 56	21 30	1 42	24 54	1 10	11 21	0 44	9 9	1 6	5 33	2 31	11 43	0 47	3 37	2 1	0 14	12 48	19 18	19 2	5 58		n.a.	T 16
W17	23 19	4n31	3 8	21 14	1 57	24 54	1 11	11 36	0 43	9 9	1 6	5 33	2 31	11 43	0 47	3 36	2 1	0 14	12 49	19 18	19 2	6 1		n.a.	W17
T 18	23 24	9 44	2 12	20 58	2 11	24 54	1 13	11 51	0 42	9 8	1 6	5 33	2 31	11 44	0 47	3 36	2 1	0 14	12 49	19 18	19 1	6 5		n.a.	T 18
F 19	23 28	14 39	1 10	20 43	2 25	24 53	1 14	12 6	0 42	9 8	1 5	5 32	2 31	11 44	0 47	3 36	2 1	0 14	12 49	19 19	19 0	6 8		n.a.	F 19
S 20	23 31	19 3	0 4	20 28	2 40	24 51	1 16	12 21	0 41	9 8	1 5	5 32	2 30	11 44	0 47	3 36	2 1	0 14	12 49	19 19	18 59	6 11		n.a.	S 20
S 21	23 34	22 43	1n 2	20 15	2 54	24 49	1 17	12 35	0 41	9 7	1 5	5 32	2 30	11 44	0 47	3 36	2 0	0 15	12 49	19 19	18 58	6 14		n.a.	S 21
M22	23 37	25 24	2 7	20 1	3 8	24 45	1 18	12 49	0 40	9 7	1 4	5 32	2 30	11 44	0 47	3 36	2 0	0 15	12 49	19 18	18 58	6 17		n.a.	M22
T 23	23 39	26 50	3 7	19 49	3 21	24 41	1 20	13 4	0 39	9 7	1 4	5 32	2 30	11 44	0 47	3 36	2 0	0 15	12 50	19 17	18 57	6 21		n.a.	T 23
W24	23 41	26 51	3 58	19 38	3 34	24 36	1 21	13 18	0 39	9 7	1 4	5 32	2 29	11 45	0 47	3 36	2 0	0 15	12 50	19 16	18 56	6 24		n.a.	W24
T 25	23 43	25 23	4 38	19 27	3 46	24 31	1 22	13 32	0 38	9 7	1 4	5 32	2 29	11 45	0 48	3 36	2 0	0 15	12 50	19 15	18 55	6 27		n.a.	T 25
F 26	23 44	22 27	5 3	19 18	3 57	24 25	1 23	13 46	0 37	9 7	1 3	5 32	2 29	11 45	0 48	3 36	2 0	0 15	12 50	19 14	18 54	6 30		n.a.	F 26
S 27	23 44	18 17	5 11	19 10	4 8	24 18	1 24	13 59	0 37	9 7	1 3	5 33	2 29	11 46	0 48	3 36	2 0	0 15	12 50	19 13	18 54	6 33		n.a.	S 27
S 28	23 44	13 5	5 2	19 3	4 17	24 10	1 25	14 13	0 36	9 8	1 3	5 33	2 28	11 46	0 48	3 36	2 0	0 15	12 51	19 12	18 53	6 37		n.a.	S 28
M29	23 44	7 11	4 36	18 58	4 25	24 2	1 26	14 26	0 35	9 8	1 2	5 33	2 28	11 46	0 48	3 36	2 0	0 15	12 51	19 12	18 52	6 40		n.a.	M29
T 30	23n43	0n51	3n52	18n54	4s32	23n53	1n27	14n40	0s35	9s 8	1n 2	5s33	2n28	11s47	0s48	3s36	2n 0	0n15	12s51	19n12	18n51	6n43		n.a.	T 30

Julian Day Number = 1596293.5, Delta T = 04h01m59s
Ecliptic obliquity = 23°44'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'08, Lahiri = - 8°41'07 Julian Calendar 1 June 343 BCE == Greg. Calendar 27 May 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

JULY 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 15 54	2♋57'00	20♎56	8°R19	19♋42	11♉20	25♎50	19♎47	1°R36	13°D37	2♉ 2	24♉46	23♉20	23♈18	n.a.	W 1
T 2	18 19 50	3°54'22	5♏14	7♋34	20°55	12° 0	25°51	19°47	1♓35	13♎37	2° 2	24°47	23°17	23°25	n.a.	T 2
F 3	18 23 47	4°51'45	19°35	6°48	22° 9	12°40	25°51	19°48	1°34	13°37	2° 3	24°R48	23°14	23°31	n.a.	F 3
S 4	18 27 43	5°49'09	3♐56	6° 2	23°23	13°20	25°52	19°48	1°33	13°37	2° 4	24°48	23°11	23°38	n.a.	S 4
S 5	18 31 40	6°46'34	18°12	5°17	24°36	14° 0	25°54	19°48	1°32	13°38	2° 5	24°46	23° 7	23°45	n.a.	S 5
M 6	18 35 37	7°44'00	2♑19	4°33	25°50	14°39	25°55	19°49	1°31	13°38	2° 5	24°42	23° 4	23°51	n.a.	M 6
T 7	18 39 33	8°41'27	16°13	3°51	27° 4	15°19	25°56	19°50	1°30	13°38	2° 6	24°36	23° 1	23°58	n.a.	T 7
W 8	18 43 30	9°38'56	29°49	3°12	28°17	15°58	25°58	19°51	1°28	13°38	2° 7	24°29	22°58	24° 5	n.a.	W 8
T 9	18 47 26	10°36'26	13♒ 5	2°38	29°31	16°37	26° 0	19°51	1°27	13°38	2° 7	24°21	22°55	24°11	n.a.	T 9
F 10	18 51 23	11°33'57	26° 0	2° 8	0♌45	17°16	26° 2	19°52	1°26	13°39	2° 8	24°14	22°52	24°18	n.a.	F 10
S 11	18 55 19	12°31'29	8♓36	1°43	1°58	17°56	26° 4	19°53	1°25	13°39	2° 8	24° 8	22°48	24°25	n.a.	S 11
S 12	18 59 16	13°29'03	20°54	1°24	3°12	18°35	26° 7	19°55	1°23	13°39	2° 9	24° 3	22°45	24°31	n.a.	S 12
M13	19 3 12	14°26'39	2♈57	1°12	4°26	19°14	26°10	19°56	1°22	13°40	2° 9	24° 1	22°42	24°38	n.a.	M13
T 14	19 7 9	15°24'16	14°52	1°D 6	5°39	19°52	26°12	19°57	1°20	13°40	2°10	24°D 0	22°39	24°45	n.a.	T 14
W15	19 11 6	16°21'55	26°41	1° 7	6°53	20°31	26°15	19°59	1°19	13°41	2°10	24° 0	22°36	24°51	n.a.	W15
T 16	19 15 2	17°19'36	8♉32	1°16	8° 7	21°10	26°18	20° 0	1°17	13°41	2°11	24° 1	22°32	24°58	n.a.	T 16
F 17	19 18 59	18°17'18	20°28	1°31	9°20	21°49	26°22	20° 2	1°16	13°42	2°11	24°R 2	22°29	25° 5	n.a.	F 17
S 18	19 22 55	19°15'02	2♊35	1°54	10°34	22°27	26°25	20° 4	1°14	13°42	2°12	24° 2	22°26	25°11	n.a.	S 18
S 19	19 26 52	20°12'48	14°56	2°25	11°48	23° 6	26°29	20° 5	1°13	13°43	2°12	24° 0	22°23	25°18	n.a.	S 19
M20	19 30 48	21°10'36	27°35	3° 3	13° 1	23°44	26°33	20° 7	1°11	13°43	2°13	23°55	22°20	25°25	n.a.	M20
T 21	19 34 45	22° 8'25	10♋33	3°48	14°15	24°22	26°37	20° 9	1° 9	13°44	2°13	23°48	22°17	25°31	n.a.	T 21
W22	19 38 42	23° 6'16	23°51	4°40	15°29	25° 0	26°41	20°12	1° 8	13°45	2°13	23°40	22°13	25°38	n.a.	W22
T 23	19 42 38	24° 4'09	7♌25	5°39	16°42	25°38	26°45	20°14	1° 6	13°45	2°14	23°30	22°10	25°45	n.a.	T 23
F 24	19 46 35	25° 2'03	21°15	6°45	17°56	26°16	26°50	20°16	1° 4	13°46	2°14	23°20	22° 7	25°51	n.a.	F 24
S 25	19 50 31	25°59'58	5♍15	7°57	19° 9	26°54	26°54	20°18	1° 2	13°47	2°14	23°11	22° 4	25°58	n.a.	S 25
S 26	19 54 28	26°57'55	19°22	9°15	20°23	27°32	26°59	20°21	1° 0	13°48	2°14	23° 4	22° 1	26° 5	n.a.	S 26
M27	19 58 24	27°55'53	3♎33	10°38	21°37	28° 9	27° 4	20°23	0°59	13°48	2°15	22°59	21°58	26°11	n.a.	M27
T 28	20 2 21	28°53'53	17°43	12° 7	22°50	28°47	27° 9	20°26	0°57	13°49	2°15	22°57	21°54	26°18	n.a.	T 28
W29	20 6 17	29°51'54	1♏52	13°40	24° 4	29°24	27°15	20°29	0°55	13°50	2°15	22°D56	21°51	26°25	n.a.	W29
T 30	20 10 14	0♌49'57	15°58	15°17	25°17	0♊ 2	27°20	20°32	0°53	13°51	2°15	22°R57	21°48	26°31	n.a.	T 30
F 31	20 14 10	1♌48'01	29♏59	16♋59	26♌31	0♊39	27♎26	20♎35	0♓51	13♎52	2♉15	22♉57	21♉45	26♈38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n42	5s35	2n54	18n52	4s37	23n43	1n27	14n53	0s34	9s 9	1n 2	5s33	2n28	11s47	0s48	3s36	2n 0	0n15	12s51	19n12	18n50	6n46			n.a.
T 2	23 41	11 47	1 44	18 51	4 41	23 32	1 28	15 6	0 33	9 9	1 2	5 34	2 27	11 47	0 48	3 36	2 0	0 16	12 51	19 12	18 50	6 49			n.a.
F 3	23 39	17 24	0 28	18 51	4 43	23 21	1 29	15 19	0 33	9 10	1 1	5 34	2 27	11 48	0 48	3 36	2 0	0 16	12 52	19 12	18 49	6 52			n.a.
S 4	23 36	22 0	0s49	18 53	4 43	23 9	1 29	15 32	0 32	9 10	1 1	5 35	2 27	11 48	0 48	3 36	2 0	0 16	12 52	19 12	18 48	6 56			n.a.
S 5	23 34	25 15	2 3	18 57	4 41	22 56	1 30	15 44	0 31	9 11	1 1	5 35	2 26	11 48	0 48	3 37	2 0	0 16	12 52	19 12	18 47	6 59			n.a.
M 6	23 31	26 52	3 9	19 2	4 38	22 43	1 30	15 57	0 31	9 12	1 0	5 36	2 26	11 49	0 48	3 37	2 0	0 16	12 52	19 11	18 46	7 2			n.a.
T 7	23 27	26 45	4 2	19 8	4 33	22 29	1 30	16 9	0 30	9 13	1 0	5 36	2 26	11 49	0 48	3 37	1 59	0 16	12 52	19 9	18 45	7 5			n.a.
W 8	23 23	25 0	4 40	19 16	4 26	22 14	1 31	16 21	0 29	9 14	1 0	5 37	2 26	11 50	0 48	3 37	1 59	0 16	12 53	19 8	18 45	7 8			n.a.
T 9	23 18	21 55	5 2	19 26	4 17	21 59	1 31	16 33	0 29	9 14	1 0	5 37	2 25	11 50	0 48	3 37	1 59	0 16	12 53	19 6	18 44	7 12			n.a.
F 10	23 14	17 49	5 8	19 36	4 7	21 43	1 31	16 45	0 28	9 15	0 59	5 38	2 25	11 51	0 48	3 37	1 59	0 16	12 53	19 4	18 43	7 15			n.a.
S 11	23 8	13 3	4 58	19 48	3 56	21 27	1 31	16 57	0 27	9 17	0 59	5 38	2 25	11 51	0 48	3 37	1 59	0 16	12 53	19 2	18 42	7 18			n.a.
S 12	23 3	7 51	4 35	20 1	3 43	21 10	1 31	17 9	0 26	9 18	0 59	5 39	2 25	11 52	0 48	3 38	1 59	0 16	12 54	19 1	18 41	7 21			n.a.
M13	22 57	2 28	4 0	20 15	3 29	20 52	1 31	17 20	0 26	9 19	0 58	5 40	2 24	11 52	0 48	3 38	1 59	0 16	12 54	19 1	18 41	7 24			n.a.
T 14	22 50	2n56	3 15	20 29	3 15	20 34	1 31	17 32	0 25	9 20	0 58	5 41	2 24	11 53	0 48	3 38	1 59	0 16	12 54	19 0	18 40	7 27			n.a.
W15	22 43	8 13	2 22	20 44	3 0	20 15	1 31	17 43	0 24	9 22	0 58	5 41	2 24	11 53	0 48	3 38	1 59	0 16	12 54	19 0	18 39	7 31			n.a.
T 16	22 36	13 13	1 22	21 0	2 44	19 55	1 31	17 54	0 23	9 23	0 58	5 42	2 23	11 54	0 48	3 39	1 59	0 15	12 54	19 1	18 38	7 34			n.a.
F 17	22 28	17 47	0 19	21 16	2 27	19 35	1 30	18 5	0 23	9 24	0 57	5 43	2 23	11 55	0 48	3 39	1 59	0 15	12 55	19 1	18 37	7 37			n.a.
S 18	22 20	21 41	0n46	21 33	2 11	19 15	1 30	18 16	0 22	9 26	0 57	5 44	2 23	11 55	0 48	3 39	1 59	0 15	12 55	19 1	18 36	7 40			n.a.
S 19	22 12	24 42	1 50	21 49	1 54	18 54	1 29	18 26	0 21	9 28	0 57	5 45	2 23	11 56	0 48	3 39	1 59	0 15	12 55	19 0	18 36	7 43			n.a.
M20	22 3	26 33	2 50	22 5	1 38	18 32	1 29	18 37	0 20	9 29	0 57	5 46	2 22	11 56	0 48	3 40	1 59	0 15	12 55	18 59	18 35	7 47			n.a.
T 21	21 54	27 0	3 42	22 20	1 21	18 10	1 28	18 47	0 19	9 31	0 56	5 47	2 22	11 57	0 48	3 40	1 59	0 15	12 56	18 57	18 34	7 50			n.a.
W22	21 44	25 56	4 24	22 34	1 5	17 47	1 28	18 57	0 19	9 33	0 56	5 48	2 22	11 58	0 48	3 40	1 58	0 15	12 56	18 55	18 33	7 53			n.a.
T 23	21 34	23 20	4 52	22 48	0 49	17 24	1 27	19 7	0 18	9 35	0 56	5 49	2 22	11 58	0 48	3 41	1 58	0 15	12 56	18 53	18 32	7 56			n.a.
F 24	21 24	19 22	5 3	23 0	0 34	17 1	1 26	19 17	0 17	9 36	0 56	5 50	2 21	11 59	0 48	3 41	1 58	0 15	12 56	18 50	18 32	7 59			n.a.
S 25	21 13	14 18	4 57	23 11	0 19	16 37	1 25	19 27	0 16	9 38	0 55	5 51	2 21	12 0	0 48	3 41	1 58	0 15	12 57	18 48	18 31	8 2			n.a.
S 26	21 2	8 26	4 33	23 20	0 4	16 12	1 24	19 36	0 15	9 40	0 55	5 52	2 21	12 0	0 48	3 42	1 58	0 14	12 57	18 46	18 30	8 6			n.a.
M27	20 50	2 6	3 51	23 28	0n 9	15 47	1 23	19 46	0 15	9 42	0 55	5 54	2 21	12 1	0 49	3 42	1 58	0 14	12 57	18 45	18 29	8 9			n.a.
T 28	20 38	4s20	2 56	23 33	0 22	15 22	1 22	19 55	0 14	9 45	0 54	5 55	2 20	12 2	0 49	3 43	1 58	0 14	12 57	18 44	18 28	8 12			n.a.
W29	20 26	10 33	1 50	23 35	0 34	14 56	1 21	20 4	0 13	9 47	0 54	5 56	2 20	12 2	0 49	3 43	1 58	0 14	12 58	18 44	18 27	8 15			n.a.
T 30	20 13	16 14	0 37	23 36	0 45	14 30	1 20	20 13	0 12	9 49	0 54	5 58	2 20	12 3	0 49	3 43	1 58	0 14	12 58	18 44	18 27	8 18			n.a.
F 31	20n 0	21s 1	0s37	23n34	0n55	14n 3	1n18	20n22	0s11	9s51	0n54	5s59	2n20	12s 4	0s49	3s44	1n58	0n14	12s58	18n44	18n26	8n21			n.a.

Julian Day Number = 1596323.5, Delta T = 04h01m58s
Ecliptic obliquity = 23°44'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'04, Lahiri = - 8°41'03 Julian Calendar 1 July 343 BCE == Greg. Calendar 26 June 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

AUGUST 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 18 7	2♌46'07	13♐56	18♋43	27♌44	1♊16	27♎32	20♎38	0°R49	13♎53	2♉16	22°R55	21♉42	26♈45	n.a.	S 1
S 2	20 22 4	3°44'14	27°47	20°31	28°58	1°53	27°38	20°41	0♓47	13°54	2°16	22♉51	21°38	26°51	n.a.	S 2
M 3	20 26 0	4°42'23	11♑29	22°20	0♍11	2°30	27°44	20°44	0°45	13°55	2°16	22°44	21°35	26°58	n.a.	M 3
T 4	20 29 57	5°40'34	25° 0	24°12	1°25	3° 7	27°50	20°47	0°42	13°56	2°16	22°35	21°32	27° 5	n.a.	T 4
W 5	20 33 53	6°38'47	8♒18	26° 5	2°38	3°43	27°56	20°50	0°40	13°57	2°16	22°24	21°29	27°11	n.a.	W 5
T 6	20 37 50	7°37'01	21°21	27°59	3°52	4°20	28° 3	20°54	0°38	13°58	2°16	22°11	21°26	27°18	n.a.	T 6
F 7	20 41 46	8°35'17	4♓ 7	29°54	5° 5	4°57	28° 9	20°57	0°36	13°59	2°R16	21°59	21°23	27°24	n.a.	F 7
S 8	20 45 43	9°33'36	16°36	1♌49	6°18	5°33	28°16	21° 1	0°34	14° 1	2°16	21°48	21°19	27°31	n.a.	S 8
S 9	20 49 39	10°31'56	28°51	3°44	7°32	6° 9	28°23	21° 4	0°32	14° 2	2°16	21°40	21°16	27°38	n.a.	S 9
M10	20 53 36	11°30'19	10♈52	5°40	8°45	6°45	28°30	21° 8	0°29	14° 3	2°16	21°34	21°13	27°44	n.a.	M10
T 11	20 57 33	12°28'43	22°45	7°35	9°59	7°21	28°38	21°12	0°27	14° 4	2°16	21°30	21°10	27°51	n.a.	T 11
W12	21 1 29	13°27'10	4♉34	9°30	11°12	7°57	28°45	21°16	0°25	14° 6	2°16	21°29	21° 7	27°58	n.a.	W12
T 13	21 5 26	14°25'40	16°23	11°24	12°25	8°33	28°52	21°20	0°22	14° 7	2°16	21°29	21° 4	28° 4	n.a.	T 13
F 14	21 9 22	15°24'11	28°19	13°18	13°39	9° 9	29° 0	21°24	0°20	14° 8	2°16	21°29	21° 0	28°11	n.a.	F 14
S 15	21 13 19	16°22'45	10♊27	15°10	14°52	9°44	29° 8	21°28	0°18	14°10	2°15	21°28	20°57	28°18	n.a.	S 15
S 16	21 17 15	17°21'22	22°52	17° 2	16° 5	10°20	29°16	21°32	0°16	14°11	2°15	21°25	20°54	28°24	n.a.	S 16
M17	21 21 12	18°20'00	5♋38	18°53	17°18	10°55	29°24	21°37	0°13	14°13	2°15	21°19	20°51	28°31	n.a.	M17
T 18	21 25 8	19°18'41	18°47	20°44	18°32	11°30	29°32	21°41	0°11	14°14	2°15	21°11	20°48	28°38	n.a.	T 18
W19	21 29 5	20°17'24	2♌21	22°33	19°45	12° 5	29°40	21°45	0° 8	14°16	2°15	21° 0	20°44	28°44	n.a.	W19
T 20	21 33 2	21°16'09	16°17	24°21	20°58	12°40	29°49	21°50	0° 6	14°17	2°14	20°48	20°41	28°51	n.a.	T 20
F 21	21 36 58	22°14'56	0♍32	26° 8	22°11	13°15	29°57	21°54	0° 4	14°19	2°14	20°36	20°38	28°58	n.a.	F 21
S 22	21 40 55	23°13'46	14°59	27°55	23°25	13°50	0♏ 6	21°59	0° 1	14°20	2°14	20°25	20°35	29° 4	n.a.	S 22
S 23	21 44 51	24°12'37	29°32	29°40	24°38	14°24	0°15	22° 4	29♒59	14°22	2°13	20°16	20°32	29°11	n.a.	S 23
M24	21 48 48	25°11'30	14♎ 4	1♍24	25°51	14°59	0°24	22° 8	29°56	14°23	2°13	20°10	20°29	29°18	n.a.	M24
T 25	21 52 44	26°10'25	28°30	3° 8	27° 4	15°33	0°33	22°13	29°54	14°25	2°13	20° 7	20°25	29°24	n.a.	T 25
W26	21 56 41	27° 9'22	12♏47	4°50	28°17	16° 7	0°42	22°18	29°52	14°27	2°12	20° 6	20°22	29°31	n.a.	W26
T 27	22 0 37	28° 8'21	26°52	6°31	29°30	16°41	0°51	22°23	29°49	14°28	2°12	20° 6	20°19	29°38	n.a.	T 27
F 28	22 4 34	29° 7'21	10♐45	8°12	0♎43	17°15	1° 1	22°28	29°47	14°30	2°12	20° 6	20°16	29°44	n.a.	F 28
S 29	22 8 31	0♍ 6'24	24°26	9°52	1°56	17°48	1°10	22°33	29°44	14°32	2°11	20° 4	20°13	29°51	n.a.	S 29
S 30	22 12 27	1° 5'28	7♑57	11°30	3° 9	18°22	1°20	22°38	29°42	14°33	2°11	19°59	20°10	29°58	n.a.	S 30
M31	22 16 24	2♍ 4'35	21♑16	13♍ 8	4♎22	18♊55	1♏29	22♎44	29♒40	14♎35	2♉10	19♉52	20♉ 6	0♉ 4	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n47	24s34	1s49	23n29	1n 5	13n37	1n17	20n30	0s10	9s54	0n53	6s 0	2n19	12s 5	0s49	3s44	1n58	0n14	12s58	18n44	18n25	8n25		n.a.
S 2	19 33	26 37	2 54	23 21	1 13	13 9	1 15	20 39	0 9	9 56	0 53	6 2	2 19	12 5	0 49	3 45	1 58	0 13	12 58	18 43	18 24	8 28		n.a.
M 3	19 20	27 1	3 47	23 11	1 20	12 42	1 14	20 47	0 9	9 58	0 53	6 3	2 19	12 6	0 49	3 45	1 58	0 13	12 59	18 41	18 23	8 31		n.a.
T 4	19 5	25 47	4 27	22 58	1 27	12 14	1 12	20 55	0 8	10 1	0 53	6 4	2 19	12 7	0 49	3 46	1 58	0 13	12 59	18 39	18 22	8 34		n.a.
W 5	18 51	23 6	4 52	22 43	1 32	11 46	1 11	21 3	0 7	10 3	0 52	6 6	2 18	12 8	0 49	3 46	1 58	0 13	12 59	18 36	18 22	8 37		n.a.
T 6	18 36	19 18	5 1	22 25	1 37	11 17	1 9	21 11	0 6	10 6	0 52	6 7	2 18	12 9	0 49	3 47	1 58	0 13	12 59	18 33	18 21	8 40		n.a.
F 7	18 20	14 41	4 54	22 4	1 41	10 48	1 7	21 18	0 5	10 9	0 52	6 9	2 18	12 9	0 49	3 47	1 57	0 12	13 0	18 29	18 20	8 44		n.a.
S 8	18 5	9 33	4 34	21 41	1 44	10 19	1 5	21 26	0 4	10 11	0 52	6 11	2 18	12 10	0 49	3 48	1 57	0 12	13 0	18 27	18 19	8 47		n.a.
S 9	17 49	4 8	4 1	21 17	1 46	9 50	1 3	21 33	0 3	10 14	0 51	6 12	2 17	12 11	0 49	3 48	1 57	0 12	13 0	18 24	18 18	8 50		n.a.
M10	17 33	1n20	3 17	20 50	1 48	9 20	1 1	21 40	0 2	10 17	0 51	6 14	2 17	12 12	0 49	3 49	1 57	0 12	13 0	18 23	18 17	8 53		n.a.
T 11	17 16	6 42	2 26	20 21	1 48	8 50	0 59	21 47	0 1	10 20	0 51	6 15	2 17	12 13	0 49	3 49	1 57	0 11	13 1	18 22	18 16	8 56		n.a.
W12	17 0	11 49	1 28	19 50	1 48	8 20	0 57	21 54	0 0	10 22	0 51	6 17	2 17	12 13	0 49	3 50	1 57	0 11	13 1	18 22	18 16	8 59		n.a.
T 13	16 42	16 31	0 27	19 18	1 48	7 50	0 55	22 1	0n 1	10 25	0 51	6 19	2 16	12 14	0 49	3 50	1 57	0 11	13 1	18 21	18 15	9 3		n.a.
F 14	16 25	20 37	0n36	18 44	1 47	7 19	0 53	22 7	0 2	10 28	0 50	6 21	2 16	12 15	0 49	3 51	1 57	0 11	13 1	18 21	18 14	9 6		n.a.
S 15	16 7	23 55	1 39	18 9	1 45	6 49	0 51	22 14	0 2	10 31	0 50	6 22	2 16	12 16	0 49	3 51	1 57	0 10	13 2	18 21	18 13	9 9		n.a.
S 16	15 50	26 10	2 38	17 33	1 43	6 18	0 48	22 20	0 3	10 34	0 50	6 24	2 16	12 17	0 49	3 52	1 57	0 10	13 2	18 20	18 12	9 12		n.a.
M17	15 31	27 8	3 31	16 56	1 40	5 47	0 46	22 26	0 4	10 37	0 50	6 26	2 16	12 18	0 49	3 53	1 57	0 10	13 2	18 19	18 11	9 15		n.a.
T 18	15 13	26 36	4 14	16 18	1 37	5 16	0 44	22 32	0 5	10 41	0 49	6 28	2 15	12 18	0 49	3 53	1 57	0 9	13 2	18 17	18 11	9 18		n.a.
W19	14 54	24 30	4 45	15 38	1 33	4 44	0 41	22 38	0 6	10 44	0 49	6 30	2 15	12 19	0 49	3 54	1 57	0 9	13 3	18 14	18 10	9 21		n.a.
T 20	14 35	20 54	4 59	14 58	1 30	4 13	0 39	22 43	0 7	10 47	0 49	6 32	2 15	12 20	0 49	3 55	1 57	0 9	13 3	18 11	18 9	9 25		n.a.
F 21	14 16	16 1	4 56	14 18	1 25	3 41	0 36	22 49	0 8	10 50	0 49	6 33	2 15	12 21	0 49	3 55	1 57	0 9	13 3	18 8	18 8	9 28		n.a.
S 22	13 57	10 11	4 34	13 36	1 21	3 9	0 33	22 54	0 9	10 53	0 49	6 35	2 15	12 22	0 49	3 56	1 57	0 8	13 3	18 5	18 7	9 31		n.a.
S 23	13 37	3 45	3 53	12 55	1 16	2 38	0 31	22 59	0 10	10 57	0 48	6 37	2 14	12 23	0 49	3 57	1 57	0 8	13 3	18 2	18 6	9 34		n.a.
M24	13 17	2s53	2 58	12 12	1 11	2 6	0 28	23 4	0 11	11 0	0 48	6 39	2 14	12 24	0 49	3 57	1 57	0 8	13 4	18 1	18 5	9 37		n.a.
T 25	12 57	9 20	1 52	11 30	1 5	1 34	0 25	23 9	0 13	11 4	0 48	6 41	2 14	12 25	0 49	3 58	1 56	0 7	13 4	18 0	18 5	9 40		n.a.
W26	12 37	15 15	0 39	10 47	1 0	1 2	0 22	23 14	0 14	11 7	0 48	6 43	2 14	12 25	0 49	3 59	1 56	0 7	13 4	17 59	18 4	9 43		n.a.
T 27	12 16	20 17	0s36	10 3	0 54	0 30	0 20	23 18	0 15	11 10	0 47	6 45	2 13	12 26	0 49	3 59	1 56	0 7	13 4	17 59	18 3	9 47		n.a.
F 28	11 55	24 6	1 47	9 20	0 48	0s 2	0 17	23 23	0 16	11 14	0 47	6 47	2 13	12 27	0 49	4 0	1 56	0 6	13 5	17 59	18 2	9 50		n.a.
S 29	11 34	26 28	2 51	8 36	0 41	0 34	0 14	23 27	0 17	11 17	0 47	6 50	2 13	12 28	0 49	4 1	1 56	0 6	13 5	17 59	18 1	9 53		n.a.
S 30	11 13	27 14	3 44	7 52	0 35	1 6	0 11	23 31	0 18	11 21	0 47	6 52	2 13	12 29	0 49	4 1	1 56	0 6	13 5	17 58	18 0	9 56		n.a.
M31	10n52	26s23	4s25	7n 9	0n29	1s38	0n 8	23n35	0n19	11s25	0n47	6s54	2n13	12s30	0s49	4s 2	1n56	0n 5	13s 5	17n56	17n59	9n59		n.a.

Julian Day Number = 1596354.5, Delta T = 04h01m57s
Ecliptic obliquity = 23°44'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°48'00, Lahiri = - 8°40'59 Julian Calendar 1 Aug. 343 BCE == Greg. Calendar 27 July 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

SEPTEMBER 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 20 20	3♍ 3'43	4♒24	14♍45	5♎35	19♊28	1♏39	22♎49	29°R37	14♎37	2°R10	19°R42	20♉ 3	0♉11	n.a.	T 1
W 2	22 24 17	4° 2'53	17°20	16°21	6°48	20° 1	1°49	22°54	29♒35	14°39	2♉ 9	19♉31	20° 0	0°18	n.a.	W 2
T 3	22 28 13	5° 2'05	0♓ 4	17°57	8° 1	20°34	1°59	23° 0	29°32	14°41	2° 9	19°18	19°57	0°24	n.a.	T 3
F 4	22 32 10	6° 1'20	12°36	19°31	9°14	21° 7	2° 9	23° 5	29°30	14°42	2° 8	19° 5	19°54	0°31	n.a.	F 4
S 5	22 36 6	7° 0'36	24°54	21° 5	10°27	21°39	2°19	23°11	29°28	14°44	2° 7	18°53	19°50	0°38	n.a.	S 5
S 6	22 40 3	7°59'55	7♈ 1	22°38	11°40	22°12	2°30	23°16	29°25	14°46	2° 7	18°44	19°47	0°44	n.a.	S 6
M 7	22 43 59	8°59'16	18°59	24°10	12°53	22°44	2°40	23°22	29°23	14°48	2° 6	18°38	19°44	0°51	n.a.	M 7
T 8	22 47 56	9°58'39	0♉49	25°41	14° 5	23°16	2°51	23°28	29°20	14°50	2° 6	18°34	19°41	0°57	n.a.	T 8
W 9	22 51 53	10°58'05	12°35	27°12	15°18	23°48	3° 1	23°33	29°18	14°52	2° 5	18°32	19°38	1° 4	n.a.	W 9
T 10	22 55 49	11°57'33	24°23	28°42	16°31	24°20	3°12	23°39	29°16	14°54	2° 4	18°D32	19°35	1°11	n.a.	T 10
F 11	22 59 46	12°57'04	6♊18	0♎11	17°44	24°51	3°23	23°45	29°13	14°56	2° 4	18°33	19°31	1°17	n.a.	F 11
S 12	23 3 42	13°56'37	18°24	1°39	18°56	25°23	3°34	23°51	29°11	14°58	2° 3	18°R33	19°28	1°24	n.a.	S 12
S 13	23 7 39	14°56'13	0♋47	3° 7	20° 9	25°54	3°45	23°57	29° 9	15° 0	2° 2	18°31	19°25	1°31	n.a.	S 13
M14	23 11 35	15°55'51	13°32	4°34	21°21	26°25	3°56	24° 3	29° 6	15° 2	2° 1	18°28	19°22	1°37	n.a.	M14
T 15	23 15 32	16°55'31	26°43	6° 0	22°34	26°55	4° 7	24° 9	29° 4	15° 4	2° 1	18°22	19°19	1°44	n.a.	T 15
W16	23 19 28	17°55'14	10♌22	7°25	23°47	27°26	4°18	24°15	29° 2	15° 6	2° 0	18°14	19°15	1°51	n.a.	W16
T 17	23 23 25	18°54'58	24°28	8°49	24°59	27°56	4°29	24°21	29° 0	15° 8	1°59	18° 5	19°12	1°57	n.a.	T 17
F 18	23 27 22	19°54'46	8♍58	10°12	26°12	28°27	4°41	24°27	28°57	15°10	1°58	17°55	19° 9	2° 4	n.a.	F 18
S 19	23 31 18	20°54'35	23°46	11°35	27°24	28°57	4°52	24°33	28°55	15°12	1°58	17°46	19° 6	2°11	n.a.	S 19
S 20	23 35 15	21°54'26	8♎42	12°56	28°36	29°26	5° 4	24°40	28°53	15°14	1°57	17°39	19° 3	2°17	n.a.	S 20
M21	23 39 11	22°54'19	23°39	14°17	29°49	29°56	5°16	24°46	28°51	15°16	1°56	17°35	19° 0	2°24	n.a.	M21
T 22	23 43 8	23°54'14	8♏28	15°36	1♏ 1	0♋25	5°27	24°52	28°49	15°18	1°55	17°32	18°56	2°31	n.a.	T 22
W23	23 47 4	24°54'11	23° 2	16°54	2°13	0°54	5°39	24°59	28°47	15°21	1°54	17°D32	18°53	2°37	n.a.	W23
T 24	23 51 1	25°54'10	7♐19	18°11	3°26	1°23	5°51	25° 5	28°45	15°23	1°53	17°33	18°50	2°44	n.a.	T 24
F 25	23 54 57	26°54'11	21°16	19°27	4°38	1°52	6° 3	25°11	28°43	15°25	1°52	17°R34	18°47	2°51	n.a.	F 25
S 26	23 58 54	27°54'13	4♑55	20°41	5°50	2°20	6°15	25°18	28°40	15°27	1°52	17°34	18°44	2°57	n.a.	S 26
S 27	0 2 51	28°54'17	18°15	21°53	7° 2	2°48	6°27	25°24	28°38	15°29	1°51	17°32	18°41	3° 4	n.a.	S 27
M28	0 6 47	29°54'23	1♒19	23° 3	8°14	3°16	6°39	25°31	28°37	15°31	1°50	17°28	18°37	3°11	n.a.	M28
T 29	0 10 44	0♎54'31	14° 9	24°12	9°26	3°43	6°51	25°38	28°35	15°34	1°49	17°22	18°34	3°17	n.a.	T 29
W30	0 14 40	1♎54'40	26♒47	25♎18	10♏38	4♋11	7♏ 4	25♎44	28♒33	15♎36	1♉48	17♉14	18♉31	3♉24	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n30	24s 6	4s50	6n25	0n22	2s10	0n 5	23n39	0n20	11s28	0n46	6s56	2n13	12s31	0s49	4s 3	1n56	0n 5	13s 5	17n53	17n59	10n 2		n.a.
W 2	10 9	20 36	5 1	5 41	0 15	2 42	0 2	23 43	0 21	11 32	0 46	6 58	2 12	12 31	0 49	4 4	1 56	0 4	13 6	17 50	17 58	10 5		n.a.
T 3	9 47	16 11	4 56	4 57	0 8	3 14	0s 1	23 46	0 22	11 36	0 46	7 0	2 12	12 32	0 49	4 4	1 56	0 4	13 6	17 46	17 57	10 8		n.a.
F 4	9 25	11 10	4 36	4 13	0 1	3 46	0 4	23 50	0 23	11 39	0 46	7 3	2 12	12 33	0 49	4 5	1 56	0 4	13 6	17 43	17 56	10 12		n.a.
S 5	9 3	5 47	4 4	3 30	0s 6	4 18	0 7	23 53	0 25	11 43	0 46	7 5	2 12	12 34	0 49	4 6	1 56	0 3	13 6	17 39	17 55	10 15		n.a.
S 6	8 40	0 16	3 22	2 46	0 13	4 50	0 11	23 56	0 26	11 47	0 46	7 7	2 12	12 35	0 49	4 7	1 56	0 3	13 6	17 37	17 54	10 18		n.a.
M 7	8 18	5n12	2 30	2 3	0 20	5 21	0 14	23 59	0 27	11 51	0 45	7 9	2 11	12 36	0 49	4 7	1 56	0 3	13 7	17 35	17 53	10 21		n.a.
T 8	7 55	10 27	1 33	1 19	0 27	5 53	0 17	24 2	0 28	11 54	0 45	7 11	2 11	12 36	0 49	4 8	1 56	0 2	13 7	17 34	17 52	10 24		n.a.
W 9	7 33	15 18	0 32	0 37	0 34	6 24	0 20	24 5	0 29	11 58	0 45	7 14	2 11	12 37	0 49	4 9	1 56	0 2	13 7	17 33	17 52	10 27		n.a.
T 10	7 10	19 36	0n31	0s 6	0 41	6 56	0 23	24 7	0 30	12 2	0 45	7 16	2 11	12 38	0 49	4 10	1 56	0 1	13 7	17 33	17 51	10 30		n.a.
F 11	6 47	23 10	1 33	0 48	0 48	7 27	0 26	24 10	0 32	12 6	0 45	7 18	2 11	12 39	0 49	4 11	1 56	0 1	13 7	17 34	17 50	10 33		n.a.
S 12	6 24	25 45	2 32	1 30	0 55	7 58	0 30	24 12	0 33	12 10	0 44	7 21	2 11	12 40	0 49	4 11	1 56	0 1	13 7	17 34	17 49	10 37		n.a.
S 13	6 0	27 10	3 26	2 12	1 2	8 29	0 33	24 15	0 34	12 14	0 44	7 23	2 10	12 41	0 49	4 12	1 56	0 0	13 8	17 33	17 48	10 40		n.a.
M14	5 37	27 12	4 10	2 53	1 9	8 59	0 36	24 17	0 35	12 18	0 44	7 25	2 10	12 41	0 49	4 13	1 56	0s 0	13 8	17 32	17 47	10 43		n.a.
T 15	5 14	25 42	4 44	3 34	1 16	9 30	0 39	24 19	0 37	12 22	0 44	7 28	2 10	12 42	0 49	4 14	1 56	0 1	13 8	17 31	17 46	10 46		n.a.
W16	4 50	22 42	5 2	4 15	1 23	10 0	0 43	24 21	0 38	12 26	0 44	7 30	2 10	12 43	0 49	4 15	1 56	0 1	13 8	17 28	17 46	10 49		n.a.
T 17	4 26	18 16	5 3	4 54	1 30	10 30	0 46	24 22	0 39	12 30	0 44	7 33	2 10	12 44	0 49	4 15	1 56	0 1	13 8	17 26	17 45	10 52		n.a.
F 18	4 3	12 41	4 45	5 34	1 36	11 0	0 49	24 24	0 40	12 34	0 43	7 35	2 10	12 44	0 49	4 16	1 56	0 2	13 8	17 23	17 44	10 55		n.a.
S 19	3 39	6 17	4 7	6 13	1 43	11 29	0 52	24 26	0 42	12 38	0 43	7 37	2 10	12 45	0 49	4 17	1 56	0 2	13 9	17 21	17 43	10 58		n.a.
S 20	3 15	0s33	3 13	6 51	1 49	11 59	0 56	24 27	0 43	12 42	0 43	7 40	2 9	12 46	0 49	4 18	1 56	0 3	13 9	17 19	17 42	11 1		n.a.
M21	2 51	7 22	2 5	7 28	1 56	12 28	0 59	24 29	0 44	12 46	0 43	7 42	2 9	12 47	0 49	4 19	1 56	0 3	13 9	17 17	17 41	11 5		n.a.
T 22	2 27	13 44	0 49	8 5	2 2	12 57	1 2	24 30	0 46	12 50	0 43	7 45	2 9	12 47	0 49	4 20	1 56	0 4	13 9	17 17	17 40	11 8		n.a.
W23	2 3	19 14	0s30	8 41	2 7	13 25	1 5	24 31	0 47	12 54	0 43	7 47	2 9	12 48	0 49	4 20	1 55	0 4	13 9	17 17	17 39	11 11		n.a.
T 24	1 39	23 31	1 44	9 16	2 13	13 53	1 9	24 32	0 48	12 58	0 42	7 50	2 9	12 49	0 49	4 21	1 55	0 4	13 9	17 17	17 38	11 14		n.a.
F 25	1 15	26 18	2 51	9 50	2 19	14 21	1 12	24 33	0 50	13 2	0 42	7 52	2 9	12 50	0 49	4 22	1 55	0 5	13 9	17 17	17 38	11 17		n.a.
S 26	0 51	27 26	3 47	10 23	2 24	14 49	1 15	24 34	0 51	13 7	0 42	7 55	2 9	12 50	0 49	4 23	1 55	0 5	13 10	17 17	17 37	11 20		n.a.
S 27	0 26	26 55	4 29	10 55	2 29	15 16	1 18	24 35	0 53	13 11	0 42	7 57	2 9	12 51	0 49	4 24	1 55	0 6	13 10	17 16	17 36	11 23		n.a.
M28	0 2	24 55	4 56	11 26	2 33	15 42	1 21	24 36	0 54	13 15	0 42	8 0	2 8	12 52	0 49	4 25	1 55	0 6	13 10	17 15	17 35	11 26		n.a.
T 29	0s22	21 41	5 8	11 56	2 37	16 9	1 24	24 37	0 55	13 19	0 42	8 2	2 8	12 52	0 49	4 26	1 55	0 6	13 10	17 14	17 34	11 29		n.a.
W30	0s46	17s29	5s 4	12s24	2s41	16s35	1s27	24n37	0n57	13s23	0n41	8s 5	2n 8	12s53	0s48	4s27	1n55	0s 7	13s10	17n11	17n33	11n32		n.a.

Julian Day Number = 1596385.5, Delta T = 04h01m56s
Ecliptic obliquity = 23°44'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'55, Lahiri = - 8°40'55 Julian Calendar 1 Sept. 343 BCE == Greg. Calendar 27 Aug. 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

OCTOBER 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 18 37	2♎54'50	9♓13	26♎22	11♏50	4♋38	7♏16	25♎51	28°R31	15♎38	1°R47	17°R 6	18♉28	3♉30	n.a.	T 1
F 2	0 22 33	3°55'03	21°28	27°23	13° 2	5° 5	7°28	25°57	28♒29	15°40	1♉46	16♉57	18°25	3°37	n.a.	F 2
S 3	0 26 30	4°55'17	3♈35	28°22	14°14	5°31	7°41	26° 4	28°27	15°42	1°45	16°50	18°21	3°44	n.a.	S 3
S 4	0 30 26	5°55'34	15°33	29°16	15°26	5°58	7°53	26°11	28°25	15°45	1°44	16°44	18°18	3°50	n.a.	S 4
M 5	0 34 23	6°55'52	27°25	0♏ 7	16°38	6°24	8° 6	26°18	28°24	15°47	1°43	16°40	18°15	3°57	n.a.	M 5
T 6	0 38 19	7°56'12	9♉13	0°54	17°49	6°49	8°18	26°24	28°22	15°49	1°42	16°38	18°12	4° 4	n.a.	T 6
W 7	0 42 16	8°56'34	20°59	1°36	19° 1	7°15	8°31	26°31	28°20	15°51	1°41	16°D38	18° 9	4°10	n.a.	W 7
T 8	0 46 13	9°56'59	2♊48	2°13	20°13	7°40	8°44	26°38	28°19	15°54	1°40	16°39	18° 6	4°17	n.a.	T 8
F 9	0 50 9	10°57'25	14°42	2°43	21°24	8° 5	8°57	26°45	28°17	15°56	1°39	16°40	18° 2	4°24	n.a.	F 9
S 10	0 54 6	11°57'53	26°47	3° 8	22°36	8°29	9° 9	26°52	28°15	15°58	1°38	16°42	17°59	4°30	n.a.	S 10
S 11	0 58 2	12°58'23	9♋ 7	3°25	23°47	8°54	9°22	26°59	28°14	16° 0	1°36	16°R43	17°56	4°37	n.a.	S 11
M12	1 1 59	13°58'56	21°48	3°34	24°58	9°17	9°35	27° 5	28°12	16° 3	1°35	16°43	17°53	4°44	n.a.	M12
T 13	1 5 55	14°59'30	4♌53	3°R34	26°10	9°41	9°48	27°12	28°11	16° 5	1°34	16°41	17°50	4°50	n.a.	T 13
W14	1 9 52	16° 0'06	18°26	3°26	27°21	10° 4	10° 1	27°19	28°10	16° 7	1°33	16°38	17°47	4°57	n.a.	W14
T 15	1 13 48	17° 0'44	2♍27	3° 7	28°32	10°27	10°14	27°26	28° 8	16° 9	1°32	16°34	17°43	5° 4	n.a.	T 15
F 16	1 17 45	18° 1'24	16°56	2°38	29°43	10°49	10°27	27°33	28° 7	16°12	1°31	16°30	17°40	5°10	n.a.	F 16
S 17	1 21 42	19° 2'05	1♎48	1°59	0♐54	11°12	10°40	27°40	28° 6	16°14	1°30	16°26	17°37	5°17	n.a.	S 17
S 18	1 25 38	20° 2'48	16°54	1°10	2° 5	11°33	10°54	27°47	28° 4	16°16	1°29	16°22	17°34	5°23	n.a.	S 18
M19	1 29 35	21° 3'33	2♏ 7	0°11	3°16	11°55	11° 7	27°54	28° 3	16°18	1°28	16°20	17°31	5°30	n.a.	M19
T 20	1 33 31	22° 4'19	17°15	29♎ 3	4°27	12°16	11°20	28° 1	28° 2	16°21	1°27	16°D20	17°27	5°37	n.a.	T 20
W21	1 37 28	23° 5'07	2♐10	27°49	5°37	12°36	11°33	28° 8	28° 1	16°23	1°25	16°21	17°24	5°43	n.a.	W21
T 22	1 41 24	24° 5'56	16°46	26°29	6°48	12°56	11°47	28°15	28° 0	16°25	1°24	16°22	17°21	5°50	n.a.	T 22
F 23	1 45 21	25° 6'46	0♑58	25° 8	7°59	13°16	12° 0	28°22	27°59	16°27	1°23	16°23	17°18	5°57	n.a.	F 23
S 24	1 49 17	26° 7'37	14°45	23°46	9° 9	13°35	12°13	28°29	27°58	16°30	1°22	16°24	17°15	6° 3	n.a.	S 24
S 25	1 53 14	27° 8'29	28° 7	22°28	10°19	13°54	12°27	28°36	27°57	16°32	1°21	16°R25	17°12	6°10	n.a.	S 25
M26	1 57 11	28° 9'22	11♒ 8	21°15	11°30	14°13	12°40	28°43	27°56	16°34	1°20	16°24	17° 8	6°17	n.a.	M26
T 27	2 1 7	29°10'16	23°50	20°11	12°40	14°31	12°54	28°50	27°55	16°36	1°19	16°23	17° 5	6°23	n.a.	T 27
W28	2 5 4	0♏11'11	6♓15	19°15	13°50	14°48	13° 7	28°57	27°55	16°38	1°17	16°21	17° 2	6°30	n.a.	W28
T 29	2 9 0	1°12'07	18°29	18°31	15° 0	15° 5	13°21	29° 4	27°54	16°41	1°16	16°18	16°59	6°37	n.a.	T 29
F 30	2 12 57	2°13'04	0♈32	17°58	16°10	15°22	13°34	29°11	27°53	16°43	1°15	16°16	16°56	6°43	n.a.	F 30
S 31	2 16 53	3♏14'02	12♈28	17♎36	17♐19	15♋38	13♏48	29♎18	27♒53	16♎45	1♉14	16♉14	16♉52	6♉50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1s10	12s37	4s46	12s51	2s44	17s 0	1s30	24n38	0n58	13s27	0n41	8s 7	2n 8	12s54	0s48	4s27	1n55	0s 7	13s10	17n 9	17n32	11n35			n.a.
F 2	1 35	7 19	4 15	13 16	2 47	17 26	1 33	24 38	1 0	13 32	0 41	8 10	2 8	12 54	0 48	4 28	1 55	0 8	13 10	17 7	17 31	11 38			n.a.
S 3	1 59	1 48	3 32	13 39	2 49	17 50	1 36	24 39	1 1	13 36	0 41	8 12	2 8	12 55	0 48	4 29	1 55	0 8	13 10	17 4	17 30	11 42			n.a.
S 4	2 23	3n44	2 41	14 1	2 51	18 15	1 39	24 39	1 3	13 40	0 41	8 15	2 8	12 55	0 48	4 30	1 55	0 9	13 10	17 3	17 30	11 45			n.a.
M 5	2 47	9 5	1 43	14 20	2 52	18 39	1 42	24 39	1 4	13 44	0 41	8 17	2 8	12 56	0 48	4 31	1 55	0 9	13 11	17 2	17 29	11 48			n.a.
T 6	3 11	14 7	0 40	14 37	2 52	19 2	1 45	24 40	1 6	13 49	0 41	8 20	2 8	12 57	0 48	4 32	1 55	0 9	13 11	17 1	17 28	11 51			n.a.
W 7	3 35	18 37	0n24	14 51	2 52	19 25	1 48	24 40	1 8	13 53	0 40	8 22	2 8	12 57	0 48	4 33	1 55	0 10	13 11	17 1	17 27	11 54			n.a.
T 8	3 59	22 24	1 27	15 3	2 50	19 47	1 50	24 40	1 9	13 57	0 40	8 25	2 8	12 58	0 48	4 34	1 55	0 10	13 11	17 1	17 26	11 57			n.a.
F 9	4 23	25 17	2 27	15 11	2 48	20 9	1 53	24 40	1 11	14 1	0 40	8 28	2 7	12 58	0 48	4 34	1 55	0 11	13 11	17 2	17 25	12 0			n.a.
S 10	4 47	27 4	3 22	15 16	2 44	20 31	1 56	24 40	1 12	14 6	0 40	8 30	2 7	12 59	0 48	4 35	1 55	0 11	13 11	17 2	17 24	12 3			n.a.
S 11	5 11	27 33	4 9	15 18	2 39	20 52	1 58	24 40	1 14	14 10	0 40	8 33	2 7	12 59	0 48	4 36	1 55	0 12	13 11	17 2	17 23	12 6			n.a.
M12	5 35	26 38	4 44	15 15	2 33	21 12	2 1	24 40	1 16	14 14	0 40	8 35	2 7	13 0	0 48	4 37	1 55	0 12	13 11	17 2	17 22	12 9			n.a.
T 13	5 59	24 14	5 7	15 8	2 25	21 32	2 3	24 40	1 17	14 18	0 40	8 38	2 7	13 0	0 48	4 38	1 55	0 12	13 11	17 2	17 22	12 12			n.a.
W14	6 22	20 27	5 13	14 57	2 16	21 51	2 6	24 40	1 19	14 23	0 40	8 40	2 7	13 1	0 48	4 39	1 55	0 13	13 11	17 1	17 21	12 15			n.a.
T 15	6 46	15 24	5 2	14 40	2 5	22 10	2 8	24 40	1 21	14 27	0 39	8 43	2 7	13 1	0 48	4 40	1 55	0 13	13 11	17 0	17 20	12 18			n.a.
F 16	7 9	9 22	4 31	14 18	1 53	22 28	2 10	24 40	1 23	14 31	0 39	8 46	2 7	13 2	0 48	4 41	1 55	0 14	13 11	16 59	17 19	12 21			n.a.
S 17	7 33	2 39	3 41	13 51	1 39	22 45	2 13	24 40	1 24	14 36	0 39	8 48	2 7	13 2	0 48	4 41	1 55	0 14	13 11	16 57	17 18	12 24			n.a.
S 18	7 56	4s21	2 35	13 19	1 23	23 2	2 15	24 40	1 26	14 40	0 39	8 51	2 7	13 2	0 48	4 42	1 55	0 14	13 11	16 56	17 17	12 28			n.a.
M19	8 19	11 9	1 18	12 41	1 5	23 18	2 17	24 39	1 28	14 44	0 39	8 53	2 7	13 3	0 48	4 43	1 55	0 15	13 11	16 56	17 16	12 31			n.a.
T 20	8 42	17 17	0s 5	12 0	0 46	23 34	2 19	24 39	1 30	14 48	0 39	8 56	2 7	13 3	0 48	4 44	1 55	0 15	13 11	16 56	17 15	12 34			n.a.
W21	9 5	22 16	1 26	11 14	0 26	23 49	2 21	24 39	1 32	14 53	0 39	8 58	2 7	13 4	0 48	4 45	1 55	0 16	13 11	16 56	17 14	12 37			n.a.
T 22	9 28	25 44	2 40	10 26	0 6	24 3	2 23	24 39	1 34	14 57	0 39	9 1	2 7	13 4	0 48	4 46	1 55	0 16	13 11	16 56	17 13	12 40			n.a.
F 23	9 50	27 26	3 42	9 37	0n15	24 17	2 24	24 39	1 35	15 1	0 38	9 4	2 7	13 4	0 48	4 47	1 55	0 16	13 11	16 57	17 12	12 43			n.a.
S 24	10 13	27 22	4 29	8 48	0 35	24 30	2 26	24 39	1 37	15 5	0 38	9 6	2 7	13 5	0 48	4 47	1 55	0 17	13 11	16 57	17 12	12 46			n.a.
S 25	10 35	25 41	5 0	8 0	0 55	24 42	2 27	24 39	1 39	15 10	0 38	9 9	2 6	13 5	0 48	4 48	1 55	0 17	13 11	16 57	17 11	12 49			n.a.
M26	10 57	22 41	5 15	7 16	1 13	24 54	2 29	24 39	1 41	15 14	0 38	9 11	2 6	13 5	0 48	4 49	1 55	0 17	13 11	16 57	17 10	12 52			n.a.
T 27	11 19	18 40	5 13	6 36	1 30	25 5	2 30	24 39	1 43	15 18	0 38	9 14	2 6	13 5	0 48	4 50	1 55	0 18	13 11	16 57	17 9	12 55			n.a.
W28	11 41	13 55	4 57	6 1	1 45	25 15	2 32	24 39	1 45	15 22	0 38	9 16	2 6	13 6	0 48	4 51	1 55	0 18	13 11	16 56	17 8	12 58			n.a.
T 29	12 2	8 43	4 28	5 32	1 58	25 25	2 33	24 39	1 47	15 26	0 38	9 19	2 6	13 6	0 48	4 52	1 55	0 18	13 11	16 55	17 7	13 1			n.a.
F 30	12 24	3 15	3 47	5 9	2 9	25 34	2 34	24 39	1 49	15 31	0 38	9 21	2 6	13 6	0 48	4 52	1 55	0 19	13 11	16 55	17 6	13 4			n.a.
S 31	12s45	2n17	2s56	4s52	2n18	25s42	2s35	24n39	1n51	15s35	0n38	9s24	2n 6	13s 6	0s48	4s53	1n55	0s19	13s11	16n54	17n 5	13n 7			n.a.

Julian Day Number = 1596415.5, Delta T = 04h01m55s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'51, Lahiri = - 8°40'51 Julian Calendar 1 Oct. 343 BCE == Greg. Calendar 26 Sept. 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

NOVEMBER 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 20 50	4♏15'01	24♈19	17°D26	18♐29	15♋54	14♏ 1	29♎25	27°R52	16♎47	1°R13	16°R12	16♉49	6♉57	n.a.	S 1
M 2	2 24 46	5°16'01	6♉ 7	17♎27	19°38	16° 9	14°15	29°32	27♒51	16°49	1♉12	16♉12	16°46	7° 3	n.a.	M 2
T 3	2 28 43	6°17'02	17°55	17°38	20°48	16°23	14°29	29°39	27°51	16°51	1°11	16°D11	16°43	7°10	n.a.	T 3
W 4	2 32 40	7°18'04	29°44	17°58	21°57	16°37	14°42	29°46	27°51	16°54	1°10	16°12	16°40	7°16	n.a.	W 4
T 5	2 36 36	8°19'08	11♊38	18°27	23° 6	16°51	14°56	29°53	27°50	16°56	1° 8	16°12	16°37	7°23	n.a.	T 5
F 6	2 40 33	9°20'12	23°37	19° 3	24°15	17° 4	15° 9	0♏ 0	27°50	16°58	1° 7	16°13	16°33	7°30	n.a.	F 6
S 7	2 44 29	10°21'18	5♋46	19°47	25°24	17°16	15°23	0° 7	27°50	17° 0	1° 6	16°14	16°30	7°36	n.a.	S 7
S 8	2 48 26	11°22'24	18° 9	20°36	26°32	17°28	15°37	0°14	27°49	17° 2	1° 5	16°14	16°27	7°43	n.a.	S 8
M 9	2 52 22	12°23'32	0♌48	21°31	27°41	17°39	15°50	0°21	27°49	17° 4	1° 4	16°15	16°24	7°50	n.a.	M 9
T 10	2 56 19	13°24'41	13°47	22°30	28°49	17°50	16° 4	0°28	27°49	17° 6	1° 3	16°R15	16°21	7°56	n.a.	T 10
W11	3 0 15	14°25'51	27°10	23°33	29°57	18° 0	16°18	0°35	27°49	17° 8	1° 2	16°15	16°18	8° 3	n.a.	W11
T 12	3 4 12	15°27'02	10♍59	24°40	1♑ 5	18° 9	16°32	0°42	27°D49	17°10	1° 1	16°15	16°14	8°10	n.a.	T 12
F 13	3 8 9	16°28'13	25°13	25°50	2°13	18°18	16°45	0°49	27°49	17°12	0°59	16°D15	16°11	8°16	n.a.	F 13
S 14	3 12 5	17°29'26	9♎52	27° 3	3°21	18°26	16°59	0°56	27°49	17°14	0°58	16°15	16° 8	8°23	n.a.	S 14
S 15	3 16 2	18°30'39	24°49	28°18	4°28	18°34	17°13	1° 2	27°49	17°16	0°57	16°15	16° 5	8°30	n.a.	S 15
M16	3 19 58	19°31'53	9♏59	29°35	5°36	18°41	17°26	1° 9	27°49	17°18	0°56	16°R15	16° 2	8°36	n.a.	M16
T 17	3 23 55	20°33'08	25°12	0♏54	6°43	18°47	17°40	1°16	27°50	17°20	0°55	16°15	15°58	8°43	n.a.	T 17
W18	3 27 51	21°34'24	10♐17	2°14	7°50	18°52	17°54	1°23	27°50	17°22	0°54	16°15	15°55	8°50	n.a.	W18
T 19	3 31 48	22°35'39	25° 7	3°36	8°57	18°57	18° 8	1°29	27°50	17°24	0°53	16°14	15°52	8°56	n.a.	T 19
F 20	3 35 45	23°36'55	9♑35	4°59	10° 3	19° 1	18°21	1°36	27°51	17°26	0°52	16°13	15°49	9° 3	n.a.	F 20
S 21	3 39 41	24°38'11	23°35	6°23	11° 9	19° 4	18°35	1°43	27°51	17°28	0°51	16°12	15°46	9° 9	n.a.	S 21
S 22	3 43 38	25°39'27	7♒ 8	7°47	12°15	19° 6	18°49	1°49	27°52	17°30	0°50	16°11	15°43	9°16	n.a.	S 22
M23	3 47 34	26°40'43	20°15	9°13	13°21	19° 8	19° 2	1°56	27°52	17°32	0°49	16°11	15°39	9°23	n.a.	M23
T 24	3 51 31	27°41'59	2♓57	10°39	14°27	19° 9	19°16	2° 3	27°53	17°34	0°48	16°D11	15°36	9°29	n.a.	T 24
W25	3 55 27	28°43'15	15°20	12° 6	15°32	19°R 9	19°30	2° 9	27°54	17°36	0°47	16°11	15°33	9°36	n.a.	W25
T 26	3 59 24	29°44'31	27°28	13°34	16°37	19° 9	19°43	2°16	27°54	17°37	0°46	16°13	15°30	9°43	n.a.	T 26
F 27	4 3 20	0♐45'46	9♈25	15° 2	17°42	19° 8	19°57	2°22	27°55	17°39	0°45	16°14	15°27	9°49	n.a.	F 27
S 28	4 7 17	1°47'02	21°15	16°31	18°46	19° 5	20°10	2°29	27°56	17°41	0°44	16°15	15°24	9°56	n.a.	S 28
S 29	4 11 14	2°48'17	3♉ 2	18° 0	19°50	19° 3	20°24	2°35	27°57	17°43	0°43	16°16	15°20	10° 3	n.a.	S 29
M30	4 15 10	3♐49'32	14♉49	19♏30	20♑54	18♋59	20♏38	2♏41	27♒58	17♎44	0♉42	16°R17	15♉17	10♉ 9	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s 6	7n43	1s58	4s42	2n25	25s49	2s36	24n39	1n53	15s39	0n37	9s26	2n 6	13s 6	0s47	4s54	1n55	0s20	13s11	16n54	17n 4	13n10		n.a.
M 2	13 26	12 51	0 56	4 38	2 30	25 56	2 37	24 40	1 56	15 43	0 37	9 29	2 6	13 6	0 47	4 55	1 55	0 20	13 11	16 53	17 3	13 13		n.a.
T 3	13 47	17 32	0n10	4 39	2 33	26 2	2 37	24 40	1 58	15 47	0 37	9 31	2 6	13 7	0 47	4 56	1 55	0 20	13 11	16 53	17 2	13 16		n.a.
W 4	14 7	21 34	1 15	4 45	2 35	26 7	2 38	24 40	2 0	15 52	0 37	9 34	2 6	13 7	0 47	4 57	1 56	0 20	13 11	16 53	17 2	13 19		n.a.
T 5	14 27	24 43	2 17	4 55	2 36	26 12	2 38	24 41	2 2	15 56	0 37	9 36	2 6	13 7	0 47	4 57	1 56	0 21	13 11	16 54	17 1	13 22		n.a.
F 6	14 47	26 48	3 13	5 10	2 35	26 15	2 39	24 41	2 4	16 0	0 37	9 39	2 6	13 7	0 47	4 58	1 56	0 21	13 11	16 54	17 0	13 25		n.a.
S 7	15 7	27 39	4 2	5 28	2 34	26 18	2 39	24 42	2 7	16 4	0 37	9 41	2 6	13 7	0 47	4 59	1 56	0 21	13 11	16 54	16 59	13 28		n.a.
S 8	15 26	27 7	4 41	5 49	2 31	26 21	2 39	24 43	2 9	16 8	0 37	9 44	2 6	13 7	0 47	5 0	1 56	0 22	13 11	16 54	16 58	13 31		n.a.
M 9	15 45	25 13	5 7	6 12	2 28	26 22	2 39	24 43	2 11	16 12	0 37	9 46	2 6	13 7	0 47	5 1	1 56	0 22	13 11	16 54	16 57	13 34		n.a.
T 10	16 4	21 57	5 18	6 38	2 24	26 23	2 39	24 44	2 13	16 16	0 37	9 48	2 6	13 7	0 47	5 1	1 56	0 22	13 10	16 54	16 56	13 37		n.a.
W11	16 22	17 29	5 12	7 6	2 19	26 23	2 39	24 45	2 16	16 20	0 36	9 51	2 6	13 7	0 47	5 2	1 56	0 23	13 10	16 54	16 55	13 40		n.a.
T 12	16 40	11 59	4 49	7 36	2 14	26 22	2 38	24 46	2 18	16 24	0 36	9 53	2 6	13 7	0 47	5 3	1 56	0 23	13 10	16 54	16 54	13 43		n.a.
F 13	16 58	5 42	4 8	8 7	2 8	26 21	2 38	24 47	2 20	16 28	0 36	9 56	2 6	13 7	0 47	5 4	1 56	0 23	13 10	16 54	16 53	13 46		n.a.
S 14	17 16	1s 4	3 9	8 39	2 2	26 19	2 37	24 49	2 23	16 32	0 36	9 58	2 6	13 7	0 47	5 4	1 56	0 23	13 10	16 54	16 52	13 49		n.a.
S 15	17 33	7 56	1 56	9 12	1 56	26 16	2 36	24 50	2 25	16 36	0 36	10 0	2 6	13 7	0 47	5 5	1 56	0 24	13 10	16 54	16 51	13 52		n.a.
M16	17 50	14 27	0 35	9 45	1 50	26 13	2 36	24 51	2 28	16 40	0 36	10 3	2 6	13 7	0 47	5 6	1 56	0 24	13 10	16 54	16 50	13 55		n.a.
T 17	18 7	20 6	0s50	10 20	1 43	26 8	2 35	24 53	2 30	16 44	0 36	10 5	2 6	13 7	0 47	5 7	1 56	0 24	13 10	16 54	16 50	13 58		n.a.
W18	18 23	24 25	2 10	10 54	1 36	26 3	2 33	24 55	2 33	16 48	0 36	10 7	2 7	13 6	0 47	5 7	1 56	0 24	13 10	16 54	16 49	14 1		n.a.
T 19	18 39	26 58	3 20	11 29	1 29	25 58	2 32	24 56	2 35	16 52	0 36	10 10	2 7	13 6	0 47	5 8	1 56	0 25	13 9	16 54	16 48	14 4		n.a.
F 20	18 55	27 38	4 15	12 4	1 22	25 51	2 31	24 58	2 38	16 56	0 36	10 12	2 7	13 6	0 47	5 9	1 56	0 25	13 9	16 54	16 47	14 7		n.a.
S 21	19 10	26 28	4 53	12 39	1 14	25 44	2 29	25 0	2 40	17 0	0 36	10 14	2 7	13 6	0 47	5 9	1 56	0 25	13 9	16 54	16 46	14 10		n.a.
S 22	19 25	23 46	5 14	13 14	1 7	25 37	2 27	25 3	2 43	17 4	0 36	10 17	2 7	13 6	0 47	5 10	1 56	0 25	13 9	16 53	16 45	14 13		n.a.
M23	19 39	19 55	5 17	13 48	1 0	25 28	2 25	25 5	2 45	17 8	0 35	10 19	2 7	13 5	0 47	5 11	1 56	0 25	13 9	16 53	16 44	14 16		n.a.
T 24	19 54	15 16	5 4	14 23	0 52	25 19	2 23	25 7	2 48	17 12	0 35	10 21	2 7	13 5	0 47	5 11	1 56	0 26	13 9	16 53	16 43	14 19		n.a.
W25	20 7	10 6	4 38	14 57	0 45	25 10	2 21	25 10	2 51	17 15	0 35	10 23	2 7	13 5	0 47	5 12	1 56	0 26	13 9	16 53	16 42	14 22		n.a.
T 26	20 21	4 40	3 59	15 31	0 37	24 59	2 19	25 13	2 53	17 19	0 35	10 26	2 7	13 5	0 46	5 13	1 56	0 26	13 8	16 54	16 41	14 25		n.a.
F 27	20 34	0n52	3 11	16 4	0 30	24 48	2 16	25 15	2 56	17 23	0 35	10 28	2 7	13 4	0 46	5 13	1 56	0 26	13 8	16 54	16 40	14 28		n.a.
S 28	20 47	6 19	2 14	16 37	0 23	24 37	2 14	25 18	2 59	17 27	0 35	10 30	2 7	13 4	0 46	5 14	1 56	0 26	13 8	16 54	16 39	14 31		n.a.
S 29	20 59	11 32	1 13	17 10	0 15	24 25	2 11	25 21	3 1	17 31	0 35	10 32	2 7	13 4	0 46	5 15	1 56	0 26	13 8	16 55	16 38	14 34		n.a.
M30	21s11	16n21	0s 8	17s42	0n 8	24s12	2s 8	25n25	3n 4	17s34	0n35	10s34	2n 7	13s 3	0s46	5s15	1n56	0s27	13s 8	16n55	16n37	14n37		n.a.

Julian Day Number = 1596446.5, Delta T = 04h01m54s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'47, Lahiri = - 8°40'47 Julian Calendar 1 Nov. 343 BCE == Greg. Calendar 27 Oct. 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 343 BCE
geocentric

DECEMBER 343 BCE (-342) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 19 7	4♐50'48	26♉40	21♏ 0	21♑58	18°R54	20♏51	2♏48	27♒59	17♎46	0°R41	16°R17	15♉14	10♉16	n.a.	T 1
W 2	4 23 3	5°52'03	8♊36	22°31	23° 1	18♋49	21° 5	2°54	28° 0	17°48	0♉40	16♉15	15°11	10°23	n.a.	W 2
T 3	4 27 0	6°53'18	20°38	24° 1	24° 4	18°43	21°18	3° 0	28° 1	17°49	0°39	16°13	15° 8	10°29	n.a.	T 3
F 4	4 30 56	7°54'33	2♋50	25°33	25° 6	18°36	21°32	3° 6	28° 2	17°51	0°38	16° 9	15° 4	10°36	n.a.	F 4
S 5	4 34 53	8°55'47	15°12	27° 4	26° 8	18°28	21°45	3°13	28° 3	17°53	0°38	16° 6	15° 1	10°43	n.a.	S 5
S 6	4 38 50	9°57'02	27°45	28°37	27°10	18°20	21°58	3°19	28° 4	17°54	0°37	16° 2	14°58	10°49	n.a.	S 6
M 7	4 42 46	10°58'17	10♌32	0♐ 9	28°11	18°11	22°12	3°25	28° 5	17°56	0°36	15°58	14°55	10°56	n.a.	M 7
T 8	4 46 43	11°59'31	23°34	1°42	29°12	18° 0	22°25	3°31	28° 7	17°57	0°35	15°56	14°52	11° 2	n.a.	T 8
W 9	4 50 39	13° 0'46	6♍54	3°15	0♒12	17°49	22°39	3°37	28° 8	17°59	0°34	15°54	14°49	11° 9	n.a.	W 9
T 10	4 54 36	14° 2'00	20°32	4°49	1°13	17°38	22°52	3°43	28°10	18° 0	0°33	15°D54	14°45	11°16	n.a.	T 10
F 11	4 58 32	15° 3'14	4♎31	6°23	2°12	17°25	23° 5	3°49	28°11	18° 2	0°33	15°55	14°42	11°22	n.a.	F 11
S 12	5 2 29	16° 4'28	18°49	7°58	3°11	17°12	23°18	3°54	28°12	18° 3	0°32	15°57	14°39	11°29	n.a.	S 12
S 13	5 6 25	17° 5'42	3♏25	9°33	4°10	16°58	23°32	4° 0	28°14	18° 4	0°31	15°58	14°36	11°36	n.a.	S 13
M14	5 10 22	18° 6'55	18°14	11° 8	5° 8	16°43	23°45	4° 6	28°16	18° 6	0°30	15°R59	14°33	11°42	n.a.	M14
T 15	5 14 19	19° 8'08	3♐12	12°44	6° 6	16°27	23°58	4°12	28°17	18° 7	0°30	15°58	14°30	11°49	n.a.	T 15
W16	5 18 15	20° 9'21	18° 9	14°21	7° 3	16°11	24°11	4°17	28°19	18° 8	0°29	15°55	14°26	11°56	n.a.	W16
T 17	5 22 12	21°10'33	2♑57	15°58	7°59	15°54	24°24	4°23	28°21	18°10	0°28	15°50	14°23	12° 2	n.a.	T 17
F 18	5 26 8	22°11'44	17°28	17°36	8°55	15°36	24°37	4°28	28°22	18°11	0°28	15°45	14°20	12° 9	n.a.	F 18
S 19	5 30 5	23°12'54	1♒36	19°14	9°50	15°18	24°50	4°34	28°24	18°12	0°27	15°39	14°17	12°16	n.a.	S 19
S 20	5 34 1	24°14'03	15°18	20°52	10°45	14°59	25° 3	4°39	28°26	18°13	0°26	15°33	14°14	12°22	n.a.	S 20
M21	5 37 58	25°15'12	28°32	22°32	11°39	14°39	25°15	4°44	28°28	18°14	0°26	15°28	14°10	12°29	n.a.	M21
T 22	5 41 54	26°16'18	11♓20	24°11	12°32	14°19	25°28	4°50	28°30	18°15	0°25	15°25	14° 7	12°36	n.a.	T 22
W23	5 45 51	27°17'24	23°47	25°52	13°25	13°58	25°41	4°55	28°32	18°17	0°25	15°D24	14° 4	12°42	n.a.	W23
T 24	5 49 48	28°18'29	5♈55	27°33	14°17	13°37	25°54	5° 0	28°34	18°18	0°24	15°24	14° 1	12°49	n.a.	T 24
F 25	5 53 44	29°19'32	17°51	29°14	15° 8	13°15	26° 6	5° 5	28°36	18°19	0°24	15°25	13°58	12°55	n.a.	F 25
S 26	5 57 41	0♑20'34	29°40	0♑57	15°58	12°53	26°19	5°10	28°38	18°20	0°23	15°27	13°55	13° 2	n.a.	S 26
S 27	6 1 37	1°21'35	11♉26	2°39	16°48	12°31	26°31	5°15	28°40	18°21	0°23	15°R28	13°51	13° 9	n.a.	S 27
M28	6 5 34	2°22'34	23°14	4°23	17°36	12° 8	26°44	5°20	28°43	18°22	0°22	15°28	13°48	13°15	n.a.	M28
T 29	6 9 30	3°23'32	5♊ 9	6° 7	18°24	11°45	26°56	5°24	28°45	18°22	0°22	15°25	13°45	13°22	n.a.	T 29
W30	6 13 27	4°24'29	17°13	7°52	19°10	11°21	27° 8	5°29	28°47	18°23	0°21	15°21	13°42	13°29	n.a.	W30
T 31	6 17 24	5♑25'25	29♊28	9♑37	19♒56	10♋58	27♏21	5♏34	28♒49	18♎24	0♉21	15♉14	13♉39	13♉35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s22	20n35	0n57	18s13	0n 1	23s59	2s 5	25n28	3n 7	17s38	0n35	10s36	2n 7	13s 3	0s46	5s16	1n56	0s27	13s 7	16n55	16n36	14n39		n.a.
W 2	21 33	23 59	2 0	18 43	0s 6	23 45	2 2	25 31	3 9	17 42	0 35	10 38	2 7	13 2	0 46	5 16	1 57	0 27	13 7	16 54	16 35	14 42		n.a.
T 3	21 44	26 22	2 59	19 13	0 13	23 30	1 58	25 35	3 12	17 45	0 35	10 40	2 7	13 2	0 46	5 17	1 57	0 27	13 7	16 54	16 35	14 45		n.a.
F 4	21 54	27 32	3 49	19 42	0 19	23 15	1 55	25 38	3 15	17 49	0 35	10 43	2 7	13 2	0 46	5 18	1 57	0 27	13 7	16 53	16 34	14 48		n.a.
S 5	22 4	27 20	4 30	20 10	0 26	23 0	1 51	25 42	3 17	17 52	0 35	10 45	2 8	13 1	0 46	5 18	1 57	0 27	13 7	16 52	16 33	14 51		n.a.
S 6	22 13	25 45	4 59	20 38	0 33	22 44	1 47	25 46	3 20	17 56	0 35	10 47	2 8	13 1	0 46	5 19	1 57	0 27	13 6	16 50	16 32	14 54		n.a.
M 7	22 22	22 49	5 13	21 4	0 39	22 28	1 43	25 50	3 22	18 0	0 34	10 49	2 8	13 0	0 46	5 19	1 57	0 27	13 6	16 49	16 31	14 57		n.a.
T 8	22 31	18 43	5 12	21 30	0 45	22 11	1 39	25 54	3 25	18 3	0 34	10 51	2 8	13 0	0 46	5 20	1 57	0 27	13 6	16 49	16 30	15 0		n.a.
W 9	22 39	13 37	4 54	21 55	0 51	21 53	1 34	25 58	3 28	18 7	0 34	10 52	2 8	12 59	0 46	5 20	1 57	0 28	13 6	16 48	16 29	15 3		n.a.
T 10	22 46	7 45	4 19	22 18	0 57	21 36	1 29	26 2	3 30	18 10	0 34	10 54	2 8	12 59	0 46	5 21	1 57	0 28	13 6	16 48	16 28	15 6		n.a.
F 11	22 53	1 22	3 28	22 41	1 3	21 17	1 25	26 6	3 33	18 13	0 34	10 56	2 8	12 58	0 46	5 21	1 57	0 28	13 5	16 49	16 27	15 9		n.a.
S 12	23 0	5s15	2 24	23 2	1 9	20 59	1 20	26 10	3 35	18 17	0 34	10 58	2 8	12 58	0 46	5 22	1 57	0 28	13 5	16 49	16 26	15 12		n.a.
S 13	23 6	11 44	1 8	23 23	1 14	20 40	1 15	26 15	3 38	18 20	0 34	11 0	2 8	12 57	0 46	5 22	1 57	0 28	13 5	16 49	16 25	15 15		n.a.
M14	23 12	17 40	0s12	23 42	1 19	20 20	1 9	26 19	3 40	18 24	0 34	11 2	2 8	12 56	0 46	5 23	1 57	0 28	13 5	16 50	16 24	15 18		n.a.
T 15	23 17	22 34	1 33	24 0	1 24	20 1	1 4	26 23	3 43	18 27	0 34	11 4	2 8	12 56	0 46	5 23	1 57	0 28	13 4	16 49	16 23	15 20		n.a.
W16	23 22	25 58	2 47	24 16	1 29	19 41	0 58	26 28	3 45	18 30	0 34	11 6	2 9	12 55	0 46	5 24	1 57	0 28	13 4	16 48	16 22	15 23		n.a.
T 17	23 26	27 31	3 49	24 32	1 33	19 20	0 52	26 32	3 47	18 34	0 34	11 7	2 9	12 55	0 46	5 24	1 57	0 28	13 4	16 47	16 21	15 26		n.a.
F 18	23 30	27 7	4 34	24 46	1 37	18 59	0 46	26 37	3 50	18 37	0 34	11 9	2 9	12 54	0 46	5 25	1 57	0 28	13 4	16 45	16 20	15 29		n.a.
S 19	23 34	24 57	5 2	24 58	1 41	18 39	0 40	26 41	3 52	18 40	0 34	11 11	2 9	12 53	0 46	5 25	1 57	0 28	13 3	16 44	16 19	15 32		n.a.
S 20	23 37	21 23	5 11	25 10	1 45	18 17	0 33	26 45	3 54	18 43	0 34	11 12	2 9	12 53	0 46	5 25	1 58	0 28	13 3	16 42	16 18	15 35		n.a.
M21	23 39	16 51	5 3	25 19	1 48	17 56	0 27	26 50	3 56	18 46	0 34	11 14	2 9	12 52	0 46	5 26	1 58	0 28	13 3	16 41	16 17	15 38		n.a.
T 22	23 41	11 42	4 40	25 27	1 51	17 34	0 20	26 54	3 58	18 50	0 34	11 16	2 9	12 51	0 46	5 26	1 58	0 28	13 3	16 40	16 17	15 41		n.a.
W23	23 43	6 14	4 4	25 34	1 54	17 12	0 13	26 58	4 0	18 53	0 34	11 17	2 9	12 50	0 45	5 27	1 58	0 28	13 2	16 39	16 16	15 44		n.a.
T 24	23 44	0 39	3 18	25 39	1 56	16 50	0 5	27 2	4 2	18 56	0 34	11 19	2 10	12 50	0 45	5 27	1 58	0 28	13 2	16 39	16 15	15 46		n.a.
F 25	23 44	4n52	2 24	25 42	1 58	16 28	0n 2	27 6	4 4	18 59	0 33	11 21	2 10	12 49	0 45	5 27	1 58	0 27	13 2	16 40	16 14	15 49		n.a.
S 26	23 44	10 10	1 25	25 44	1 59	16 6	0 10	27 10	4 5	19 2	0 33	11 22	2 10	12 48	0 45	5 28	1 58	0 27	13 2	16 40	16 13	15 52		n.a.
S 27	23 44	15 6	0 22	25 43	2 1	15 43	0 17	27 14	4 7	19 5	0 33	11 24	2 10	12 47	0 45	5 28	1 58	0 27	13 1	16 41	16 12	15 55		n.a.
M28	23 43	19 29	0n42	25 41	2 2	15 21	0 26	27 18	4 8	19 8	0 33	11 25	2 10	12 47	0 45	5 28	1 58	0 27	13 1	16 40	16 11	15 58		n.a.
T 29	23 42	23 8	1 44	25 37	2 2	14 58	0 34	27 22	4 10	19 11	0 33	11 27	2 10	12 46	0 45	5 28	1 58	0 27	13 1	16 40	16 10	16 1		n.a.
W30	23 40	25 49	2 43	25 32	2 2	14 35	0 42	27 25	4 11	19 14	0 33	11 28	2 10	12 45	0 45	5 29	1 58	0 27	13 0	16 38	16 9	16 4		n.a.
T 31	23s38	27n19	3n34	25s24	2s 1	14s13	0n51	27n28	4n12	19s16	0n33	11s29	2n10	12s44	0s45	5s29	1n58	0s27	13s 0	16n36	16n 8	16n 7		n.a.

Julian Day Number = 1596476.5, Delta T = 04h01m53s
Ecliptic obliquity = 23°44'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'43, Lahiri = - 8°40'42 Julian Calendar 1 Dec. 343 BCE == Greg. Calendar 26 Nov. 343 BCE

The year -342 astronomical counting style corresponds to year 343 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

JANUARY 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 21 20	6♉26'20	11♋55	11♉23	20♒41	10°R34	27♏33	5♏38	28♒52	18♎25	0°R20	15°R 5	13♉36	13♉42	n.a.	F 1
S 2	6 25 17	7°27'13	24°36	13° 9	21°24	10♋10	27°45	5°43	28°54	18°26	0♉20	14♉55	13°32	13°49	n.a.	S 2
S 3	6 29 13	8°28'05	7♌29	14°56	22° 7	9°46	27°57	5°47	28°57	18°26	0°20	14°45	13°29	13°55	n.a.	S 3
M 4	6 33 10	9°28'56	20°34	16°43	22°48	9°22	28° 9	5°51	28°59	18°27	0°19	14°36	13°26	14° 2	n.a.	M 4
T 5	6 37 6	10°29'45	3♍51	18°30	23°28	8°58	28°21	5°56	29° 2	18°28	0°19	14°29	13°23	14° 9	n.a.	T 5
W 6	6 41 3	11°30'34	17°20	20°18	24° 7	8°34	28°33	6° 0	29° 4	18°28	0°19	14°24	13°20	14°15	n.a.	W 6
T 7	6 44 59	12°31'21	1♎ 0	22° 5	24°45	8°10	28°44	6° 4	29° 7	18°29	0°18	14°21	13°16	14°22	n.a.	T 7
F 8	6 48 56	13°32'07	14°52	23°53	25°21	7°47	28°56	6° 8	29° 9	18°30	0°18	14°D20	13°13	14°29	n.a.	F 8
S 9	6 52 53	14°32'52	28°56	25°40	25°56	7°23	29° 8	6°12	29°12	18°30	0°18	14°21	13°10	14°35	n.a.	S 9
S 10	6 56 49	15°33'36	13♏11	27°27	26°30	7° 0	29°19	6°16	29°15	18°31	0°18	14°R21	13° 7	14°42	n.a.	S 10
M11	7 0 46	16°34'19	27°36	29°13	27° 2	6°37	29°31	6°20	29°17	18°31	0°18	14°21	13° 4	14°48	n.a.	M11
T 12	7 4 42	17°35'01	12♐ 7	0♒58	27°32	6°14	29°42	6°23	29°20	18°32	0°17	14°18	13° 1	14°55	n.a.	T 12
W13	7 8 39	18°35'41	26°40	2°41	28° 1	5°52	29°53	6°27	29°23	18°32	0°17	14°12	12°57	15° 2	n.a.	W13
T 14	7 12 35	19°36'20	11♑ 9	4°23	28°28	5°30	0♐ 4	6°30	29°26	18°32	0°17	14° 4	12°54	15° 8	n.a.	T 14
F 15	7 16 32	20°36'57	25°27	6° 2	28°54	5° 8	0°16	6°34	29°28	18°33	0°17	13°53	12°51	15°15	n.a.	F 15
S 16	7 20 28	21°37'32	9♒27	7°39	29°17	4°47	0°27	6°37	29°31	18°33	0°17	13°42	12°48	15°22	n.a.	S 16
S 17	7 24 25	22°38'06	23° 6	9°12	29°39	4°27	0°38	6°40	29°34	18°33	0°17	13°30	12°45	15°28	n.a.	S 17
M18	7 28 22	23°38'37	6♓21	10°41	29°59	4° 7	0°48	6°44	29°37	18°33	0°17	13°21	12°42	15°35	n.a.	M18
T 19	7 32 18	24°39'07	19°12	12° 6	0♓17	3°48	0°59	6°47	29°40	18°34	0°D17	13°13	12°38	15°42	n.a.	T 19
W20	7 36 15	25°39'34	1♈41	13°25	0°32	3°29	1°10	6°50	29°43	18°34	0°17	13° 8	12°35	15°48	n.a.	W20
T 21	7 40 11	26°40'00	13°52	14°39	0°46	3°11	1°20	6°53	29°46	18°34	0°17	13° 5	12°32	15°55	n.a.	T 21
F 22	7 44 8	27°40'23	25°50	15°46	0°58	2°53	1°31	6°55	29°49	18°34	0°17	13°D 5	12°29	16° 2	n.a.	F 22
S 23	7 48 4	28°40'45	7♉39	16°46	1° 7	2°37	1°41	6°58	29°52	18°34	0°17	13°R 5	12°26	16° 8	n.a.	S 23
S 24	7 52 1	29°41'04	19°26	17°38	1°14	2°21	1°51	7° 1	29°55	18°R34	0°17	13° 5	12°22	16°15	n.a.	S 24
M25	7 55 57	0♒41'22	1♊17	18°21	1°18	2° 5	2° 1	7° 3	29°58	18°34	0°17	13° 3	12°19	16°22	n.a.	M25
T 26	7 59 54	1°41'37	13°15	18°56	1°R20	1°51	2°11	7° 6	0♓ 1	18°34	0°18	13° 0	12°16	16°28	n.a.	T 26
W27	8 3 51	2°41'50	25°25	19°22	1°20	1°37	2°21	7° 8	0° 4	18°34	0°18	12°53	12°13	16°35	n.a.	W27
T 28	8 7 47	3°42'01	7♋51	19°38	1°17	1°24	2°31	7°10	0° 7	18°34	0°18	12°44	12°10	16°41	n.a.	T 28
F 29	8 11 44	4°42'10	20°33	19°R45	1°11	1°11	2°41	7°13	0°11	18°34	0°18	12°33	12° 7	16°48	n.a.	F 29
S 30	8 15 40	5°42'17	3♌33	19°42	1° 3	1° 0	2°50	7°15	0°14	18°34	0°18	12°20	12° 3	16°55	n.a.	S 30
S 31	8 19 37	6♒42'22	16♌49	19♒29	0♓53	0♋49	3♐ 0	7♏17	0♓17	18♎33	0♉19	12♉ 7	12♉ 0	17♉ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s35	27n27	4n17	25s14	2s 0	13s50	1n 0	27n31	4n14	19s19	0n33	11s31	2n11	12s43	0s45	5s29	1n58	0s27	13s 0	16n34	16n 7	16n 9		n.a.
S 2	23 32	26 10	4 47	25 3	1 59	13 28	1 9	27 34	4 15	19 22	0 33	11 32	2 11	12 42	0 45	5 29	1 58	0 27	13 0	16 31	16 6	16 12		n.a.
S 3	23 28	23 30	5 3	24 49	1 57	13 5	1 18	27 37	4 16	19 25	0 33	11 34	2 11	12 41	0 45	5 30	1 58	0 26	12 59	16 28	16 5	16 15		n.a.
M 4	23 24	19 36	5 4	24 34	1 54	12 42	1 28	27 40	4 16	19 28	0 33	11 35	2 11	12 40	0 45	5 30	1 58	0 26	12 59	16 25	16 4	16 18		n.a.
T 5	23 19	14 41	4 48	24 16	1 51	12 20	1 37	27 42	4 17	19 30	0 33	11 36	2 11	12 40	0 45	5 30	1 59	0 26	12 59	16 23	16 3	16 21		n.a.
W 6	23 14	9 0	4 17	23 56	1 47	11 58	1 47	27 45	4 18	19 33	0 33	11 37	2 11	12 39	0 45	5 30	1 59	0 26	12 58	16 21	16 2	16 24		n.a.
T 7	23 8	2 48	3 30	23 35	1 42	11 36	1 57	27 47	4 18	19 36	0 33	11 39	2 12	12 38	0 45	5 30	1 59	0 26	12 58	16 21	16 1	16 27		n.a.
F 8	23 2	3s37	2 31	23 11	1 37	11 14	2 7	27 49	4 19	19 38	0 33	11 40	2 12	12 37	0 45	5 31	1 59	0 25	12 58	16 20	16 0	16 29		n.a.
S 9	22 56	9 58	1 22	22 46	1 31	10 52	2 18	27 50	4 19	19 41	0 33	11 41	2 12	12 36	0 45	5 31	1 59	0 25	12 58	16 21	15 59	16 32		n.a.
S 10	22 49	15 54	0 6	22 18	1 24	10 31	2 29	27 52	4 19	19 43	0 33	11 42	2 12	12 35	0 45	5 31	1 59	0 25	12 57	16 21	15 58	16 35		n.a.
M11	22 42	21 1	1s10	21 49	1 17	10 10	2 39	27 53	4 19	19 46	0 33	11 43	2 12	12 34	0 45	5 31	1 59	0 25	12 57	16 21	15 57	16 38		n.a.
T 12	22 34	24 53	2 22	21 19	1 9	9 49	2 50	27 54	4 19	19 48	0 33	11 44	2 12	12 33	0 45	5 31	1 59	0 25	12 57	16 20	15 56	16 41		n.a.
W13	22 26	27 7	3 25	20 46	1 0	9 28	3 2	27 55	4 19	19 51	0 33	11 45	2 13	12 32	0 45	5 31	1 59	0 24	12 56	16 18	15 55	16 43		n.a.
T 14	22 17	27 30	4 15	20 13	0 50	9 8	3 13	27 56	4 19	19 53	0 33	11 46	2 13	12 31	0 45	5 31	1 59	0 24	12 56	16 15	15 54	16 46		n.a.
F 15	22 8	26 1	4 47	19 38	0 39	8 49	3 25	27 57	4 19	19 56	0 33	11 47	2 13	12 30	0 45	5 31	1 59	0 24	12 56	16 12	15 53	16 49		n.a.
S 16	21 59	22 57	5 2	19 3	0 28	8 29	3 36	27 57	4 18	19 58	0 33	11 48	2 13	12 29	0 45	5 31	1 59	0 24	12 55	16 9	15 52	16 52		n.a.
S 17	21 49	18 40	4 58	18 26	0 16	8 11	3 48	27 58	4 18	20 0	0 33	11 49	2 13	12 28	0 45	5 31	1 59	0 23	12 55	16 5	15 51	16 55		n.a.
M18	21 38	13 36	4 39	17 50	0 3	7 52	4 0	27 58	4 17	20 3	0 33	11 50	2 13	12 27	0 45	5 31	1 59	0 23	12 55	16 2	15 50	16 58		n.a.
T 19	21 28	8 5	4 6	17 13	0n10	7 35	4 12	27 58	4 17	20 5	0 33	11 51	2 14	12 26	0 45	5 31	1 59	0 23	12 55	16 0	15 49	17 0		n.a.
W20	21 17	2 23	3 21	16 37	0 24	7 18	4 25	27 57	4 16	20 7	0 32	11 52	2 14	12 25	0 45	5 31	2 0	0 22	12 54	15 59	15 48	17 3		n.a.
T 21	21 5	3n16	2 29	16 1	0 39	7 1	4 37	27 57	4 15	20 9	0 32	11 52	2 14	12 23	0 45	5 31	2 0	0 22	12 54	15 58	15 47	17 6		n.a.
F 22	20 53	8 42	1 30	15 27	0 54	6 46	4 50	27 57	4 14	20 12	0 32	11 53	2 14	12 22	0 45	5 31	2 0	0 22	12 54	15 57	15 47	17 9		n.a.
S 23	20 41	13 47	0 29	14 54	1 9	6 31	5 2	27 56	4 13	20 14	0 32	11 54	2 14	12 21	0 45	5 31	2 0	0 22	12 53	15 58	15 46	17 12		n.a.
S 24	20 28	18 21	0n34	14 23	1 25	6 17	5 15	27 55	4 12	20 16	0 32	11 55	2 14	12 20	0 45	5 31	2 0	0 21	12 53	15 58	15 45	17 14		n.a.
M25	20 15	22 13	1 35	13 55	1 41	6 3	5 27	27 55	4 11	20 18	0 32	11 55	2 15	12 19	0 45	5 31	2 0	0 21	12 53	15 57	15 44	17 17		n.a.
T 26	20 2	25 12	2 33	13 29	1 57	5 51	5 40	27 54	4 10	20 20	0 32	11 56	2 15	12 18	0 45	5 31	2 0	0 21	12 52	15 56	15 43	17 20		n.a.
W27	19 48	27 4	3 24	13 6	2 12	5 39	5 52	27 53	4 9	20 22	0 32	11 56	2 15	12 17	0 45	5 31	2 0	0 20	12 52	15 54	15 42	17 23		n.a.
T 28	19 34	27 37	4 7	12 47	2 27	5 29	6 4	27 51	4 8	20 24	0 32	11 57	2 15	12 16	0 45	5 31	2 0	0 20	12 52	15 51	15 41	17 25		n.a.
F 29	19 20	26 44	4 39	12 31	2 42	5 19	6 17	27 50	4 6	20 26	0 32	11 58	2 15	12 15	0 45	5 31	2 0	0 19	12 51	15 48	15 40	17 28		n.a.
S 30	19 5	24 24	4 57	12 19	2 55	5 11	6 29	27 49	4 5	20 28	0 32	11 58	2 16	12 13	0 45	5 31	2 0	0 19	12 51	15 44	15 39	17 31		n.a.
S 31	18s50	20n44	4n59	12s11	3n 8	5s 3	6n41	27n48	4n 3	20s30	0n32	11s59	2n16	12s12	0s45	5s31	2n 0	0s19	12s51	15n40	15n38	17n34		n.a.

Julian Day Number = 1596507.5, Delta T = 04h01m52s
Ecliptic obliquity = 23°44'18, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'39, Lahiri = - 8°40'38 Julian Calendar 1 Jan. 342 BCE == Greg. Calendar 27 Dec. 343 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

FEBRUARY 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 23 33	7♒42'25	0♍19	19°R 8	0°R40	0°R39	3♐ 9	7♏19	0♓20	18°R33	0♉19	11°R54	11♉57	17♉ 8	n.a.	M 1
T 2	8 27 30	8°42'26	14° 0	18♒38	0♓24	0♋30	3°18	7°20	0°23	18♎33	0°19	11♉44	11°54	17°15	n.a.	T 2
W 3	8 31 26	9°42'26	27°50	18° 1	0° 6	0°22	3°28	7°22	0°27	18°33	0°20	11°37	11°51	17°21	n.a.	W 3
T 4	8 35 23	10°42'23	11♎46	17°17	29♒46	0°14	3°37	7°24	0°30	18°32	0°20	11°32	11°48	17°28	n.a.	T 4
F 5	8 39 20	11°42'19	25°46	16°27	29°23	0° 7	3°45	7°25	0°33	18°32	0°20	11°30	11°44	17°35	n.a.	F 5
S 6	8 43 16	12°42'13	9♏49	15°33	28°59	0° 1	3°54	7°27	0°36	18°31	0°21	11°30	11°41	17°41	n.a.	S 6
S 7	8 47 13	13°42'05	23°55	14°36	28°32	29♊56	4° 3	7°28	0°40	18°31	0°21	11°30	11°38	17°48	n.a.	S 7
M 8	8 51 9	14°41'56	8♐ 2	13°37	28° 3	29°51	4°11	7°29	0°43	18°31	0°22	11°28	11°35	17°55	n.a.	M 8
T 9	8 55 6	15°41'44	22°11	12°38	27°32	29°47	4°20	7°30	0°46	18°30	0°22	11°25	11°32	18° 1	n.a.	T 9
W10	8 59 2	16°41'31	6♑17	11°40	26°59	29°44	4°28	7°31	0°50	18°30	0°22	11°19	11°28	18° 8	n.a.	W10
T 11	9 2 59	17°41'16	20°18	10°44	26°25	29°42	4°36	7°32	0°53	18°29	0°23	11° 9	11°25	18°14	n.a.	T 11
F 12	9 6 55	18°41'00	4♒11	9°51	25°50	29°41	4°44	7°33	0°56	18°28	0°23	10°58	11°22	18°21	n.a.	F 12
S 13	9 10 52	19°40'41	17°51	9° 3	25°14	29°D40	4°52	7°34	1° 0	18°28	0°24	10°45	11°19	18°28	n.a.	S 13
S 14	9 14 49	20°40'19	1♓14	8°19	24°37	29°40	5° 0	7°34	1° 3	18°27	0°25	10°32	11°16	18°34	n.a.	S 14
M15	9 18 45	21°39'56	14°18	7°40	24° 0	29°41	5° 7	7°35	1° 7	18°26	0°25	10°21	11°13	18°41	n.a.	M15
T 16	9 22 42	22°39'30	27° 3	7° 7	23°22	29°43	5°15	7°35	1°10	18°26	0°26	10°12	11° 9	18°48	n.a.	T 16
W17	9 26 38	23°39'02	9♈29	6°41	22°44	29°45	5°22	7°35	1°13	18°25	0°26	10° 6	11° 6	18°54	n.a.	W17
T 18	9 30 35	24°38'32	21°39	6°20	22° 6	29°48	5°29	7°36	1°17	18°24	0°27	10° 2	11° 3	19° 1	n.a.	T 18
F 19	9 34 31	25°37'59	3♉37	6° 6	21°29	29°52	5°36	7°36	1°20	18°23	0°28	10° 1	11° 0	19° 8	n.a.	F 19
S 20	9 38 28	26°37'24	15°27	5°57	20°52	29°56	5°43	7°R36	1°24	18°23	0°28	10°D 1	10°57	19°14	n.a.	S 20
S 21	9 42 24	27°36'47	27°15	5°D55	20°16	0♋ 1	5°49	7°36	1°27	18°22	0°29	10°R 1	10°54	19°21	n.a.	S 21
M22	9 46 21	28°36'07	9♊ 6	5°58	19°42	0° 7	5°56	7°35	1°30	18°21	0°30	10° 0	10°50	19°28	n.a.	M22
T 23	9 50 17	29°35'25	21° 6	6° 7	19° 8	0°13	6° 2	7°35	1°34	18°20	0°30	9°58	10°47	19°34	n.a.	T 23
W24	9 54 14	0♓34'40	3♋19	6°21	18°37	0°20	6° 9	7°35	1°37	18°19	0°31	9°53	10°44	19°41	n.a.	W24
T 25	9 58 11	1°33'53	15°50	6°41	18° 7	0°28	6°15	7°34	1°41	18°18	0°32	9°47	10°41	19°48	n.a.	T 25
F 26	10 2 7	2°33'04	28°42	7° 5	17°39	0°36	6°21	7°34	1°44	18°17	0°33	9°37	10°38	19°54	n.a.	F 26
S 27	10 6 4	3°32'12	11♌55	7°34	17°12	0°45	6°26	7°33	1°47	18°16	0°33	9°27	10°34	20° 1	n.a.	S 27
S 28	10 10 0	4♓31'18	25♌29	8♒ 7	16♒49	0♋54	6♐32	7♏32	1♓51	18♎15	0♉34	9♉16	10♉31	20♉ 7	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s34	15n56	4n45	12s 7	3n19	4s57	6n52	27n46	4n 2	20s31	0n32	11s59	2n16	12s11	0s44	5s30	2n 0	0s18	12s51	15n36	15n37	17n36		n.a.
T 2	18 19	10 16	4 15	12 7	3 29	4 52	7 3	27 45	4 1	20 33	0 32	11 59	2 16	12 10	0 44	5 30	2 0	0 18	12 50	15 33	15 36	17 39		n.a.
W 3	18 2	4 3	3 29	12 11	3 37	4 48	7 14	27 43	3 59	20 35	0 32	12 0	2 16	12 9	0 44	5 30	2 0	0 18	12 50	15 30	15 35	17 42		n.a.
T 4	17 46	2s24	2 30	12 18	3 44	4 45	7 25	27 42	3 57	20 37	0 32	12 0	2 16	12 8	0 44	5 30	2 1	0 17	12 50	15 29	15 34	17 45		n.a.
F 5	17 29	8 48	1 22	12 29	3 48	4 44	7 35	27 40	3 56	20 38	0 32	12 0	2 17	12 6	0 44	5 30	2 1	0 17	12 49	15 28	15 33	17 47		n.a.
S 6	17 12	14 48	0 9	12 43	3 50	4 44	7 44	27 38	3 54	20 40	0 32	12 1	2 17	12 5	0 44	5 29	2 1	0 16	12 49	15 28	15 32	17 50		n.a.
S 7	16 55	20 2	1s 5	12 59	3 50	4 45	7 53	27 37	3 53	20 42	0 32	12 1	2 17	12 4	0 44	5 29	2 1	0 16	12 49	15 28	15 31	17 53		n.a.
M 8	16 38	24 9	2 15	13 18	3 49	4 47	8 1	27 35	3 51	20 43	0 32	12 1	2 17	12 3	0 44	5 29	2 1	0 16	12 48	15 28	15 30	17 56		n.a.
T 9	16 20	26 47	3 17	13 38	3 45	4 50	8 8	27 33	3 49	20 45	0 32	12 1	2 17	12 2	0 44	5 29	2 1	0 15	12 48	15 27	15 29	17 58		n.a.
W10	16 2	27 42	4 7	14 0	3 39	4 55	8 15	27 32	3 47	20 47	0 32	12 2	2 18	12 0	0 44	5 29	2 1	0 15	12 48	15 25	15 28	18 1		n.a.
T 11	15 43	26 49	4 41	14 22	3 31	5 1	8 21	27 30	3 46	20 48	0 32	12 2	2 18	11 59	0 44	5 28	2 1	0 14	12 48	15 22	15 27	18 4		n.a.
F 12	15 25	24 16	4 58	14 45	3 22	5 8	8 26	27 28	3 44	20 50	0 32	12 2	2 18	11 58	0 44	5 28	2 1	0 14	12 47	15 18	15 26	18 7		n.a.
S 13	15 6	20 24	4 58	15 8	3 12	5 16	8 30	27 26	3 42	20 51	0 32	12 2	2 18	11 57	0 44	5 28	2 1	0 13	12 47	15 14	15 25	18 9		n.a.
S 14	14 47	15 33	4 41	15 31	3 0	5 25	8 33	27 25	3 40	20 52	0 32	12 2	2 18	11 56	0 44	5 27	2 1	0 13	12 47	15 10	15 24	18 12		n.a.
M15	14 28	10 5	4 10	15 53	2 48	5 35	8 35	27 23	3 39	20 54	0 32	12 2	2 19	11 54	0 44	5 27	2 1	0 12	12 46	15 7	15 23	18 15		n.a.
T 16	14 8	4 21	3 27	16 14	2 35	5 46	8 37	27 21	3 37	20 55	0 32	12 2	2 19	11 53	0 44	5 27	2 1	0 12	12 46	15 4	15 22	18 17		n.a.
W17	13 48	1n27	2 34	16 34	2 21	5 58	8 37	27 19	3 35	20 57	0 32	12 2	2 19	11 52	0 44	5 26	2 1	0 11	12 46	15 2	15 21	18 20		n.a.
T 18	13 28	7 4	1 36	16 53	2 7	6 10	8 37	27 18	3 33	20 58	0 32	12 2	2 19	11 51	0 44	5 26	2 1	0 11	12 46	15 0	15 20	18 23		n.a.
F 19	13 8	12 21	0 34	17 10	1 52	6 23	8 35	27 16	3 31	20 59	0 32	12 1	2 19	11 49	0 44	5 26	2 1	0 11	12 45	15 0	15 19	18 25		n.a.
S 20	12 48	17 8	0n29	17 26	1 38	6 37	8 32	27 14	3 30	21 0	0 32	12 1	2 20	11 48	0 44	5 25	2 2	0 10	12 45	15 0	15 18	18 28		n.a.
S 21	12 27	21 15	1 30	17 41	1 23	6 52	8 29	27 12	3 28	21 2	0 32	12 1	2 20	11 47	0 44	5 25	2 2	0 10	12 45	15 0	15 17	18 31		n.a.
M22	12 6	24 32	2 28	17 54	1 9	7 6	8 25	27 10	3 26	21 3	0 32	12 1	2 20	11 46	0 44	5 25	2 2	0 9	12 44	15 0	15 16	18 33		n.a.
T 23	11 45	26 46	3 20	18 6	0 55	7 21	8 20	27 9	3 24	21 4	0 32	12 0	2 20	11 44	0 44	5 24	2 2	0 9	12 44	14 59	15 15	18 36		n.a.
W24	11 24	27 46	4 4	18 15	0 41	7 37	8 14	27 7	3 22	21 5	0 32	12 0	2 20	11 43	0 44	5 24	2 2	0 8	12 44	14 58	15 14	18 39		n.a.
T 25	11 3	27 22	4 37	18 24	0 28	7 52	8 7	27 5	3 21	21 6	0 32	12 0	2 20	11 42	0 44	5 23	2 2	0 8	12 44	14 55	15 13	18 41		n.a.
F 26	10 42	25 32	4 58	18 30	0 14	8 7	8 0	27 3	3 19	21 7	0 32	12 0	2 21	11 41	0 44	5 23	2 2	0 7	12 43	14 53	15 12	18 44		n.a.
S 27	10 20	22 16	5 3	18 35	0 2	8 23	7 52	27 1	3 17	21 8	0 32	11 59	2 21	11 39	0 44	5 22	2 2	0 7	12 43	14 49	15 11	18 47		n.a.
S 28	9s58	17n44	4n51	18s38	0s11	8s38	7n43	26n59	3n15	21s 9	0n32	11s59	2n21	11s38	0s44	5s22	2n 2	0s 6	12s43	14n46	15n10	18n49		n.a.

Julian Day Number = 1596538.5, Delta T = 04h01m51s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'34, Lahiri = - 8°40'34 Julian Calendar 1 Feb. 342 BCE == Greg. Calendar 27 Jan. 342 BCE

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

MARCH 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 13 57	5♓30'22	9♍22	8♒44	16°R27	1♋ 4	6♐37	7°R31	1♓54	18°R14	0♉35	9°R 5	10♉28	20♉14	n.a.	M 1
T 2	10 17 53	6°29'23	23°29	9°25	16♒ 8	1°15	6°43	7♏30	1°58	18♎13	0°36	8♉57	10°25	20°21	n.a.	T 2
W 3	10 21 50	7°28'23	7♎46	10°10	15°51	1°26	6°48	7°29	2° 1	18°12	0°37	8°51	10°22	20°27	n.a.	W 3
T 4	10 25 46	8°27'20	22° 6	10°58	15°36	1°37	6°53	7°28	2° 5	18°11	0°38	8°47	10°19	20°34	n.a.	T 4
F 5	10 29 43	9°26'16	6♏26	11°50	15°24	1°50	6°58	7°27	2° 8	18° 9	0°39	8°D46	10°15	20°41	n.a.	F 5
S 6	10 33 40	10°25'10	20°43	12°45	15°15	2° 2	7° 2	7°26	2°11	18° 8	0°40	8°47	10°12	20°47	n.a.	S 6
S 7	10 37 36	11°24'02	4♐54	13°42	15° 8	2°15	7° 7	7°24	2°15	18° 7	0°40	8°R47	10° 9	20°54	n.a.	S 7
M 8	10 41 33	12°22'52	18°58	14°43	15° 3	2°29	7°11	7°23	2°18	18° 6	0°41	8°47	10° 6	21° 1	n.a.	M 8
T 9	10 45 29	13°21'41	2♑54	15°46	15°D 1	2°43	7°15	7°21	2°22	18° 5	0°42	8°45	10° 3	21° 7	n.a.	T 9
W10	10 49 26	14°20'28	16°41	16°52	15° 1	2°58	7°19	7°19	2°25	18° 3	0°43	8°42	9°59	21°14	n.a.	W10
T 11	10 53 22	15°19'13	0♒18	18° 0	15° 4	3°13	7°23	7°18	2°28	18° 2	0°44	8°35	9°56	21°21	n.a.	T 11
F 12	10 57 19	16°17'56	13°45	19°11	15° 9	3°29	7°26	7°16	2°32	18° 1	0°45	8°27	9°53	21°27	n.a.	F 12
S 13	11 1 15	17°16'37	26°59	20°23	15°16	3°45	7°30	7°14	2°35	17°59	0°46	8°18	9°50	21°34	n.a.	S 13
S 14	11 5 12	18°15'16	10♓ 0	21°39	15°25	4° 2	7°33	7°12	2°38	17°58	0°47	8° 9	9°47	21°41	n.a.	S 14
M15	11 9 9	19°13'53	22°46	22°56	15°37	4°18	7°36	7° 9	2°42	17°57	0°48	8° 1	9°44	21°47	n.a.	M15
T 16	11 13 5	20°12'28	5♈17	24°15	15°50	4°36	7°39	7° 7	2°45	17°55	0°50	7°55	9°40	21°54	n.a.	T 16
W17	11 17 2	21°11'01	17°34	25°36	16° 6	4°54	7°42	7° 5	2°48	17°54	0°51	7°51	9°37	22° 0	n.a.	W17
T 18	11 20 58	22° 9'31	29°39	26°59	16°24	5°12	7°44	7° 3	2°51	17°53	0°52	7°49	9°34	22° 7	n.a.	T 18
F 19	11 24 55	23° 8'00	11♉34	28°24	16°43	5°31	7°47	7° 0	2°55	17°51	0°53	7°D48	9°31	22°14	n.a.	F 19
S 20	11 28 51	24° 6'26	23°23	29°51	17° 4	5°50	7°49	6°57	2°58	17°50	0°54	7°49	9°28	22°20	n.a.	S 20
S 21	11 32 48	25° 4'51	5♊11	1♓20	17°27	6° 9	7°51	6°55	3° 1	17°48	0°55	7°51	9°25	22°27	n.a.	S 21
M22	11 36 44	26° 3'13	17° 2	2°51	17°52	6°29	7°52	6°52	3° 4	17°47	0°56	7°52	9°21	22°34	n.a.	M22
T 23	11 40 41	27° 1'33	29° 2	4°23	18°18	6°49	7°54	6°49	3° 8	17°45	0°57	7°R52	9°18	22°40	n.a.	T 23
W24	11 44 37	27°59'51	11♋15	5°57	18°46	7° 9	7°55	6°46	3°11	17°44	0°59	7°51	9°15	22°47	n.a.	W24
T 25	11 48 34	28°58'06	23°46	7°33	19°16	7°30	7°57	6°43	3°14	17°42	1° 0	7°49	9°12	22°54	n.a.	T 25
F 26	11 52 31	29°56'20	6♌39	9°11	19°47	7°51	7°58	6°40	3°17	17°41	1° 1	7°45	9° 9	23° 0	n.a.	F 26
S 27	11 56 27	0♈54'31	19°57	10°50	20°19	8°13	7°59	6°37	3°20	17°39	1° 2	7°39	9° 5	23° 7	n.a.	S 27
S 28	12 0 24	1°52'40	3♍40	12°32	20°53	8°35	7°59	6°34	3°23	17°38	1° 3	7°34	9° 2	23°14	n.a.	S 28
M29	12 4 20	2°50'47	17°46	14°15	21°28	8°57	8° 0	6°31	3°27	17°36	1° 4	7°28	8°59	23°20	n.a.	M29
T 30	12 8 17	3°48'53	2♎12	16° 0	22° 4	9°19	8° 0	6°28	3°30	17°35	1° 6	7°24	8°56	23°27	n.a.	T 30
W31	12 12 13	4♈46'56	16♎51	17♓46	22♒41	9♋42	8°R 0	6♏24	3♓33	17♎33	1♉ 7	7♉21	8♉53	23♉34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	9s36	12n12	4n22	18s40	0s22	8s53	7n34	26n58	3n14	21s10	0n32	11s58	2n21	11s37	0s44	5s22	2n 2	0s 5	12s43	14n42	15n 9	18n52			n.a.
T 2	9 14	5 56	3 37	18 40	0 34	9 8	7 24	26 56	3 12	21 11	0 32	11 58	2 21	11 36	0 44	5 21	2 2	0 5	12 42	14 40	15 8	18 55			n.a.
W 3	8 52	0s42	2 38	18 38	0 44	9 23	7 14	26 54	3 10	21 12	0 32	11 57	2 22	11 35	0 44	5 21	2 2	0 4	12 42	14 38	15 7	18 57			n.a.
T 4	8 30	7 21	1 28	18 34	0 55	9 37	7 4	26 52	3 8	21 13	0 32	11 57	2 22	11 33	0 44	5 20	2 2	0 4	12 42	14 36	15 6	19 0			n.a.
F 5	8 8	13 38	0 12	18 29	1 5	9 51	6 53	26 50	3 7	21 14	0 32	11 56	2 22	11 32	0 44	5 20	2 2	0 3	12 42	14 36	15 5	19 3			n.a.
S 6	7 45	19 11	1s 4	18 23	1 14	10 4	6 42	26 48	3 5	21 14	0 31	11 56	2 22	11 31	0 44	5 19	2 2	0 3	12 41	14 36	15 4	19 5			n.a.
S 7	7 23	23 36	2 15	18 14	1 23	10 17	6 30	26 46	3 3	21 15	0 31	11 55	2 22	11 30	0 44	5 19	2 2	0 2	12 41	14 36	15 3	19 8			n.a.
M 8	7 0	26 34	3 18	18 4	1 31	10 29	6 19	26 44	3 2	21 16	0 31	11 54	2 22	11 28	0 44	5 18	2 2	0 2	12 41	14 36	15 2	19 11			n.a.
T 9	6 37	27 51	4 9	17 52	1 38	10 41	6 7	26 42	3 0	21 17	0 31	11 54	2 23	11 27	0 44	5 18	2 2	0 1	12 41	14 36	15 1	19 13			n.a.
W10	6 14	27 23	4 44	17 39	1 46	10 52	5 56	26 40	2 58	21 17	0 31	11 53	2 23	11 26	0 44	5 17	2 2	0 1	12 41	14 35	15 0	19 16			n.a.
T 11	5 51	25 16	5 3	17 24	1 52	11 2	5 44	26 38	2 57	21 18	0 31	11 52	2 23	11 25	0 44	5 17	2 2	0 0	12 40	14 33	14 59	19 18			n.a.
F 12	5 28	21 46	5 5	17 8	1 58	11 12	5 32	26 36	2 55	21 19	0 31	11 51	2 23	11 23	0 44	5 16	2 2	0n 0	12 40	14 30	14 58	19 21			n.a.
S 13	5 5	17 12	4 50	16 50	2 4	11 22	5 20	26 34	2 53	21 19	0 31	11 51	2 23	11 22	0 44	5 16	2 2	0 1	12 40	14 27	14 57	19 24			n.a.
S 14	4 42	11 56	4 21	16 30	2 9	11 30	5 8	26 32	2 52	21 20	0 31	11 50	2 23	11 21	0 44	5 15	2 3	0 1	12 40	14 24	14 56	19 26			n.a.
M15	4 19	6 15	3 39	16 9	2 13	11 38	4 57	26 30	2 50	21 20	0 31	11 49	2 23	11 20	0 44	5 14	2 3	0 2	12 39	14 21	14 55	19 29			n.a.
T 16	3 56	0 25	2 46	15 46	2 17	11 45	4 45	26 28	2 48	21 21	0 31	11 48	2 24	11 19	0 44	5 14	2 3	0 3	12 39	14 19	14 54	19 31			n.a.
W17	3 32	5n20	1 47	15 21	2 21	11 52	4 33	26 26	2 47	21 21	0 31	11 47	2 24	11 17	0 44	5 13	2 3	0 3	12 39	14 18	14 53	19 34			n.a.
T 18	3 9	10 48	0 44	14 55	2 24	11 58	4 22	26 23	2 45	21 22	0 31	11 46	2 24	11 16	0 44	5 13	2 3	0 4	12 39	14 17	14 52	19 37			n.a.
F 19	2 46	15 49	0n20	14 27	2 26	12 3	4 10	26 21	2 44	21 22	0 31	11 45	2 24	11 15	0 44	5 12	2 3	0 4	12 39	14 17	14 50	19 39			n.a.
S 20	2 22	20 12	1 24	13 58	2 28	12 7	3 59	26 19	2 42	21 22	0 31	11 44	2 24	11 14	0 44	5 12	2 3	0 5	12 38	14 17	14 49	19 42			n.a.
S 21	1 59	23 47	2 23	13 27	2 29	12 11	3 48	26 16	2 41	21 23	0 31	11 43	2 24	11 13	0 44	5 11	2 3	0 5	12 38	14 18	14 48	19 44			n.a.
M22	1 35	26 22	3 17	12 55	2 30	12 14	3 36	26 14	2 39	21 23	0 31	11 42	2 24	11 12	0 44	5 10	2 3	0 6	12 38	14 18	14 47	19 47			n.a.
T 23	1 12	27 47	4 3	12 21	2 30	12 16	3 26	26 11	2 38	21 23	0 31	11 41	2 25	11 10	0 44	5 10	2 3	0 6	12 38	14 19	14 46	19 49			n.a.
W24	0 48	27 53	4 38	11 45	2 30	12 18	3 15	26 8	2 36	21 24	0 31	11 40	2 25	11 9	0 44	5 9	2 3	0 7	12 38	14 18	14 45	19 52			n.a.
T 25	0 25	26 34	5 2	11 8	2 29	12 19	3 4	26 6	2 35	21 24	0 31	11 39	2 25	11 8	0 45	5 9	2 3	0 8	12 38	14 17	14 44	19 54			n.a.
F 26	0 1	23 51	5 11	10 30	2 27	12 19	2 54	26 3	2 33	21 24	0 31	11 38	2 25	11 7	0 45	5 8	2 3	0 8	12 37	14 16	14 43	19 57			n.a.
S 27	0n22	19 48	5 4	9 50	2 26	12 19	2 43	26 0	2 32	21 24	0 31	11 37	2 25	11 6	0 45	5 7	2 3	0 9	12 37	14 14	14 42	20 0			n.a.
S 28	0 45	14 37	4 40	9 8	2 23	12 18	2 33	25 57	2 30	21 24	0 31	11 36	2 25	11 5	0 45	5 7	2 3	0 9	12 37	14 12	14 41	20 2			n.a.
M29	1 9	8 32	3 58	8 25	2 20	12 16	2 23	25 54	2 29	21 24	0 31	11 35	2 25	11 4	0 45	5 6	2 3	0 10	12 37	14 11	14 40	20 5			n.a.
T 30	1 32	1 52	3 0	7 41	2 16	12 14	2 14	25 51	2 27	21 25	0 31	11 33	2 25	11 3	0 45	5 6	2 3	0 10	12 37	14 9	14 39	20 7			n.a.
W31	1n55	5s 1	1n50	6s55	2s12	12s10	2n 4	25n48	2n26	21s25	0n31	11s32	2n25	11s 1	0s45	5s 5	2n 3	0n11	12s37	14n 8	14n38	20n10			n.a.

Julian Day Number = 1596566.5, Delta T = 04h01m50s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'31, Lahiri = - 8°40'30 Julian Calendar 1 March 342 BCE == Greg. Calendar 24 Feb. 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

APRIL 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 16 10	5♈44'58	1♏37	19♓35	23♒20	10♋ 5	8°R 0	6°R21	3♓36	17°R31	1♉ 8	7°D20	8♉50	23♉40	n.a.	T 1
F 2	12 20 6	6°42'58	16°22	21°25	24° 0	10°29	8♐ 0	6♏17	3°39	17♎30	1° 9	7♉20	8°46	23°47	n.a.	F 2
S 3	12 24 3	7°40'57	1♐ 0	23°17	24°40	10°52	7°59	6°14	3°42	17°28	1°11	7°21	8°43	23°54	n.a.	S 3
S 4	12 28 0	8°38'54	15°27	25°11	25°22	11°16	7°59	6°10	3°45	17°27	1°12	7°22	8°40	24° 0	n.a.	S 4
M 5	12 31 56	9°36'50	29°40	27° 6	26° 5	11°41	7°58	6° 7	3°48	17°25	1°13	7°24	8°37	24° 7	n.a.	M 5
T 6	12 35 53	10°34'45	13♑36	29° 3	26°49	12° 5	7°57	6° 3	3°50	17°23	1°15	7°R24	8°34	24°13	n.a.	T 6
W 7	12 39 49	11°32'38	27°15	1♈ 2	27°34	12°30	7°56	5°59	3°53	17°22	1°16	7°23	8°31	24°20	n.a.	W 7
T 8	12 43 46	12°30'30	10♒38	3° 3	28°19	12°55	7°54	5°55	3°56	17°20	1°17	7°21	8°27	24°27	n.a.	T 8
F 9	12 47 42	13°28'21	23°46	5° 6	29° 6	13°20	7°53	5°51	3°59	17°19	1°18	7°18	8°24	24°33	n.a.	F 9
S 10	12 51 39	14°26'10	6♓39	7°10	29°53	13°46	7°51	5°48	4° 2	17°17	1°20	7°15	8°21	24°40	n.a.	S 10
S 11	12 55 35	15°23'58	19°18	9°15	0♓41	14°11	7°49	5°44	4° 5	17°15	1°21	7°11	8°18	24°47	n.a.	S 11
M12	12 59 32	16°21'44	1♈45	11°22	1°29	14°37	7°47	5°40	4° 7	17°14	1°22	7° 8	8°15	24°53	n.a.	M12
T 13	13 3 29	17°19'29	14° 0	13°30	2°19	15° 4	7°44	5°36	4°10	17°12	1°24	7° 6	8°11	25° 0	n.a.	T 13
W14	13 7 25	18°17'12	26° 5	15°39	3° 9	15°30	7°42	5°31	4°13	17°10	1°25	7° 4	8° 8	25° 7	n.a.	W14
T 15	13 11 22	19°14'54	8♉ 3	17°49	4° 0	15°57	7°39	5°27	4°15	17° 9	1°26	7°D 4	8° 5	25°13	n.a.	T 15
F 16	13 15 18	20°12'34	19°54	19°59	4°51	16°24	7°36	5°23	4°18	17° 7	1°28	7° 4	8° 2	25°20	n.a.	F 16
S 17	13 19 15	21°10'13	1♊41	22°10	5°43	16°51	7°33	5°19	4°21	17° 6	1°29	7° 6	7°59	25°27	n.a.	S 17
S 18	13 23 11	22° 7'51	13°29	24°21	6°36	17°18	7°30	5°15	4°23	17° 4	1°30	7° 7	7°56	25°33	n.a.	S 18
M19	13 27 8	23° 5'27	25°21	26°32	7°29	17°46	7°27	5°11	4°26	17° 2	1°32	7° 8	7°52	25°40	n.a.	M19
T 20	13 31 4	24° 3'01	7♋20	28°43	8°23	18°14	7°23	5° 6	4°28	17° 1	1°33	7° 9	7°49	25°47	n.a.	T 20
W21	13 35 1	25° 0'34	19°33	0♉53	9°17	18°42	7°19	5° 2	4°31	16°59	1°34	7°R10	7°46	25°53	n.a.	W21
T 22	13 38 58	25°58'05	2♌ 2	3° 2	10°12	19°10	7°15	4°58	4°33	16°58	1°36	7°10	7°43	26° 0	n.a.	T 22
F 23	13 42 54	26°55'35	14°52	5°10	11° 7	19°38	7°11	4°53	4°35	16°56	1°37	7° 9	7°40	26° 7	n.a.	F 23
S 24	13 46 51	27°53'03	28° 6	7°16	12° 3	20° 7	7° 7	4°49	4°38	16°54	1°38	7° 8	7°36	26°13	n.a.	S 24
S 25	13 50 47	28°50'30	11♍47	9°21	12°59	20°36	7° 3	4°45	4°40	16°53	1°40	7° 7	7°33	26°20	n.a.	S 25
M26	13 54 44	29°47'55	25°55	11°24	13°56	21° 5	6°58	4°40	4°42	16°51	1°41	7° 6	7°30	26°27	n.a.	M26
T 27	13 58 40	0♉45'19	10♎26	13°24	14°53	21°34	6°53	4°36	4°45	16°50	1°43	7° 6	7°27	26°33	n.a.	T 27
W28	14 2 37	1°42'42	25°17	15°23	15°51	22° 3	6°48	4°32	4°47	16°48	1°44	7° 5	7°24	26°40	n.a.	W28
T 29	14 6 33	2°40'04	10♏19	17°19	16°48	22°33	6°43	4°27	4°49	16°47	1°45	7°D 5	7°21	26°46	n.a.	T 29
F 30	14 10 30	3♉37'25	25♏24	19♉13	17♓47	23♋ 2	6♐38	4♏23	4♓51	16♎45	1♉47	7♉ 5	7♉17	26♉53	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n19	11s42	0n31	6s 8	2s 8	12s 7	1n55	25n45	2n25	21s25	0n31	11s31	2n26	11s 0	0s45	5s 4	2n 3	0n12	12s36	14n 8	14n37	20n12		n.a.
F 2	2 42	17 44	0s49	5 19	2 2	12 2	1 45	25 42	2 23	21 25	0 31	11 30	2 26	10 59	0 45	5 4	2 3	0 12	12 36	14 8	14 36	20 15		n.a.
S 3	3 5	22 40	2 6	4 29	1 57	11 57	1 36	25 39	2 22	21 25	0 31	11 29	2 26	10 58	0 45	5 3	2 3	0 13	12 36	14 8	14 35	20 17		n.a.
S 4	3 28	26 9	3 14	3 38	1 50	11 51	1 27	25 35	2 20	21 25	0 31	11 27	2 26	10 57	0 45	5 2	2 3	0 13	12 36	14 9	14 34	20 20		n.a.
M 5	3 51	27 53	4 9	2 45	1 44	11 45	1 19	25 32	2 19	21 24	0 31	11 26	2 26	10 56	0 45	5 2	2 3	0 14	12 36	14 9	14 33	20 22		n.a.
T 6	4 14	27 48	4 48	1 51	1 36	11 38	1 10	25 28	2 18	21 24	0 31	11 25	2 26	10 55	0 45	5 1	2 3	0 14	12 36	14 9	14 32	20 25		n.a.
W 7	4 37	26 1	5 9	0 56	1 29	11 30	1 2	25 24	2 16	21 24	0 30	11 23	2 26	10 54	0 45	5 1	2 3	0 15	12 36	14 9	14 31	20 27		n.a.
T 8	5 0	22 48	5 14	0n 0	1 20	11 22	0 54	25 21	2 15	21 24	0 30	11 22	2 26	10 53	0 45	5 0	2 3	0 15	12 35	14 8	14 30	20 30		n.a.
F 9	5 23	18 30	5 1	0 57	1 12	11 13	0 46	25 17	2 14	21 24	0 30	11 21	2 26	10 52	0 45	4 59	2 3	0 16	12 35	14 7	14 29	20 32		n.a.
S 10	5 46	13 25	4 34	1 55	1 3	11 4	0 38	25 13	2 12	21 24	0 30	11 19	2 26	10 51	0 45	4 59	2 3	0 16	12 35	14 6	14 28	20 35		n.a.
S 11	6 8	7 51	3 54	2 54	0 53	10 54	0 31	25 9	2 11	21 23	0 30	11 18	2 26	10 50	0 45	4 58	2 3	0 17	12 35	14 5	14 27	20 37		n.a.
M12	6 31	2 5	3 3	3 53	0 44	10 43	0 23	25 4	2 10	21 23	0 30	11 17	2 26	10 49	0 45	4 57	2 3	0 18	12 35	14 4	14 26	20 40		n.a.
T 13	6 53	3n41	2 4	4 53	0 34	10 32	0 16	25 0	2 9	21 23	0 30	11 15	2 26	10 48	0 45	4 57	2 3	0 18	12 35	14 3	14 25	20 42		n.a.
W14	7 15	9 16	1 0	5 52	0 23	10 20	0 9	24 56	2 7	21 22	0 30	11 14	2 26	10 47	0 45	4 56	2 3	0 19	12 35	14 3	14 24	20 44		n.a.
T 15	7 38	14 27	0n 5	6 53	0 13	10 8	0 2	24 51	2 6	21 22	0 30	11 12	2 26	10 46	0 45	4 55	2 3	0 19	12 35	14 3	14 23	20 47		n.a.
F 16	8 0	19 4	1 10	7 52	0 2	9 55	0s 5	24 47	2 5	21 21	0 30	11 11	2 26	10 45	0 45	4 55	2 3	0 20	12 35	14 3	14 22	20 49		n.a.
S 17	8 22	22 55	2 12	8 52	0n 8	9 42	0 11	24 42	2 3	21 21	0 30	11 10	2 26	10 44	0 45	4 54	2 3	0 20	12 35	14 3	14 21	20 52		n.a.
S 18	8 43	25 49	3 8	9 51	0 19	9 28	0 17	24 37	2 2	21 21	0 30	11 8	2 26	10 43	0 45	4 54	2 3	0 21	12 34	14 4	14 20	20 54		n.a.
M19	9 5	27 36	3 57	10 49	0 29	9 14	0 24	24 33	2 1	21 20	0 30	11 7	2 26	10 42	0 45	4 53	2 3	0 21	12 34	14 4	14 19	20 57		n.a.
T 20	9 27	28 7	4 35	11 46	0 40	8 59	0 30	24 28	2 0	21 20	0 30	11 5	2 26	10 41	0 45	4 52	2 3	0 22	12 34	14 4	14 17	20 59		n.a.
W21	9 48	27 17	5 2	12 42	0 50	8 44	0 35	24 22	1 59	21 19	0 30	11 4	2 26	10 40	0 45	4 52	2 3	0 22	12 34	14 4	14 16	21 2		n.a.
T 22	10 9	25 5	5 16	13 36	0 59	8 28	0 41	24 17	1 57	21 18	0 30	11 2	2 26	10 40	0 45	4 51	2 3	0 23	12 34	14 4	14 15	21 4		n.a.
F 23	10 30	21 34	5 14	14 29	1 9	8 12	0 46	24 12	1 56	21 18	0 30	11 1	2 26	10 39	0 45	4 51	2 3	0 23	12 34	14 4	14 14	21 6		n.a.
S 24	10 51	16 54	4 56	15 20	1 18	7 55	0 52	24 6	1 55	21 17	0 29	10 59	2 26	10 38	0 45	4 50	2 3	0 24	12 34	14 4	14 13	21 9		n.a.
S 25	11 12	11 14	4 21	16 9	1 26	7 38	0 57	24 1	1 54	21 16	0 29	10 58	2 26	10 37	0 45	4 49	2 3	0 24	12 34	14 4	14 12	21 11		n.a.
M26	11 32	4 50	3 29	16 55	1 34	7 21	1 2	23 55	1 53	21 16	0 29	10 57	2 26	10 36	0 45	4 49	2 3	0 25	12 34	14 3	14 11	21 14		n.a.
T 27	11 53	2s 0	2 23	17 40	1 41	7 3	1 7	23 49	1 52	21 15	0 29	10 55	2 26	10 35	0 45	4 48	2 3	0 25	12 34	14 3	14 10	21 16		n.a.
W28	12 13	8 53	1 5	18 22	1 48	6 45	1 11	23 43	1 50	21 14	0 29	10 54	2 26	10 35	0 45	4 48	2 3	0 26	12 34	14 3	14 9	21 18		n.a.
T 29	12 33	15 23	0s18	19 2	1 54	6 26	1 16	23 37	1 49	21 14	0 29	10 52	2 26	10 34	0 45	4 47	2 3	0 26	12 34	14 3	14 8	21 21		n.a.
F 30	12n53	20s58	1s40	19n39	1n59	6s 7	1s20	23n31	1n48	21s13	0n29	10s51	2n26	10s33	0s45	4s46	2n 3	0n27	12s34	14n 3	14n 7	21n23		n.a.

Julian Day Number = 1596597.5, Delta T = 04h01m48s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'26, Lahiri = - 8°40'26 Julian Calendar 1 Apr. 342 BCE == Greg. Calendar 27 March 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

MAY 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 14 27	4♉34'45	10♐24	21♉ 4	18♓45	23♋32	6°R33	4°R18	4♓53	16°R43	1♉48	7♉ 6	7♉14	27♉ 0	n.a.	S 1
S 2	14 18 23	5°32'04	25°11	22°53	19°45	24° 2	6♐28	4♏14	4°55	16♎42	1°49	7° 6	7°11	27° 6	n.a.	S 2
M 3	14 22 20	6°29'23	9♑39	24°39	20°44	24°32	6°22	4°10	4°57	16°40	1°51	7° 6	7° 8	27°13	n.a.	M 3
T 4	14 26 16	7°26'41	23°44	26°22	21°44	25° 3	6°16	4° 5	4°59	16°39	1°52	7°R 6	7° 5	27°20	n.a.	T 4
W 5	14 30 13	8°23'58	7♒26	28° 3	22°44	25°33	6°10	4° 1	5° 1	16°37	1°53	7°D 6	7° 2	27°26	n.a.	W 5
T 6	14 34 9	9°21'15	20°45	29°41	23°44	26° 4	6° 4	3°56	5° 3	16°36	1°55	7° 6	6°58	27°33	n.a.	T 6
F 7	14 38 6	10°18'31	3♓43	1♊16	24°45	26°35	5°58	3°52	5° 5	16°34	1°56	7° 6	6°55	27°40	n.a.	F 7
S 8	14 42 2	11°15'47	16°23	2°48	25°46	27° 6	5°52	3°48	5° 7	16°33	1°58	7° 7	6°52	27°46	n.a.	S 8
S 9	14 45 59	12°13'02	28°47	4°18	26°47	27°37	5°46	3°43	5° 9	16°32	1°59	7° 7	6°49	27°53	n.a.	S 9
M10	14 49 56	13°10'16	10♈59	5°44	27°49	28° 8	5°39	3°39	5°10	16°30	2° 0	7° 8	6°46	28° 0	n.a.	M10
T 11	14 53 52	14° 7'30	23° 1	7° 8	28°51	28°39	5°33	3°35	5°12	16°29	2° 2	7° 8	6°42	28° 6	n.a.	T 11
W12	14 57 49	15° 4'44	4♉57	8°29	29°53	29°11	5°26	3°30	5°14	16°27	2° 3	7°R 8	6°39	28°13	n.a.	W12
T 13	15 1 45	16° 1'57	16°47	9°47	0♈55	29°43	5°19	3°26	5°15	16°26	2° 4	7° 8	6°36	28°20	n.a.	T 13
F 14	15 5 42	16°59'09	28°35	11° 2	1°58	0♌15	5°12	3°22	5°17	16°25	2° 6	7° 8	6°33	28°26	n.a.	F 14
S 15	15 9 38	17°56'21	10♊23	12°14	3° 1	0°47	5° 5	3°18	5°19	16°23	2° 7	7° 6	6°30	28°33	n.a.	S 15
S 16	15 13 35	18°53'32	22°13	13°23	4° 4	1°19	4°58	3°14	5°20	16°22	2° 8	7° 5	6°27	28°40	n.a.	S 16
M17	15 17 31	19°50'42	4♋ 8	14°29	5° 7	1°51	4°51	3° 9	5°21	16°21	2°10	7° 3	6°23	28°46	n.a.	M17
T 18	15 21 28	20°47'52	16°10	15°31	6°11	2°23	4°44	3° 5	5°23	16°19	2°11	7° 1	6°20	28°53	n.a.	T 18
W19	15 25 25	21°45'02	28°24	16°31	7°15	2°56	4°37	3° 1	5°24	16°18	2°12	7° 0	6°17	29° 0	n.a.	W19
T 20	15 29 21	22°42'10	10♌53	17°26	8°19	3°29	4°29	2°57	5°26	16°17	2°13	6°59	6°14	29° 6	n.a.	T 20
F 21	15 33 18	23°39'18	23°40	18°19	9°23	4° 1	4°22	2°53	5°27	16°16	2°15	6°D58	6°11	29°13	n.a.	F 21
S 22	15 37 14	24°36'25	6♍49	19° 7	10°27	4°34	4°15	2°49	5°28	16°15	2°16	6°59	6° 8	29°20	n.a.	S 22
S 23	15 41 11	25°33'32	20°22	19°52	11°32	5° 7	4° 7	2°45	5°29	16°13	2°17	7° 0	6° 4	29°26	n.a.	S 23
M24	15 45 7	26°30'38	4♎21	20°33	12°37	5°41	4° 0	2°42	5°30	16°12	2°19	7° 1	6° 1	29°33	n.a.	M24
T 25	15 49 4	27°27'44	18°46	21°10	13°42	6°14	3°52	2°38	5°31	16°11	2°20	7° 2	5°58	29°40	n.a.	T 25
W26	15 53 0	28°24'49	3♏34	21°44	14°47	6°47	3°44	2°34	5°32	16°10	2°21	7°R 3	5°55	29°46	n.a.	W26
T 27	15 56 57	29°21'54	18°38	22°13	15°52	7°21	3°37	2°30	5°33	16° 9	2°22	7° 2	5°52	29°53	n.a.	T 27
F 28	16 0 54	0♊18'59	3♐51	22°37	16°58	7°54	3°29	2°27	5°34	16° 8	2°24	7° 1	5°48	29°59	n.a.	F 28
S 29	16 4 50	1°16'04	19° 3	22°58	18° 3	8°28	3°22	2°23	5°35	16° 7	2°25	6°59	5°45	0♊ 6	n.a.	S 29
S 30	16 8 47	2°13'09	4♑ 4	23°13	19° 9	9° 2	3°14	2°20	5°36	16° 6	2°26	6°55	5°42	0°13	n.a.	S 30
M31	16 12 43	3♊10'14	18♑46	23♊25	20♈15	9♌36	3♐ 6	2♏16	5♓37	16♎ 5	2♉27	6♉52	5♉39	0♊20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n12	25s10	2s55	20n14	2n 4	5s48	1s25	23n25	1n47	21s12	0n29	10s49	2n26	10s32	0s45	4s46	2n 3	0n27	12s34	14n 3	14n 6	21n26		n.a.
S 2	13 32	27 35	3 57	20 46	2 7	5 28	1 29	23 18	1 46	21 11	0 29	10 48	2 26	10 32	0 45	4 45	2 3	0 28	12 34	14 3	14 5	21 28		n.a.
M 3	13 51	28 4	4 42	21 16	2 11	5 8	1 32	23 12	1 45	21 10	0 29	10 46	2 26	10 31	0 45	4 45	2 3	0 28	12 34	14 3	14 4	21 30		n.a.
T 4	14 10	26 42	5 9	21 44	2 13	4 47	1 36	23 5	1 44	21 9	0 29	10 45	2 26	10 30	0 45	4 44	2 3	0 29	12 34	14 3	14 3	21 33		n.a.
W 5	14 29	23 45	5 18	22 9	2 15	4 27	1 40	22 58	1 43	21 8	0 29	10 44	2 26	10 30	0 46	4 44	2 3	0 29	12 34	14 3	14 2	21 35		n.a.
T 6	14 47	19 37	5 9	22 32	2 15	4 6	1 43	22 52	1 41	21 7	0 28	10 42	2 26	10 29	0 46	4 43	2 3	0 30	12 34	14 3	14 1	21 37		n.a.
F 7	15 6	14 40	4 44	22 53	2 16	3 44	1 47	22 45	1 40	21 6	0 28	10 41	2 26	10 28	0 46	4 43	2 3	0 30	12 34	14 3	14 0	21 40		n.a.
S 8	15 24	9 13	4 6	23 11	2 15	3 23	1 50	22 37	1 39	21 5	0 28	10 39	2 26	10 28	0 46	4 42	2 3	0 30	12 34	14 3	13 59	21 42		n.a.
S 9	15 42	3 30	3 17	23 27	2 14	3 1	1 53	22 30	1 38	21 4	0 28	10 38	2 26	10 27	0 46	4 41	2 3	0 31	12 34	14 4	13 58	21 44		n.a.
M10	15 59	2n15	2 20	23 41	2 11	2 38	1 56	22 23	1 37	21 3	0 28	10 36	2 26	10 26	0 46	4 41	2 3	0 31	12 34	14 4	13 56	21 47		n.a.
T 11	16 17	7 52	1 18	23 53	2 9	2 16	1 58	22 15	1 36	21 2	0 28	10 35	2 26	10 26	0 46	4 40	2 3	0 32	12 34	14 4	13 55	21 49		n.a.
W12	16 34	13 8	0 12	24 3	2 5	1 53	2 1	22 8	1 35	21 1	0 28	10 34	2 25	10 25	0 46	4 40	2 3	0 32	12 34	14 4	13 54	21 51		n.a.
T 13	16 51	17 55	0n53	24 11	2 1	1 31	2 3	22 0	1 34	21 0	0 28	10 32	2 25	10 25	0 46	4 39	2 3	0 33	12 34	14 4	13 53	21 54		n.a.
F 14	17 7	21 59	1 56	24 17	1 56	1 7	2 6	21 52	1 33	20 59	0 28	10 31	2 25	10 24	0 46	4 39	2 3	0 33	12 34	14 4	13 52	21 56		n.a.
S 15	17 23	25 9	2 54	24 21	1 50	0 44	2 8	21 44	1 32	20 58	0 27	10 30	2 25	10 23	0 46	4 38	2 3	0 33	12 34	14 3	13 51	21 58		n.a.
S 16	17 39	27 15	3 45	24 24	1 43	0 21	2 10	21 36	1 31	20 57	0 27	10 28	2 25	10 23	0 46	4 38	2 2	0 34	12 34	14 3	13 50	22 1		n.a.
M17	17 55	28 6	4 26	24 25	1 36	0n 3	2 12	21 27	1 30	20 55	0 27	10 27	2 25	10 22	0 46	4 37	2 2	0 34	12 34	14 2	13 49	22 3		n.a.
T 18	18 11	27 38	4 56	24 24	1 28	0 27	2 13	21 19	1 29	20 54	0 27	10 26	2 25	10 22	0 46	4 37	2 2	0 35	12 34	14 2	13 48	22 5		n.a.
W19	18 26	25 50	5 13	24 22	1 20	0 51	2 15	21 10	1 28	20 53	0 27	10 24	2 25	10 21	0 46	4 37	2 2	0 35	12 34	14 1	13 47	22 8		n.a.
T 20	18 41	22 46	5 15	24 18	1 10	1 15	2 17	21 2	1 27	20 52	0 27	10 23	2 25	10 21	0 46	4 36	2 2	0 35	12 34	14 1	13 46	22 10		n.a.
F 21	18 55	18 33	5 3	24 13	1 0	1 39	2 18	20 53	1 26	20 51	0 27	10 22	2 24	10 21	0 46	4 36	2 2	0 36	12 34	14 1	13 45	22 12		n.a.
S 22	19 9	13 21	4 34	24 7	0 50	2 4	2 19	20 44	1 25	20 49	0 27	10 21	2 24	10 20	0 46	4 35	2 2	0 36	12 34	14 1	13 44	22 14		n.a.
S 23	19 23	7 23	3 50	23 59	0 39	2 28	2 20	20 35	1 24	20 48	0 26	10 20	2 24	10 20	0 46	4 35	2 2	0 37	12 34	14 1	13 43	22 17		n.a.
M24	19 37	0 51	2 51	23 51	0 27	2 53	2 21	20 25	1 23	20 47	0 26	10 18	2 24	10 19	0 46	4 34	2 2	0 37	12 34	14 2	13 42	22 19		n.a.
T 25	19 50	5s55	1 39	23 41	0 14	3 17	2 22	20 16	1 22	20 45	0 26	10 17	2 24	10 19	0 46	4 34	2 2	0 37	12 35	14 2	13 41	22 21		n.a.
W26	20 3	12 34	0 19	23 30	0 1	3 42	2 23	20 7	1 21	20 44	0 26	10 16	2 24	10 19	0 46	4 34	2 2	0 38	12 35	14 2	13 39	22 23		n.a.
T 27	20 16	18 36	1s 3	23 18	0s12	4 7	2 24	19 57	1 20	20 43	0 26	10 15	2 24	10 18	0 46	4 33	2 2	0 38	12 35	14 2	13 38	22 26		n.a.
F 28	20 28	23 31	2 22	23 6	0 26	4 32	2 24	19 47	1 19	20 42	0 26	10 14	2 23	10 18	0 46	4 33	2 2	0 38	12 35	14 2	13 37	22 28		n.a.
S 29	20 40	26 47	3 31	22 52	0 41	4 57	2 25	19 37	1 18	20 40	0 26	10 13	2 23	10 18	0 46	4 33	2 2	0 39	12 35	14 1	13 36	22 30		n.a.
S 30	20 52	28 4	4 24	22 38	0 55	5 22	2 25	19 27	1 17	20 39	0 25	10 12	2 23	10 17	0 46	4 32	2 2	0 39	12 35	14 0	13 35	22 32		n.a.
M31	21n 3	27s20	4s59	22n24	1s11	5n46	2s25	19n17	1n16	20s38	0n25	10s11	2n23	10s17	0s46	4s32	2n 2	0n39	12s35	13n59	13n34	22n35		n.a.

Julian Day Number = 1596627.5, Delta T = 04h01m47s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'22, Lahiri = - 8°40'22 Julian Calendar 1 May 342 BCE == Greg. Calendar 26 Apr. 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

JUNE 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 16 40	4♊ 7'19	3♒ 4	23♊31	21♈21	10♌10	2°R59	2°R13	5♓38	16°R 4	2♉28	6°R49	5♉36	0♊26	n.a.	T 1
W 2	16 20 36	5° 4'25	16°53	23°R33	22°27	10°44	2♐51	2♏ 9	5°38	16♎ 3	2°30	6♉47	5°33	0°33	n.a.	W 2
T 3	16 24 33	6° 1'31	0♓16	23°31	23°34	11°19	2°43	2° 6	5°39	16° 2	2°31	6°D45	5°29	0°39	n.a.	T 3
F 4	16 28 30	6°58'37	13°12	23°24	24°41	11°53	2°36	2° 3	5°40	16° 1	2°32	6°45	5°26	0°46	n.a.	F 4
S 5	16 32 26	7°55'43	25°47	23°12	25°47	12°28	2°28	2° 0	5°40	16° 0	2°33	6°46	5°23	0°53	n.a.	S 5
S 6	16 36 23	8°52'50	8♈ 4	22°56	26°54	13° 2	2°20	1°57	5°41	15°59	2°34	6°48	5°20	0°59	n.a.	S 6
M 7	16 40 19	9°49'58	20° 8	22°35	28° 1	13°37	2°13	1°54	5°41	15°59	2°35	6°50	5°17	1° 6	n.a.	M 7
T 8	16 44 16	10°47'06	2♉ 2	22°11	29° 8	14°12	2° 5	1°51	5°42	15°58	2°36	6°R51	5°14	1°13	n.a.	T 8
W 9	16 48 12	11°44'14	13°51	21°43	0♉16	14°47	1°58	1°48	5°42	15°57	2°38	6°51	5°10	1°19	n.a.	W 9
T 10	16 52 9	12°41'23	25°39	21°11	1°23	15°22	1°50	1°45	5°42	15°56	2°39	6°49	5° 7	1°26	n.a.	T 10
F 11	16 56 5	13°38'33	7♊27	20°37	2°31	15°57	1°43	1°42	5°42	15°56	2°40	6°45	5° 4	1°33	n.a.	F 11
S 12	17 0 2	14°35'42	19°17	20° 1	3°38	16°32	1°35	1°40	5°43	15°55	2°41	6°40	5° 1	1°39	n.a.	S 12
S 13	17 3 59	15°32'53	1♋13	19°23	4°46	17° 8	1°28	1°37	5°43	15°54	2°42	6°34	4°58	1°46	n.a.	S 13
M14	17 7 55	16°30'03	13°16	18°43	5°54	17°43	1°21	1°34	5°43	15°54	2°43	6°27	4°54	1°53	n.a.	M14
T 15	17 11 52	17°27'14	25°26	18° 4	7° 2	18°19	1°14	1°32	5°43	15°53	2°44	6°20	4°51	1°59	n.a.	T 15
W16	17 15 48	18°24'25	7♌48	17°24	8°10	18°55	1° 7	1°30	5°R43	15°53	2°45	6°13	4°48	2° 6	n.a.	W16
T 17	17 19 45	19°21'37	20°21	16°45	9°19	19°30	1° 0	1°28	5°43	15°52	2°46	6° 8	4°45	2°13	n.a.	T 17
F 18	17 23 41	20°18'49	3♍10	16° 8	10°27	20° 6	0°53	1°25	5°43	15°52	2°47	6° 5	4°42	2°19	n.a.	F 18
S 19	17 27 38	21°16'01	16°16	15°34	11°36	20°42	0°46	1°23	5°43	15°51	2°48	6°D 3	4°39	2°26	n.a.	S 19
S 20	17 31 35	22°13'14	29°43	15° 2	12°44	21°18	0°39	1°21	5°43	15°51	2°49	6° 3	4°35	2°33	n.a.	S 20
M21	17 35 31	23°10'26	13♎32	14°33	13°53	21°55	0°33	1°19	5°42	15°50	2°50	6° 4	4°32	2°39	n.a.	M21
T 22	17 39 28	24° 7'40	27°44	14° 9	15° 2	22°31	0°26	1°18	5°42	15°50	2°51	6° 5	4°29	2°46	n.a.	T 22
W23	17 43 24	25° 4'53	12♏18	13°50	16°11	23° 7	0°20	1°16	5°42	15°50	2°52	6°R 6	4°26	2°53	n.a.	W23
T 24	17 47 21	26° 2'08	27°11	13°35	17°20	23°44	0°14	1°14	5°42	15°49	2°52	6° 4	4°23	2°59	n.a.	T 24
F 25	17 51 17	26°59'23	12♐16	13°25	18°29	24°20	0° 8	1°13	5°41	15°49	2°53	6° 0	4°20	3° 6	n.a.	F 25
S 26	17 55 14	27°56'39	27°25	13°D22	19°38	24°57	0° 2	1°11	5°41	15°49	2°54	5°54	4°16	3°13	n.a.	S 26
S 27	17 59 10	28°53'56	12♑28	13°24	20°47	25°34	29♏56	1°10	5°40	15°49	2°55	5°47	4°13	3°19	n.a.	S 27
M28	18 3 7	29°51'14	27°15	13°32	21°57	26°10	29°50	1° 8	5°40	15°48	2°56	5°39	4°10	3°26	n.a.	M28
T 29	18 7 4	0♋48'32	11♒39	13°46	23° 6	26°47	29°44	1° 7	5°39	15°48	2°57	5°31	4° 7	3°33	n.a.	T 29
W30	18 11 0	1♋45'52	25♒35	14♊ 6	24♉16	27♌24	29♏39	1♏ 6	5♓38	15♎48	2♉57	5♉24	4♉ 4	3♊39	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n14	24s47	5s13	22n 9	1s26	6n11	2s25	19n 7	1n15	20s36	0n25	10s10	2n23	10s17	0s47	4s32	2n 2	0n39	12s35	13n58	13n33	22n37		n.a.
W 2	21 25	20 52	5 9	21 53	1 42	6 36	2 25	18 57	1 14	20 35	0 25	10 9	2 23	10 17	0 47	4 31	2 2	0 40	12 35	13 57	13 32	22 39		n.a.
T 3	21 35	16 0	4 48	21 37	1 57	7 1	2 25	18 46	1 13	20 33	0 25	10 8	2 22	10 16	0 47	4 31	2 2	0 40	12 35	13 56	13 31	22 41		n.a.
F 4	21 45	10 34	4 13	21 21	2 13	7 26	2 25	18 36	1 12	20 32	0 25	10 7	2 22	10 16	0 47	4 31	2 2	0 40	12 35	13 56	13 30	22 43		n.a.
S 5	21 54	4 51	3 26	21 5	2 29	7 51	2 24	18 25	1 11	20 31	0 25	10 6	2 22	10 16	0 47	4 30	2 2	0 41	12 36	13 57	13 29	22 46		n.a.
S 6	22 3	0n56	2 31	20 49	2 44	8 16	2 24	18 14	1 10	20 29	0 24	10 5	2 22	10 16	0 47	4 30	2 1	0 41	12 36	13 57	13 28	22 48		n.a.
M 7	22 12	6 34	1 30	20 33	2 59	8 40	2 23	18 3	1 9	20 28	0 24	10 4	2 22	10 16	0 47	4 30	2 1	0 41	12 36	13 58	13 27	22 50		n.a.
T 8	22 21	11 55	0 26	20 17	3 13	9 5	2 23	17 52	1 8	20 27	0 24	10 3	2 21	10 16	0 47	4 30	2 1	0 41	12 36	13 58	13 26	22 52		n.a.
W 9	22 29	16 48	0n38	20 2	3 27	9 30	2 22	17 41	1 7	20 25	0 24	10 2	2 21	10 16	0 47	4 29	2 1	0 42	12 36	13 58	13 25	22 54		n.a.
T 10	22 36	21 2	1 41	19 47	3 40	9 54	2 21	17 29	1 7	20 24	0 24	10 2	2 21	10 16	0 47	4 29	2 1	0 42	12 36	13 58	13 23	22 57		n.a.
F 11	22 43	24 26	2 39	19 33	3 52	10 18	2 20	17 18	1 6	20 23	0 24	10 1	2 21	10 15	0 47	4 29	2 1	0 42	12 36	13 56	13 22	22 59		n.a.
S 12	22 50	26 48	3 30	19 19	4 3	10 42	2 19	17 6	1 5	20 21	0 23	10 0	2 21	10 15	0 47	4 29	2 1	0 42	12 37	13 55	13 21	23 1		n.a.
S 13	22 57	27 57	4 13	19 7	4 12	11 6	2 18	16 54	1 4	20 20	0 23	10 0	2 20	10 15	0 47	4 29	2 1	0 42	12 37	13 53	13 20	23 3		n.a.
M14	23 3	27 47	4 45	18 56	4 21	11 30	2 17	16 43	1 3	20 19	0 23	9 59	2 20	10 15	0 47	4 28	2 1	0 43	12 37	13 50	13 19	23 5		n.a.
T 15	23 8	26 17	5 4	18 45	4 27	11 54	2 16	16 31	1 2	20 17	0 23	9 58	2 20	10 15	0 47	4 28	2 1	0 43	12 37	13 48	13 18	23 7		n.a.
W16	23 14	23 31	5 9	18 37	4 33	12 17	2 14	16 19	1 1	20 16	0 23	9 58	2 20	10 15	0 47	4 28	2 1	0 43	12 37	13 46	13 17	23 9		n.a.
T 17	23 18	19 37	5 0	18 29	4 36	12 41	2 13	16 6	1 0	20 15	0 23	9 57	2 19	10 15	0 47	4 28	2 1	0 43	12 37	13 44	13 16	23 12		n.a.
F 18	23 23	14 44	4 36	18 24	4 38	13 4	2 11	15 54	0 59	20 14	0 22	9 57	2 19	10 16	0 47	4 28	2 1	0 43	12 37	13 43	13 15	23 14		n.a.
S 19	23 27	9 6	3 57	18 20	4 38	13 27	2 10	15 42	0 58	20 12	0 22	9 56	2 19	10 16	0 47	4 28	2 1	0 44	12 38	13 42	13 14	23 16		n.a.
S 20	23 30	2 55	3 4	18 18	4 37	13 49	2 8	15 29	0 58	20 11	0 22	9 56	2 19	10 16	0 47	4 27	2 1	0 44	12 38	13 42	13 13	23 18		n.a.
M21	23 34	3s35	1 59	18 18	4 34	14 12	2 6	15 16	0 57	20 10	0 22	9 55	2 19	10 16	0 47	4 27	2 1	0 44	12 38	13 43	13 12	23 20		n.a.
T 22	23 36	10 6	0 45	18 19	4 30	14 34	2 4	15 3	0 56	20 9	0 22	9 55	2 18	10 16	0 47	4 27	2 1	0 44	12 38	13 43	13 10	23 22		n.a.
W23	23 39	16 15	0s33	18 23	4 24	14 56	2 3	14 51	0 55	20 7	0 21	9 54	2 18	10 16	0 47	4 27	2 0	0 44	12 38	13 43	13 9	23 24		n.a.
T 24	23 41	21 34	1 51	18 28	4 17	15 17	2 1	14 38	0 54	20 6	0 21	9 54	2 18	10 16	0 47	4 27	2 0	0 44	12 38	13 43	13 8	23 26		n.a.
F 25	23 42	25 33	3 2	18 36	4 8	15 39	1 59	14 24	0 53	20 5	0 21	9 54	2 18	10 16	0 47	4 27	2 0	0 44	12 39	13 41	13 7	23 28		n.a.
S 26	23 43	27 43	4 0	18 45	3 58	16 0	1 57	14 11	0 52	20 4	0 21	9 53	2 17	10 17	0 47	4 27	2 0	0 45	12 39	13 39	13 6	23 30		n.a.
S 27	23 44	27 49	4 41	18 56	3 48	16 20	1 54	13 58	0 51	20 3	0 21	9 53	2 17	10 17	0 48	4 27	2 0	0 45	12 39	13 37	13 5	23 33		n.a.
M28	23 44	25 55	5 3	19 8	3 36	16 41	1 52	13 44	0 50	20 2	0 21	9 53	2 17	10 17	0 48	4 27	2 0	0 45	12 39	13 34	13 4	23 35		n.a.
T 29	23 44	22 22	5 4	19 22	3 24	17 1	1 50	13 31	0 50	20 1	0 20	9 53	2 17	10 17	0 48	4 27	2 0	0 45	12 39	13 31	13 3	23 37		n.a.
W30	23n44	17s39	4s47	19n38	3s10	17n20	1s48	13n17	0n49	20s 0	0n20	9s53	2n16	10s18	0s48	4s27	2n 0	0n45	12s40	13n29	13n 2	23n39		n.a.

Julian Day Number = 1596658.5, Delta T = 04h01m46s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'18, Lahiri = - 8°40'18 Julian Calendar 1 June 342 BCE == Greg. Calendar 27 May 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

JULY 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 14 57	2♋43'13	9♓ 2	14♊33	25♉26	28♌ 1	29°R33	1°R 5	5°R38	15°R48	2♉58	5°R20	4♉ 0	3♊46	n.a.	T 1
F 2	18 18 53	3°40'36	22° 2	15° 6	26°35	28°39	29♏28	1♏ 4	5♓37	15♎48	2°59	5♉17	3°57	3°53	n.a.	F 2
S 3	18 22 50	4°37'59	4♈37	15°46	27°45	29°16	29°23	1° 3	5°36	15°D48	3° 0	5°D17	3°54	3°59	n.a.	S 3
S 4	18 26 46	5°35'24	16°53	16°31	28°55	29°53	29°18	1° 3	5°35	15°48	3° 0	5°17	3°51	4° 6	n.a.	S 4
M 5	18 30 43	6°32'50	28°54	17°23	0♊ 5	0♍31	29°13	1° 2	5°35	15°48	3° 1	5°18	3°48	4°13	n.a.	M 5
T 6	18 34 39	7°30'18	10♉46	18°20	1°16	1° 8	29° 9	1° 1	5°34	15°48	3° 2	5°R18	3°45	4°19	n.a.	T 6
W 7	18 38 36	8°27'47	22°34	19°24	2°26	1°46	29° 4	1° 1	5°33	15°48	3° 3	5°16	3°41	4°26	n.a.	W 7
T 8	18 42 33	9°25'18	4♊21	20°33	3°36	2°24	29° 0	1° 1	5°32	15°48	3° 3	5°12	3°38	4°33	n.a.	T 8
F 9	18 46 29	10°22'50	16°12	21°48	4°47	3° 1	28°56	1° 0	5°31	15°49	3° 4	5° 6	3°35	4°39	n.a.	F 9
S 10	18 50 26	11°20'23	28° 9	23° 8	5°57	3°39	28°52	1° 0	5°30	15°49	3° 4	4°57	3°32	4°46	n.a.	S 10
S 11	18 54 22	12°17'58	10♋13	24°34	7° 8	4°17	28°48	1°D 0	5°28	15°49	3° 5	4°46	3°29	4°53	n.a.	S 11
M12	18 58 19	13°15'34	22°28	26° 4	8°19	4°55	28°45	1° 0	5°27	15°49	3° 6	4°34	3°26	4°59	n.a.	M12
T 13	19 2 15	14°13'12	4♌52	27°38	9°30	5°33	28°41	1° 0	5°26	15°50	3° 6	4°22	3°22	5° 6	n.a.	T 13
W14	19 6 12	15°10'50	17°27	29°17	10°40	6°12	28°38	1° 1	5°25	15°50	3° 7	4°11	3°19	5°13	n.a.	W14
T 15	19 10 9	16° 8'30	0♍13	1♋ 0	11°51	6°50	28°35	1° 1	5°23	15°50	3° 7	4° 1	3°16	5°19	n.a.	T 15
F 16	19 14 5	17° 6'11	13°12	2°46	13° 2	7°28	28°32	1° 1	5°22	15°51	3° 8	3°55	3°13	5°26	n.a.	F 16
S 17	19 18 2	18° 3'53	26°24	4°35	14°14	8° 7	28°29	1° 2	5°21	15°51	3° 8	3°51	3°10	5°33	n.a.	S 17
S 18	19 21 58	19° 1'36	9♎50	6°27	15°25	8°45	28°27	1° 2	5°19	15°52	3° 9	3°49	3° 6	5°39	n.a.	S 18
M19	19 25 55	19°59'21	23°33	8°22	16°36	9°24	28°24	1° 3	5°18	15°52	3° 9	3°D49	3° 3	5°46	n.a.	M19
T 20	19 29 51	20°57'06	7♏34	10°18	17°47	10° 3	28°22	1° 4	5°16	15°53	3°10	3°R49	3° 0	5°53	n.a.	T 20
W21	19 33 48	21°54'53	21°52	12°15	18°59	10°42	28°20	1° 5	5°15	15°53	3°10	3°48	2°57	5°59	n.a.	W21
T 22	19 37 44	22°52'42	6♐27	14°14	20°10	11°20	28°18	1° 6	5°13	15°54	3°10	3°45	2°54	6° 6	n.a.	T 22
F 23	19 41 41	23°50'32	21°13	16°13	21°22	11°59	28°17	1° 7	5°12	15°54	3°11	3°39	2°51	6°13	n.a.	F 23
S 24	19 45 38	24°48'23	6♑ 4	18°13	22°34	12°39	28°15	1° 8	5°10	15°55	3°11	3°31	2°47	6°19	n.a.	S 24
S 25	19 49 34	25°46'16	20°53	20°13	23°45	13°18	28°14	1° 9	5° 8	15°56	3°11	3°21	2°44	6°26	n.a.	S 25
M26	19 53 31	26°44'10	5♒31	22°13	24°57	13°57	28°13	1°11	5° 7	15°56	3°12	3° 9	2°41	6°33	n.a.	M26
T 27	19 57 27	27°42'06	19°50	24°12	26° 9	14°36	28°12	1°12	5° 5	15°57	3°12	2°58	2°38	6°39	n.a.	T 27
W28	20 1 24	28°40'04	3♓45	26°11	27°21	15°15	28°11	1°14	5° 3	15°58	3°12	2°49	2°35	6°46	n.a.	W28
T 29	20 5 20	29°38'04	17°14	28° 9	28°33	15°55	28°11	1°15	5° 1	15°59	3°12	2°41	2°32	6°53	n.a.	T 29
F 30	20 9 17	0♌36'05	0♈15	0♌ 7	29°45	16°34	28°11	1°17	4°59	16° 0	3°13	2°36	2°28	6°59	n.a.	F 30
S 31	20 13 13	1♌34'09	12♈53	2♌ 4	0♋57	17♍14	28°D11	1♏19	4♓57	16♎ 1	3♉13	2♉34	2♉25	7♊ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n43	12s13	4s15	19n54	2s57	17n39	1s45	13n 3	0n48	19s59	0n20	9s52	2n16	10s18	0s48	4s27	2n 0	0n45	12s40	13n28	13n 1	23n41			n.a.
F 2	23 41	6 25	3 30	20 12	2 42	17 58	1 43	12 50	0 47	19 58	0 20	9 52	2 16	10 18	0 48	4 27	2 0	0 45	12 40	13 27	13 0	23 43			n.a.
S 3	23 39	0 32	2 37	20 31	2 28	18 17	1 40	12 36	0 46	19 57	0 20	9 52	2 16	10 19	0 48	4 27	2 0	0 45	12 40	13 27	12 59	23 45			n.a.
S 4	23 37	5n13	1 37	20 50	2 13	18 35	1 38	12 22	0 45	19 56	0 19	9 52	2 15	10 19	0 48	4 27	2 0	0 45	12 40	13 27	12 57	23 47			n.a.
M 5	23 34	10 41	0 34	21 10	1 58	18 52	1 35	12 7	0 44	19 55	0 19	9 52	2 15	10 19	0 48	4 27	2 0	0 45	12 41	13 27	12 56	23 49			n.a.
T 6	23 31	15 42	0n29	21 31	1 43	19 10	1 33	11 53	0 44	19 54	0 19	9 52	2 15	10 20	0 48	4 27	2 0	0 45	12 41	13 27	12 55	23 51			n.a.
W 7	23 28	20 6	1 31	21 51	1 28	19 26	1 30	11 39	0 43	19 54	0 19	9 52	2 15	10 20	0 48	4 28	2 0	0 45	12 41	13 26	12 54	23 53			n.a.
T 8	23 24	23 43	2 28	22 11	1 13	19 43	1 27	11 24	0 42	19 53	0 19	9 52	2 14	10 20	0 48	4 28	1 59	0 45	12 41	13 25	12 53	23 55			n.a.
F 9	23 20	26 19	3 20	22 31	0 58	19 58	1 24	11 10	0 41	19 52	0 19	9 53	2 14	10 21	0 48	4 28	1 59	0 45	12 41	13 23	12 52	23 57			n.a.
S 10	23 15	27 46	4 3	22 50	0 44	20 14	1 22	10 55	0 40	19 52	0 18	9 53	2 14	10 21	0 48	4 28	1 59	0 45	12 42	13 20	12 51	23 59			n.a.
S 11	23 10	27 54	4 35	23 8	0 29	20 29	1 19	10 40	0 39	19 51	0 18	9 53	2 14	10 22	0 48	4 28	1 59	0 45	12 42	13 16	12 50	24 1			n.a.
M12	23 4	26 41	4 55	23 25	0 16	20 43	1 16	10 25	0 39	19 50	0 18	9 53	2 13	10 22	0 48	4 28	1 59	0 45	12 42	13 12	12 49	24 3			n.a.
T 13	22 58	24 10	5 2	23 41	0 2	20 57	1 13	10 10	0 38	19 50	0 18	9 54	2 13	10 23	0 48	4 28	1 59	0 45	12 42	13 8	12 48	24 5			n.a.
W14	22 52	20 27	4 54	23 54	0n10	21 10	1 10	9 55	0 37	19 49	0 18	9 54	2 13	10 23	0 48	4 29	1 59	0 45	12 42	13 4	12 47	24 7			n.a.
T 15	22 45	15 45	4 31	24 6	0 22	21 23	1 7	9 40	0 36	19 49	0 17	9 54	2 12	10 24	0 48	4 29	1 59	0 45	12 43	13 1	12 45	24 9			n.a.
F 16	22 38	10 17	3 54	24 16	0 33	21 35	1 5	9 25	0 35	19 48	0 17	9 55	2 12	10 24	0 48	4 29	1 59	0 45	12 43	12 59	12 44	24 11			n.a.
S 17	22 30	4 16	3 4	24 23	0 44	21 46	1 2	9 10	0 34	19 48	0 17	9 55	2 12	10 25	0 48	4 29	1 59	0 45	12 43	12 57	12 43	24 13			n.a.
S 18	22 22	2s 3	2 3	24 29	0 54	21 57	0 59	8 54	0 34	19 47	0 17	9 56	2 12	10 25	0 48	4 30	1 59	0 45	12 43	12 57	12 42	24 15			n.a.
M19	22 14	8 25	0 54	24 31	1 3	22 8	0 56	8 39	0 33	19 47	0 17	9 56	2 11	10 26	0 48	4 30	1 59	0 45	12 44	12 57	12 41	24 17			n.a.
T 20	22 5	14 31	0s20	24 31	1 11	22 18	0 53	8 23	0 32	19 47	0 16	9 57	2 11	10 27	0 48	4 30	1 59	0 45	12 44	12 57	12 40	24 19			n.a.
W21	21 56	19 59	1 34	24 28	1 18	22 27	0 50	8 8	0 31	19 46	0 16	9 57	2 11	10 27	0 48	4 30	1 59	0 45	12 44	12 56	12 39	24 21			n.a.
T 22	21 46	24 20	2 43	24 22	1 25	22 36	0 47	7 52	0 30	19 46	0 16	9 58	2 11	10 28	0 48	4 31	1 59	0 45	12 44	12 55	12 38	24 22			n.a.
F 23	21 36	27 9	3 43	24 14	1 30	22 44	0 44	7 36	0 30	19 46	0 16	9 58	2 10	10 28	0 48	4 31	1 58	0 45	12 44	12 53	12 37	24 24			n.a.
S 24	21 26	28 3	4 27	24 3	1 35	22 51	0 40	7 20	0 29	19 46	0 16	9 59	2 10	10 29	0 48	4 31	1 58	0 45	12 45	12 51	12 36	24 26			n.a.
S 25	21 15	26 55	4 54	23 50	1 39	22 58	0 37	7 4	0 28	19 46	0 15	10 0	2 10	10 30	0 48	4 32	1 58	0 44	12 45	12 47	12 34	24 28			n.a.
M26	21 4	23 58	5 0	23 34	1 42	23 4	0 34	6 48	0 27	19 46	0 15	10 0	2 10	10 30	0 48	4 32	1 58	0 44	12 45	12 43	12 33	24 30			n.a.
T 27	20 53	19 35	4 48	23 15	1 44	23 10	0 31	6 32	0 26	19 46	0 15	10 1	2 9	10 31	0 48	4 32	1 58	0 44	12 45	12 39	12 32	24 32			n.a.
W28	20 41	14 15	4 18	22 55	1 46	23 14	0 28	6 16	0 26	19 46	0 15	10 2	2 9	10 32	0 48	4 33	1 58	0 44	12 46	12 36	12 31	24 34			n.a.
T 29	20 29	8 24	3 35	22 32	1 47	23 19	0 25	6 0	0 25	19 46	0 15	10 3	2 9	10 32	0 49	4 33	1 58	0 44	12 46	12 33	12 30	24 36			n.a.
F 30	20 16	2 22	2 42	22 8	1 47	23 22	0 22	5 44	0 24	19 46	0 15	10 4	2 9	10 33	0 49	4 33	1 58	0 44	12 46	12 32	12 29	24 38			n.a.
S 31	20n 4	3n35	1s42	21n41	1n47	23n25	0s19	5n27	0n23	19s46	0n14	10s 4	2n 8	10s34	0s49	4s34	1n58	0n44	12s46	12n31	12n28	24n39			n.a.

Julian Day Number = 1596688.5, Delta T = 04h01m45s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'14, Lahiri = - 8°40'14 Julian Calendar 1 July 342 BCE == Greg. Calendar 26 June 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

AUGUST 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 17 10	2♌32'14	25♈10	3♌59	2♋ 9	17♍54	28♏11	1♏21	4°R56	16♎ 1	3♉13	2°R33	2♉22	7♊13	n.a.	S 1
M 2	20 21 6	3°30'22	7♉12	5°54	3°22	18°33	28°11	1°23	4♓54	16° 2	3°13	2♉33	2°19	7°19	n.a.	M 2
T 3	20 25 3	4°28'32	19° 5	7°48	4°34	19°13	28°11	1°25	4°52	16° 3	3°13	2°33	2°16	7°26	n.a.	T 3
W 4	20 29 0	5°26'44	0♊53	9°40	5°47	19°53	28°12	1°27	4°50	16° 4	3°13	2°31	2°12	7°33	n.a.	W 4
T 5	20 32 56	6°24'58	12°43	11°31	6°59	20°33	28°13	1°30	4°48	16° 5	3°13	2°27	2° 9	7°39	n.a.	T 5
F 6	20 36 53	7°23'14	24°37	13°22	8°12	21°13	28°14	1°32	4°46	16° 6	3°13	2°20	2° 6	7°46	n.a.	F 6
S 7	20 40 49	8°21'32	6♋41	15°11	9°25	21°53	28°15	1°34	4°44	16° 8	3°14	2°10	2° 3	7°53	n.a.	S 7
S 8	20 44 46	9°19'53	18°55	16°58	10°37	22°34	28°17	1°37	4°41	16° 9	3°14	1°58	2° 0	7°59	n.a.	S 8
M 9	20 48 42	10°18'15	1♌23	18°45	11°50	23°14	28°18	1°40	4°39	16°10	3°R14	1°45	1°57	8° 6	n.a.	M 9
T 10	20 52 39	11°16'40	14° 4	20°31	13° 3	23°54	28°20	1°42	4°37	16°11	3°14	1°32	1°53	8°13	n.a.	T 10
W11	20 56 36	12°15'06	26°58	22°15	14°16	24°35	28°22	1°45	4°35	16°12	3°13	1°20	1°50	8°20	n.a.	W11
T 12	21 0 32	13°13'34	10♍ 4	23°58	15°29	25°15	28°24	1°48	4°33	16°13	3°13	1° 9	1°47	8°26	n.a.	T 12
F 13	21 4 29	14°12'04	23°21	25°40	16°42	25°56	28°26	1°51	4°31	16°15	3°13	1° 2	1°44	8°33	n.a.	F 13
S 14	21 8 25	15°10'36	6♎49	27°21	17°55	26°37	28°29	1°54	4°28	16°16	3°13	0°57	1°41	8°40	n.a.	S 14
S 15	21 12 22	16° 9'09	20°26	29° 1	19° 8	27°18	28°32	1°57	4°26	16°17	3°13	0°56	1°37	8°46	n.a.	S 15
M16	21 16 18	17° 7'44	4♏14	0♍40	20°22	27°58	28°35	2° 1	4°24	16°19	3°13	0°D55	1°34	8°53	n.a.	M16
T 17	21 20 15	18° 6'21	18°12	2°18	21°35	28°39	28°38	2° 4	4°21	16°20	3°13	0°R55	1°31	9° 0	n.a.	T 17
W18	21 24 11	19° 5'00	2♐20	3°55	22°48	29°20	28°41	2° 7	4°19	16°21	3°13	0°55	1°28	9° 6	n.a.	W18
T 19	21 28 8	20° 3'41	16°37	5°30	24° 2	0♎ 1	28°44	2°11	4°17	16°23	3°12	0°52	1°25	9°13	n.a.	T 19
F 20	21 32 4	21° 2'23	1♑ 1	7° 5	25°15	0°43	28°48	2°15	4°15	16°24	3°12	0°47	1°22	9°20	n.a.	F 20
S 21	21 36 1	22° 1'08	15°27	8°39	26°29	1°24	28°52	2°18	4°12	16°26	3°12	0°40	1°18	9°26	n.a.	S 21
S 22	21 39 58	22°59'54	29°51	10°12	27°42	2° 5	28°56	2°22	4°10	16°27	3°12	0°30	1°15	9°33	n.a.	S 22
M23	21 43 54	23°58'42	14♒ 7	11°43	28°56	2°46	29° 0	2°26	4° 7	16°29	3°11	0°20	1°12	9°40	n.a.	M23
T 24	21 47 51	24°57'32	28° 9	13°14	0♌10	3°28	29° 4	2°30	4° 5	16°30	3°11	0° 9	1° 9	9°46	n.a.	T 24
W25	21 51 47	25°56'24	11♓51	14°44	1°24	4° 9	29° 9	2°34	4° 3	16°32	3°11	0° 0	1° 6	9°53	n.a.	W25
T 26	21 55 44	26°55'19	25°12	16°13	2°37	4°51	29°13	2°38	4° 0	16°33	3°10	29♈53	1° 3	10° 0	n.a.	T 26
F 27	21 59 40	27°54'15	8♈10	17°40	3°51	5°33	29°18	2°42	3°58	16°35	3°10	29°49	0°59	10° 6	n.a.	F 27
S 28	22 3 37	28°53'14	20°46	19° 7	5° 5	6°14	29°23	2°46	3°56	16°37	3°10	29°46	0°56	10°13	n.a.	S 28
S 29	22 7 33	29°52'16	3♉ 4	20°33	6°19	6°56	29°28	2°50	3°53	16°38	3° 9	29°D46	0°53	10°20	n.a.	S 29
M30	22 11 30	0♍51'19	15° 7	21°58	7°33	7°38	29°34	2°55	3°51	16°40	3° 9	29°47	0°50	10°26	n.a.	M30
T 31	22 15 27	1♍50'26	27♉ 1	23♍21	8♌47	8♎20	29♏39	2♏59	3♓48	16♎42	3♉ 8	29°R47	0♉47	10♊33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n50	9n15	0s39	21n13	1n46	23n27	0s16	5n11	0n22	19s46	0n14	10s 5	2n 8	10s35	0s49	4s34	1n58	0n43	12s47	12n31	12n27	24n41			n.a.
M 2	19 37	14 28	0n25	20 43	1 45	23 29	0 13	4 55	0 22	19 47	0 14	10 6	2 8	10 35	0 49	4 35	1 58	0 43	12 47	12 31	12 26	24 43			n.a.
T 3	19 23	19 5	1 26	20 12	1 43	23 29	0 10	4 38	0 21	19 47	0 14	10 7	2 8	10 36	0 49	4 35	1 58	0 43	12 47	12 30	12 24	24 45			n.a.
W 4	19 9	22 56	2 24	19 40	1 40	23 29	0 7	4 22	0 20	19 47	0 14	10 8	2 7	10 37	0 49	4 35	1 58	0 43	12 47	12 30	12 23	24 47			n.a.
T 5	18 54	25 50	3 15	19 6	1 37	23 29	0 4	4 5	0 19	19 47	0 13	10 9	2 7	10 38	0 49	4 36	1 58	0 43	12 48	12 28	12 22	24 49			n.a.
F 6	18 39	27 36	3 58	18 31	1 34	23 28	0 1	3 48	0 18	19 48	0 13	10 10	2 7	10 38	0 49	4 36	1 58	0 42	12 48	12 26	12 21	24 51			n.a.
S 7	18 24	28 5	4 31	17 55	1 30	23 26	0n 2	3 31	0 18	19 48	0 13	10 11	2 7	10 39	0 49	4 37	1 58	0 42	12 48	12 23	12 20	24 52			n.a.
S 8	18 9	27 13	4 53	17 18	1 26	23 23	0 5	3 15	0 17	19 49	0 13	10 13	2 6	10 40	0 49	4 37	1 57	0 42	12 48	12 18	12 19	24 54			n.a.
M 9	17 53	24 58	5 0	16 41	1 21	23 20	0 7	2 58	0 16	19 49	0 13	10 14	2 6	10 41	0 49	4 38	1 57	0 42	12 48	12 14	12 18	24 56			n.a.
T 10	17 37	21 29	4 53	16 2	1 17	23 16	0 10	2 41	0 15	19 50	0 13	10 15	2 6	10 41	0 49	4 38	1 57	0 42	12 49	12 9	12 17	24 58			n.a.
W11	17 20	16 55	4 31	15 24	1 11	23 11	0 13	2 24	0 15	19 51	0 12	10 16	2 6	10 42	0 49	4 39	1 57	0 41	12 49	12 5	12 16	25 0			n.a.
T 12	17 3	11 30	3 55	14 44	1 6	23 5	0 16	2 7	0 14	19 51	0 12	10 17	2 5	10 43	0 49	4 39	1 57	0 41	12 49	12 1	12 15	25 1			n.a.
F 13	16 46	5 30	3 5	14 4	1 0	22 59	0 19	1 50	0 13	19 52	0 12	10 19	2 5	10 44	0 49	4 40	1 57	0 41	12 49	11 59	12 13	25 3			n.a.
S 14	16 29	0s51	2 4	13 24	0 54	22 52	0 21	1 33	0 12	19 53	0 12	10 20	2 5	10 45	0 49	4 40	1 57	0 41	12 50	11 57	12 12	25 5			n.a.
S 15	16 12	7 14	0 55	12 43	0 48	22 45	0 24	1 16	0 11	19 53	0 12	10 21	2 5	10 46	0 49	4 41	1 57	0 40	12 50	11 56	12 11	25 7			n.a.
M16	15 54	13 22	0s18	12 2	0 42	22 37	0 27	0 59	0 11	19 54	0 12	10 23	2 4	10 47	0 49	4 42	1 57	0 40	12 50	11 56	12 10	25 9			n.a.
T 17	15 36	18 55	1 30	11 20	0 35	22 28	0 29	0 42	0 10	19 55	0 11	10 24	2 4	10 47	0 49	4 42	1 57	0 40	12 50	11 56	12 9	25 10			n.a.
W18	15 17	23 28	2 38	10 38	0 29	22 18	0 32	0 24	0 9	19 56	0 11	10 25	2 4	10 48	0 49	4 43	1 57	0 40	12 51	11 56	12 8	25 12			n.a.
T 19	14 59	26 40	3 37	9 57	0 22	22 8	0 34	0 7	0 8	19 57	0 11	10 27	2 4	10 49	0 49	4 43	1 57	0 39	12 51	11 55	12 7	25 14			n.a.
F 20	14 40	28 7	4 23	9 15	0 15	21 57	0 37	0s10	0 8	19 58	0 11	10 28	2 3	10 50	0 49	4 44	1 57	0 39	12 51	11 54	12 6	25 15			n.a.
S 21	14 21	27 40	4 52	8 33	0 8	21 46	0 39	0 27	0 7	19 59	0 11	10 30	2 3	10 51	0 49	4 45	1 57	0 39	12 51	11 51	12 4	25 17			n.a.
S 22	14 1	25 21	5 2	7 51	0 1	21 34	0 42	0 45	0 6	20 0	0 11	10 31	2 3	10 52	0 49	4 45	1 57	0 38	12 51	11 48	12 3	25 19			n.a.
M23	13 42	21 28	4 54	7 9	0s 7	21 21	0 44	1 2	0 5	20 1	0 10	10 33	2 3	10 53	0 49	4 46	1 57	0 38	12 52	11 44	12 2	25 21			n.a.
T 24	13 22	16 26	4 28	6 27	0 14	21 7	0 46	1 19	0 5	20 2	0 10	10 34	2 3	10 53	0 49	4 47	1 57	0 38	12 52	11 40	12 1	25 22			n.a.
W25	13 2	10 41	3 46	5 45	0 22	20 53	0 49	1 37	0 4	20 3	0 10	10 36	2 2	10 54	0 49	4 47	1 57	0 37	12 52	11 37	12 0	25 24			n.a.
T 26	12 42	4 35	2 53	5 4	0 29	20 39	0 51	1 54	0 3	20 4	0 10	10 38	2 2	10 55	0 49	4 48	1 57	0 37	12 52	11 34	11 59	25 26			n.a.
F 27	12 21	1n33	1 53	4 22	0 37	20 23	0 53	2 12	0 2	20 6	0 10	10 39	2 2	10 56	0 49	4 49	1 56	0 37	12 53	11 33	11 58	25 27			n.a.
S 28	12 0	7 28	0 48	3 41	0 44	20 8	0 55	2 29	0 2	20 7	0 10	10 41	2 2	10 57	0 49	4 49	1 56	0 36	12 53	11 32	11 57	25 29			n.a.
S 29	11 39	12 58	0n18	3 0	0 52	19 51	0 57	2 46	0 1	20 8	0 9	10 43	2 1	10 58	0 49	4 50	1 56	0 36	12 53	11 32	11 56	25 31			n.a.
M30	11 18	17 52	1 21	2 19	0 59	19 34	0 59	3 4	0 0	20 9	0 9	10 44	2 1	10 59	0 49	4 51	1 56	0 36	12 53	11 32	11 54	25 33			n.a.
T 31	10n57	22n 1	2n21	1n39	1s 7	19n16	1n 1	3s21	0s 1	20s11	0n 9	10s46	2n 1	11s 0	0s49	4s51	1n56	0n35	12s53	11n32	11n53	25n34			n.a.

Julian Day Number = 1596719.5, Delta T = 04h01m44s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'10, Lahiri = - 8°40'09 Julian Calendar 1 Aug. 342 BCE == Greg. Calendar 27 July 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

SEPTEMBER 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 19 23	2♍49'34	8♊51	24♍44	10♌ 1	9♎ 2	29♏45	3♏ 4	3°R46	16♎43	3°R 8	29°R47	0♉43	10♊40	n.a.	W 1
T 2	22 23 20	3°48'45	20°42	26° 5	11°16	9°44	29°51	3° 8	3♓43	16°45	3♉ 7	29♈46	0°40	10°46	n.a.	T 2
F 3	22 27 16	4°47'59	2♋39	27°26	12°30	10°26	29°57	3°13	3°41	16°47	3° 7	29°42	0°37	10°53	n.a.	F 3
S 4	22 31 13	5°47'15	14°47	28°45	13°44	11° 8	0♐ 3	3°18	3°39	16°49	3° 6	29°36	0°34	11° 0	n.a.	S 4
S 5	22 35 9	6°46'33	27° 8	0♎ 2	14°59	11°51	0° 9	3°22	3°36	16°51	3° 6	29°28	0°31	11° 6	n.a.	S 5
M 6	22 39 6	7°45'53	9♌46	1°19	16°13	12°33	0°16	3°27	3°34	16°52	3° 5	29°19	0°28	11°13	n.a.	M 6
T 7	22 43 2	8°45'16	22°42	2°34	17°27	13°16	0°22	3°32	3°31	16°54	3° 4	29° 9	0°24	11°20	n.a.	T 7
W 8	22 46 59	9°44'41	5♍55	3°47	18°42	13°58	0°29	3°37	3°29	16°56	3° 4	29° 1	0°21	11°26	n.a.	W 8
T 9	22 50 55	10°44'08	19°24	4°59	19°56	14°41	0°36	3°42	3°26	16°58	3° 3	28°54	0°18	11°33	n.a.	T 9
F 10	22 54 52	11°43'37	3♎ 6	6° 9	21°11	15°23	0°43	3°47	3°24	17° 0	3° 3	28°49	0°15	11°40	n.a.	F 10
S 11	22 58 49	12°43'09	16°58	7°17	22°26	16° 6	0°50	3°52	3°22	17° 2	3° 2	28°46	0°12	11°46	n.a.	S 11
S 12	23 2 45	13°42'42	0♏58	8°24	23°40	16°49	0°58	3°58	3°19	17° 4	3° 1	28°D45	0° 9	11°53	n.a.	S 12
M13	23 6 42	14°42'17	15° 2	9°28	24°55	17°32	1° 5	4° 3	3°17	17° 6	3° 1	28°46	0° 5	12° 0	n.a.	M13
T 14	23 10 38	15°41'54	29°10	10°29	26°10	18°15	1°13	4° 8	3°15	17° 8	3° 0	28°47	0° 2	12° 7	n.a.	T 14
W15	23 14 35	16°41'33	13♐19	11°28	27°24	18°58	1°21	4°14	3°12	17°10	2°59	28°R48	29♈59	12°13	n.a.	W15
T 16	23 18 31	17°41'14	27°28	12°24	28°39	19°41	1°29	4°19	3°10	17°12	2°58	28°48	29°56	12°20	n.a.	T 16
F 17	23 22 28	18°40'56	11♑35	13°17	29°54	20°24	1°37	4°25	3° 8	17°14	2°58	28°46	29°53	12°27	n.a.	F 17
S 18	23 26 24	19°40'41	25°39	14° 6	1♍ 9	21° 7	1°45	4°30	3° 5	17°16	2°57	28°42	29°49	12°33	n.a.	S 18
S 19	23 30 21	20°40'27	9♒36	14°51	2°24	21°51	1°53	4°36	3° 3	17°18	2°56	28°37	29°46	12°40	n.a.	S 19
M20	23 34 18	21°40'15	23°24	15°32	3°39	22°34	2° 2	4°42	3° 1	17°20	2°55	28°31	29°43	12°47	n.a.	M20
T 21	23 38 14	22°40'05	6♓59	16° 9	4°54	23°17	2°10	4°47	2°59	17°22	2°54	28°24	29°40	12°53	n.a.	T 21
W22	23 42 11	23°39'57	20°19	16°40	6° 9	24° 1	2°19	4°53	2°56	17°24	2°54	28°19	29°37	13° 0	n.a.	W22
T 23	23 46 7	24°39'51	3♈23	17° 5	7°24	24°44	2°28	4°59	2°54	17°26	2°53	28°15	29°34	13° 7	n.a.	T 23
F 24	23 50 4	25°39'46	16° 9	17°24	8°39	25°28	2°37	5° 5	2°52	17°28	2°52	28°13	29°30	13°13	n.a.	F 24
S 25	23 54 0	26°39'45	28°39	17°36	9°54	26°12	2°46	5°11	2°50	17°30	2°51	28°D12	29°27	13°20	n.a.	S 25
S 26	23 57 57	27°39'45	10♉54	17°R41	11° 9	26°55	2°55	5°17	2°48	17°33	2°50	28°13	29°24	13°27	n.a.	S 26
M27	0 1 53	28°39'47	22°56	17°37	12°24	27°39	3° 5	5°23	2°45	17°35	2°49	28°14	29°21	13°33	n.a.	M27
T 28	0 5 50	29°39'52	4♊50	17°25	13°39	28°23	3°14	5°29	2°43	17°37	2°48	28°16	29°18	13°40	n.a.	T 28
W29	0 9 47	0♎39'59	16°40	17° 4	14°54	29° 7	3°24	5°35	2°41	17°39	2°47	28°18	29°15	13°47	n.a.	W29
T 30	0 13 43	1♎40'08	28♊31	16♎34	16♍ 9	29♎51	3♐34	5♏41	2♓39	17♎41	2♉46	28°R19	29♈11	13♊53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n36	25n14	3n14	0n59	1s14	18n58	1n 3	3s39	0s 1	20s12	0n 9	10s48	2n 1	11s 1	0s49	4s52	1n56	0n35	12s54	11n32	11n52	25n36		n.a.
T 2	10 14	27 22	3 58	0 19	1 22	18 39	1 5	3 56	0 2	20 14	0 9	10 49	2 1	11 1	0 49	4 53	1 56	0 35	12 54	11 32	11 51	25 38		n.a.
F 3	9 52	28 16	4 33	0s20	1 29	18 20	1 7	4 13	0 3	20 15	0 9	10 51	2 0	11 2	0 49	4 53	1 56	0 34	12 54	11 30	11 50	25 39		n.a.
S 4	9 30	27 49	4 56	0 58	1 37	18 0	1 8	4 31	0 3	20 16	0 9	10 53	2 0	11 3	0 49	4 54	1 56	0 34	12 54	11 28	11 49	25 41		n.a.
S 5	9 8	25 59	5 6	1 36	1 44	17 40	1 10	4 48	0 4	20 18	0 8	10 55	2 0	11 4	0 49	4 55	1 56	0 34	12 54	11 25	11 48	25 42		n.a.
M 6	8 46	22 51	5 1	2 14	1 51	17 19	1 12	5 6	0 5	20 20	0 8	10 57	2 0	11 5	0 49	4 56	1 56	0 33	12 55	11 22	11 47	25 44		n.a.
T 7	8 23	18 32	4 41	2 50	1 58	16 57	1 13	5 23	0 6	20 21	0 8	10 59	2 0	11 6	0 49	4 56	1 56	0 33	12 55	11 19	11 45	25 46		n.a.
W 8	8 1	13 15	4 6	3 26	2 5	16 35	1 15	5 40	0 6	20 23	0 8	11 0	1 59	11 7	0 49	4 57	1 56	0 32	12 55	11 16	11 44	25 47		n.a.
T 9	7 38	7 15	3 16	4 1	2 12	16 13	1 16	5 58	0 7	20 24	0 8	11 2	1 59	11 8	0 49	4 58	1 56	0 32	12 55	11 13	11 43	25 49		n.a.
F 10	7 15	0 48	2 14	4 35	2 19	15 50	1 17	6 15	0 8	20 26	0 8	11 4	1 59	11 9	0 49	4 59	1 56	0 32	12 55	11 11	11 42	25 50		n.a.
S 11	6 52	5s46	1 3	5 9	2 25	15 27	1 19	6 32	0 8	20 28	0 8	11 6	1 59	11 9	0 49	4 59	1 56	0 31	12 56	11 10	11 41	25 52		n.a.
S 12	6 29	12 8	0s12	5 41	2 31	15 3	1 20	6 50	0 9	20 29	0 7	11 8	1 59	11 10	0 49	5 0	1 56	0 31	12 56	11 10	11 40	25 54		n.a.
M13	6 6	17 56	1 27	6 12	2 37	14 39	1 21	7 7	0 10	20 31	0 7	11 10	1 59	11 11	0 49	5 1	1 56	0 31	12 56	11 10	11 39	25 55		n.a.
T 14	5 42	22 47	2 37	6 41	2 42	14 14	1 22	7 24	0 11	20 33	0 7	11 12	1 58	11 12	0 49	5 2	1 56	0 30	12 56	11 11	11 37	25 57		n.a.
W15	5 19	26 17	3 38	7 9	2 48	13 49	1 23	7 41	0 11	20 34	0 7	11 14	1 58	11 13	0 49	5 3	1 56	0 30	12 56	11 11	11 36	25 58		n.a.
T 16	4 55	28 8	4 25	7 36	2 52	13 24	1 24	7 59	0 12	20 36	0 7	11 16	1 58	11 14	0 49	5 3	1 56	0 29	12 56	11 11	11 35	26 0		n.a.
F 17	4 32	28 9	4 56	8 1	2 57	12 58	1 25	8 16	0 13	20 38	0 7	11 18	1 58	11 15	0 49	5 4	1 56	0 29	12 57	11 10	11 34	26 1		n.a.
S 18	4 8	26 21	5 10	8 24	3 1	12 32	1 26	8 33	0 13	20 40	0 7	11 20	1 58	11 15	0 49	5 5	1 56	0 29	12 57	11 9	11 33	26 3		n.a.
S 19	3 44	22 57	5 5	8 45	3 4	12 5	1 26	8 50	0 14	20 42	0 6	11 22	1 57	11 16	0 49	5 6	1 56	0 28	12 57	11 7	11 32	26 5		n.a.
M20	3 21	18 19	4 42	9 3	3 7	11 39	1 27	9 7	0 15	20 44	0 6	11 24	1 57	11 17	0 49	5 7	1 56	0 28	12 57	11 5	11 31	26 6		n.a.
T 21	2 57	12 49	4 3	9 19	3 8	11 11	1 27	9 24	0 15	20 45	0 6	11 27	1 57	11 18	0 49	5 8	1 56	0 27	12 57	11 2	11 30	26 8		n.a.
W22	2 33	6 49	3 12	9 32	3 10	10 44	1 28	9 41	0 16	20 47	0 6	11 29	1 57	11 19	0 49	5 8	1 55	0 27	12 57	11 1	11 28	26 9		n.a.
T 23	2 9	0 39	2 11	9 42	3 10	10 16	1 28	9 57	0 17	20 49	0 6	11 31	1 57	11 19	0 49	5 9	1 55	0 26	12 57	10 59	11 27	26 11		n.a.
F 24	1 45	5n26	1 5	9 49	3 9	9 48	1 29	10 14	0 17	20 51	0 6	11 33	1 57	11 20	0 49	5 10	1 55	0 26	12 58	10 58	11 26	26 12		n.a.
S 25	1 21	11 10	0n 2	9 52	3 7	9 20	1 29	10 31	0 18	20 53	0 6	11 35	1 57	11 21	0 49	5 11	1 55	0 26	12 58	10 58	11 25	26 14		n.a.
S 26	0 56	16 22	1 9	9 51	3 4	8 51	1 29	10 48	0 19	20 55	0 5	11 37	1 56	11 22	0 49	5 12	1 55	0 25	12 58	10 58	11 24	26 15		n.a.
M27	0 32	20 51	2 11	9 46	3 0	8 22	1 29	11 4	0 19	20 57	0 5	11 39	1 56	11 22	0 49	5 13	1 55	0 25	12 58	10 59	11 23	26 17		n.a.
T 28	0 8	24 26	3 8	9 36	2 54	7 53	1 30	11 21	0 20	20 59	0 5	11 41	1 56	11 23	0 49	5 13	1 55	0 24	12 58	11 0	11 22	26 18		n.a.
W29	0s16	26 58	3 55	9 21	2 46	7 24	1 30	11 37	0 21	21 1	0 5	11 44	1 56	11 24	0 49	5 14	1 55	0 24	12 58	11 0	11 20	26 20		n.a.
T 30	0s40	28n17	4n33	9s 0	2s37	6n54	1n30	11s53	0s21	21s 3	0n 5	11s46	1n56	11s25	0s49	5s15	1n55	0n24	12s58	11n 0	11n19	26n21		n.a.

Julian Day Number = 1596750.5, Delta T = 04h01m43s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'06, Lahiri = - 8°40'05 Julian Calendar 1 Sept. 342 BCE == Greg. Calendar 27 Aug. 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

OCTOBER 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 17 40	2♎40'20	10♋28	15°R54	17♍25	0♏35	3♐43	5♏48	2°R37	17♎43	2°R45	28°R18	29♈ 8	14♊ 0	n.a.	F 1
S 2	0 21 36	3°40'33	22°36	15♎ 5	18°40	1°19	3°53	5°54	2♓35	17°46	2♉44	28♈17	29° 5	14° 7	n.a.	S 2
S 3	0 25 33	4°40'49	4♌59	14° 7	19°55	2° 3	4° 3	6° 0	2°33	17°48	2°43	28°15	29° 2	14°13	n.a.	S 3
M 4	0 29 29	5°41'07	17°40	13° 1	21°11	2°47	4°14	6° 6	2°31	17°50	2°42	28°11	28°59	14°20	n.a.	M 4
T 5	0 33 26	6°41'27	0♍43	11°49	22°26	3°32	4°24	6°13	2°30	17°52	2°41	28° 8	28°55	14°27	n.a.	T 5
W 6	0 37 22	7°41'48	14° 8	10°33	23°41	4°16	4°34	6°19	2°28	17°54	2°40	28° 5	28°52	14°34	n.a.	W 6
T 7	0 41 19	8°42'12	27°54	9°14	24°57	5° 1	4°45	6°26	2°26	17°57	2°39	28° 2	28°49	14°40	n.a.	T 7
F 8	0 45 15	9°42'38	11♎59	7°55	26°12	5°45	4°55	6°32	2°24	17°59	2°38	28° 1	28°46	14°47	n.a.	F 8
S 9	0 49 12	10°43'05	26°18	6°39	27°27	6°30	5° 6	6°39	2°22	18° 1	2°37	28°D 0	28°43	14°54	n.a.	S 9
S 10	0 53 9	11°43'34	10♏46	5°28	28°43	7°14	5°17	6°45	2°21	18° 3	2°36	28° 0	28°40	15° 0	n.a.	S 10
M11	0 57 5	12°44'05	25°17	4°24	29°58	7°59	5°28	6°52	2°19	18° 6	2°35	28° 1	28°36	15° 7	n.a.	M11
T 12	1 1 2	13°44'37	9♐47	3°29	1♎14	8°44	5°39	6°58	2°17	18° 8	2°34	28° 2	28°33	15°14	n.a.	T 12
W13	1 4 58	14°45'11	24°11	2°45	2°29	9°28	5°50	7° 5	2°16	18°10	2°33	28° 3	28°30	15°20	n.a.	W13
T 14	1 8 55	15°45'46	8♑26	2°12	3°45	10°13	6° 1	7°12	2°14	18°12	2°32	28° 4	28°27	15°27	n.a.	T 14
F 15	1 12 51	16°46'23	22°29	1°51	5° 0	10°58	6°13	7°18	2°13	18°15	2°31	28°R 4	28°24	15°34	n.a.	F 15
S 16	1 16 48	17°47'00	6♒19	1°D41	6°16	11°43	6°24	7°25	2°11	18°17	2°30	28° 4	28°20	15°40	n.a.	S 16
S 17	1 20 44	18°47'39	19°55	1°43	7°31	12°28	6°35	7°32	2°10	18°19	2°29	28° 3	28°17	15°47	n.a.	S 17
M18	1 24 41	19°48'20	3♓18	1°56	8°47	13°13	6°47	7°39	2° 8	18°21	2°28	28° 2	28°14	15°54	n.a.	M18
T 19	1 28 38	20°49'01	16°27	2°18	10° 2	13°58	6°59	7°45	2° 7	18°24	2°26	28° 1	28°11	16° 0	n.a.	T 19
W20	1 32 34	21°49'44	29°22	2°49	11°18	14°43	7°10	7°52	2° 5	18°26	2°25	28° 0	28° 8	16° 7	n.a.	W20
T 21	1 36 31	22°50'28	12♈ 5	3°29	12°33	15°29	7°22	7°59	2° 4	18°28	2°24	27°59	28° 5	16°14	n.a.	T 21
F 22	1 40 27	23°51'14	24°34	4°16	13°49	16°14	7°34	8° 6	2° 3	18°30	2°23	27°D59	28° 1	16°21	n.a.	F 22
S 23	1 44 24	24°52'01	6♉52	5° 9	15° 4	16°59	7°46	8°13	2° 2	18°33	2°22	27°59	27°58	16°27	n.a.	S 23
S 24	1 48 20	25°52'49	19° 0	6° 8	16°20	17°45	7°58	8°20	2° 1	18°35	2°21	27°59	27°55	16°34	n.a.	S 24
M25	1 52 17	26°53'39	0♊59	7°12	17°36	18°30	8°10	8°27	2° 0	18°37	2°20	27°59	27°52	16°41	n.a.	M25
T 26	1 56 13	27°54'31	12°52	8°20	18°51	19°16	8°22	8°34	1°58	18°39	2°19	27°R59	27°49	16°47	n.a.	T 26
W27	2 0 10	28°55'24	24°42	9°32	20° 7	20° 1	8°35	8°40	1°57	18°42	2°17	27°59	27°46	16°54	n.a.	W27
T 28	2 4 7	29°56'18	6♋32	10°46	21°22	20°47	8°47	8°47	1°56	18°44	2°16	27°59	27°42	17° 1	n.a.	T 28
F 29	2 8 3	0♏57'14	18°28	12° 4	22°38	21°32	8°59	8°54	1°56	18°46	2°15	27°59	27°39	17° 7	n.a.	F 29
S 30	2 12 0	1°58'11	0♌33	13°24	23°54	22°18	9°12	9° 1	1°55	18°48	2°14	27°D59	27°36	17°14	n.a.	S 30
S 31	2 15 56	2♏59'10	12♌52	14♎46	25♎ 9	23♏ 4	9♐24	9♏ 8	1♓54	18♎50	2♉13	27♈59	27♈33	17♊21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s 5	28n18	4n59	8s34	2s26	6n24	1n29	12s10	0s22	21s 5	0n 5	11s48	1n56	11s25	0s49	5s16	1n55	0n23	12s58	11n 0	11n18	26n22		n.a.
S 2	1 29	26 57	5 13	8 3	2 13	5 54	1 29	12 26	0 23	21 7	0 5	11 50	1 56	11 26	0 49	5 17	1 55	0 23	12 59	11 0	11 17	26 24		n.a.
S 3	1 53	24 18	5 12	7 27	1 58	5 24	1 29	12 42	0 23	21 9	0 5	11 53	1 55	11 27	0 49	5 18	1 55	0 22	12 59	10 59	11 16	26 25		n.a.
M 4	2 17	20 25	4 57	6 46	1 42	4 54	1 29	12 58	0 24	21 11	0 4	11 55	1 55	11 27	0 49	5 19	1 55	0 22	12 59	10 58	11 15	26 27		n.a.
T 5	2 41	15 29	4 25	6 1	1 24	4 23	1 28	13 14	0 25	21 13	0 4	11 57	1 55	11 28	0 48	5 19	1 55	0 21	12 59	10 57	11 14	26 28		n.a.
W 6	3 5	9 41	3 39	5 13	1 5	3 53	1 28	13 30	0 25	21 15	0 4	11 59	1 55	11 29	0 48	5 20	1 55	0 21	12 59	10 55	11 12	26 30		n.a.
T 7	3 30	3 16	2 39	4 23	0 45	3 22	1 27	13 46	0 26	21 17	0 4	12 1	1 55	11 29	0 48	5 21	1 55	0 21	12 59	10 54	11 11	26 31		n.a.
F 8	3 54	3s27	1 27	3 33	0 24	2 51	1 27	14 1	0 27	21 19	0 4	12 4	1 55	11 30	0 48	5 22	1 55	0 20	12 59	10 54	11 10	26 32		n.a.
S 9	4 18	10 8	0 9	2 43	0 3	2 20	1 26	14 17	0 27	21 21	0 4	12 6	1 55	11 31	0 48	5 23	1 55	0 20	12 59	10 54	11 9	26 34		n.a.
S 10	4 42	16 21	1s10	1 56	0n17	1 49	1 25	14 32	0 28	21 23	0 4	12 8	1 55	11 31	0 48	5 24	1 55	0 19	12 59	10 54	11 8	26 35		n.a.
M11	5 5	21 40	2 25	1 13	0 36	1 18	1 25	14 47	0 28	21 25	0 4	12 11	1 54	11 32	0 48	5 25	1 55	0 19	12 59	10 54	11 7	26 37		n.a.
T 12	5 29	25 40	3 31	0 34	0 55	0 47	1 24	15 3	0 29	21 28	0 3	12 13	1 54	11 32	0 48	5 25	1 55	0 19	12 59	10 55	11 6	26 38		n.a.
W13	5 53	27 59	4 23	0 1	1 11	0 16	1 23	15 18	0 30	21 30	0 3	12 15	1 54	11 33	0 48	5 26	1 55	0 18	12 59	10 55	11 4	26 39		n.a.
T 14	6 17	28 26	4 58	0n26	1 26	0s15	1 22	15 33	0 30	21 32	0 3	12 17	1 54	11 34	0 48	5 27	1 55	0 18	12 59	10 55	11 3	26 41		n.a.
F 15	6 40	27 1	5 15	0 46	1 39	0 47	1 21	15 48	0 31	21 34	0 3	12 20	1 54	11 34	0 48	5 28	1 55	0 17	13 0	10 55	11 2	26 42		n.a.
S 16	7 4	23 59	5 13	1 0	1 50	1 18	1 20	16 2	0 31	21 36	0 3	12 22	1 54	11 35	0 48	5 29	1 55	0 17	13 0	10 55	11 1	26 43		n.a.
S 17	7 27	19 40	4 54	1 8	2 0	1 49	1 19	16 17	0 32	21 38	0 3	12 24	1 54	11 35	0 48	5 30	1 55	0 17	13 0	10 55	11 0	26 45		n.a.
M18	7 50	14 26	4 19	1 10	2 7	2 20	1 18	16 31	0 33	21 40	0 3	12 27	1 54	11 36	0 48	5 31	1 55	0 16	13 0	10 54	10 59	26 46		n.a.
T 19	8 14	8 38	3 31	1 6	2 13	2 51	1 16	16 46	0 33	21 42	0 3	12 29	1 54	11 36	0 48	5 32	1 55	0 16	13 0	10 54	10 58	26 47		n.a.
W20	8 37	2 34	2 32	0 58	2 18	3 22	1 15	17 0	0 34	21 44	0 2	12 31	1 54	11 36	0 48	5 32	1 55	0 15	13 0	10 54	10 56	26 49		n.a.
T 21	8 59	3n30	1 27	0 45	2 21	3 54	1 14	17 14	0 34	21 46	0 2	12 34	1 53	11 37	0 48	5 33	1 55	0 15	13 0	10 53	10 55	26 50		n.a.
F 22	9 22	9 21	0 19	0 27	2 22	4 25	1 12	17 28	0 35	21 49	0 2	12 36	1 53	11 37	0 48	5 34	1 55	0 15	13 0	10 53	10 54	26 51		n.a.
S 23	9 45	14 45	0n49	0 7	2 23	4 55	1 11	17 41	0 36	21 51	0 2	12 38	1 53	11 38	0 48	5 35	1 55	0 14	13 0	10 53	10 53	26 53		n.a.
S 24	10 7	19 31	1 54	0s17	2 23	5 26	1 9	17 55	0 36	21 53	0 2	12 40	1 53	11 38	0 48	5 36	1 55	0 14	13 0	10 53	10 52	26 54		n.a.
M25	10 30	23 26	2 53	0 44	2 21	5 57	1 8	18 8	0 37	21 55	0 2	12 43	1 53	11 38	0 48	5 37	1 55	0 13	13 0	10 53	10 51	26 55		n.a.
T 26	10 52	26 20	3 44	1 13	2 19	6 27	1 6	18 21	0 37	21 57	0 2	12 45	1 53	11 39	0 48	5 38	1 55	0 13	13 0	10 53	10 50	26 56		n.a.
W27	11 14	28 3	4 25	1 44	2 16	6 58	1 4	18 34	0 38	21 59	0 2	12 47	1 53	11 39	0 48	5 38	1 55	0 13	13 0	10 53	10 48	26 58		n.a.
T 28	11 35	28 30	4 55	2 17	2 13	7 28	1 3	18 47	0 38	22 1	0 2	12 50	1 53	11 39	0 48	5 39	1 55	0 12	13 0	10 53	10 47	26 59		n.a.
F 29	11 57	27 37	5 13	2 52	2 8	7 58	1 1	19 0	0 39	22 3	0 1	12 52	1 53	11 40	0 48	5 40	1 55	0 12	13 0	10 53	10 46	27 0		n.a.
S 30	12 18	25 26	5 17	3 27	2 4	8 28	0 59	19 13	0 40	22 5	0 1	12 54	1 53	11 40	0 48	5 41	1 55	0 12	13 0	10 53	10 45	27 1		n.a.
S 31	12s40	22n 3	5n 7	4s 4	1n59	8s58	0n57	19s25	0s40	22s 7	0n 1	12s57	1n53	11s40	0s48	5s42	1n55	0n11	13s 0	10n53	10n44	27n 3		n.a.

Julian Day Number = 1596780.5, Delta T = 04h01m42s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°47'01, Lahiri = - 8°40'01 Julian Calendar 1 Oct. 342 BCE == Greg. Calendar 26 Sept. 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

NOVEMBER 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 19 53	4♏ 0'10	25♌29	16♎ 9	26♎25	23♏49	9♐37	9♏15	1°R53	18♎53	2°R12	27♈59	27♈30	17♊27	n.a.	M 1
T 2	2 23 49	5° 1'12	8♍29	17°34	27°40	24°35	9°50	9°22	1♓52	18°55	2♉11	28° 0	27°26	17°34	n.a.	T 2
W 3	2 27 46	6° 2'15	21°54	19° 0	28°56	25°21	10° 2	9°29	1°52	18°57	2° 9	28° 1	27°23	17°41	n.a.	W 3
T 4	2 31 42	7° 3'19	5♎44	20°27	0♏12	26° 7	10°15	9°36	1°51	18°59	2° 8	28° 1	27°20	17°48	n.a.	T 4
F 5	2 35 39	8° 4'24	20° 0	21°55	1°27	26°53	10°28	9°43	1°50	19° 1	2° 7	28° 2	27°17	17°54	n.a.	F 5
S 6	2 39 36	9° 5'30	4♏37	23°24	2°43	27°39	10°41	9°50	1°50	19° 4	2° 6	28°R 2	27°14	18° 1	n.a.	S 6
S 7	2 43 32	10° 6'37	19°29	24°53	3°58	28°25	10°54	9°57	1°49	19° 6	2° 5	28° 1	27°11	18° 8	n.a.	S 7
M 8	2 47 29	11° 7'45	4♐28	26°23	5°14	29°11	11° 7	10° 4	1°49	19° 8	2° 4	28° 0	27° 7	18°14	n.a.	M 8
T 9	2 51 25	12° 8'54	19°26	27°53	6°30	29°58	11°20	10°11	1°49	19°10	2° 3	27°58	27° 4	18°21	n.a.	T 9
W10	2 55 22	13°10'04	4♑14	29°24	7°45	0♐44	11°33	10°18	1°48	19°12	2° 2	27°57	27° 1	18°28	n.a.	W10
T 11	2 59 18	14°11'14	18°46	0♏55	9° 1	1°30	11°47	10°25	1°48	19°14	2° 0	27°55	26°58	18°34	n.a.	T 11
F 12	3 3 15	15°12'24	2♒58	2°26	10°17	2°16	12° 0	10°32	1°48	19°16	1°59	27°54	26°55	18°41	n.a.	F 12
S 13	3 7 12	16°13'35	16°48	3°58	11°32	3° 3	12°13	10°39	1°48	19°18	1°58	27°D53	26°52	18°48	n.a.	S 13
S 14	3 11 8	17°14'46	0♓17	5°29	12°48	3°49	12°26	10°46	1°47	19°20	1°57	27°54	26°48	18°54	n.a.	S 14
M15	3 15 5	18°15'58	13°25	7° 1	14° 3	4°35	12°40	10°53	1°47	19°22	1°56	27°55	26°45	19° 1	n.a.	M15
T 16	3 19 1	19°17'09	26°16	8°34	15°19	5°22	12°53	11° 0	1°D47	19°24	1°55	27°56	26°42	19° 8	n.a.	T 16
W17	3 22 58	20°18'21	8♈51	10° 6	16°35	6° 8	13° 7	11° 7	1°47	19°26	1°54	27°58	26°39	19°15	n.a.	W17
T 18	3 26 54	21°19'33	21°15	11°39	17°50	6°55	13°20	11°14	1°47	19°28	1°53	27°59	26°36	19°21	n.a.	T 18
F 19	3 30 51	22°20'46	3♉28	13°11	19° 6	7°41	13°34	11°21	1°48	19°30	1°52	27°R59	26°32	19°28	n.a.	F 19
S 20	3 34 47	23°21'59	15°33	14°44	20°21	8°28	13°47	11°28	1°48	19°32	1°51	27°58	26°29	19°35	n.a.	S 20
S 21	3 38 44	24°23'12	27°32	16°17	21°37	9°14	14° 1	11°35	1°48	19°34	1°50	27°55	26°26	19°41	n.a.	S 21
M22	3 42 41	25°24'26	9♊26	17°51	22°52	10° 1	14°15	11°42	1°48	19°36	1°49	27°51	26°23	19°48	n.a.	M22
T 23	3 46 37	26°25'40	21°17	19°24	24° 8	10°48	14°28	11°49	1°49	19°38	1°48	27°46	26°20	19°55	n.a.	T 23
W24	3 50 34	27°26'55	3♋ 8	20°58	25°24	11°35	14°42	11°56	1°49	19°40	1°46	27°41	26°17	20° 1	n.a.	W24
T 25	3 54 30	28°28'09	15° 0	22°32	26°39	12°21	14°56	12° 2	1°49	19°42	1°45	27°35	26°13	20° 8	n.a.	T 25
F 26	3 58 27	29°29'25	26°56	24° 6	27°55	13° 8	15°10	12° 9	1°50	19°44	1°44	27°30	26°10	20°15	n.a.	F 26
S 27	4 2 23	0♐30'40	9♌ 0	25°40	29°10	13°55	15°24	12°16	1°51	19°46	1°43	27°26	26° 7	20°22	n.a.	S 27
S 28	4 6 20	1°31'56	21°16	27°15	0♐26	14°42	15°37	12°23	1°51	19°47	1°43	27°24	26° 4	20°28	n.a.	S 28
M29	4 10 16	2°33'12	3♍47	28°50	1°41	15°29	15°51	12°30	1°52	19°49	1°42	27°D24	26° 1	20°35	n.a.	M29
T 30	4 14 13	3♐34'29	16♍38	0♐25	2♐57	16♐15	16♐ 5	12♏36	1♓52	19♎51	1♉41	27♈24	25♈58	20♊42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s 1	17n36	4n42	4s41	1n54	9s27	0n56	19s37	0s41	22s 9	0n 1	12s59	1n53	11s41	0s48	5s43	1n55	0n11	13s 0	10n53	10n43	27n 4		n.a.
T 2	13 21	12 13	4 2	5 19	1 48	9 57	0 54	19 49	0 41	22 11	0 1	13 1	1 53	11 41	0 48	5 43	1 55	0 11	13 0	10 54	10 41	27 5		n.a.
W 3	13 42	6 7	3 7	5 58	1 42	10 26	0 52	20 1	0 42	22 13	0 1	13 3	1 53	11 41	0 48	5 44	1 55	0 10	12 59	10 54	10 40	27 6		n.a.
T 4	14 2	0s28	2 1	6 37	1 36	10 54	0 50	20 12	0 42	22 15	0 1	13 6	1 52	11 41	0 48	5 45	1 55	0 10	12 59	10 54	10 39	27 7		n.a.
F 5	14 22	7 14	0 44	7 16	1 29	11 23	0 48	20 24	0 43	22 17	0 1	13 8	1 52	11 41	0 47	5 46	1 55	0 10	12 59	10 54	10 38	27 9		n.a.
S 6	14 42	13 47	0s36	7 55	1 23	11 51	0 46	20 35	0 43	22 19	0 1	13 10	1 52	11 42	0 47	5 47	1 55	0 9	12 59	10 54	10 37	27 10		n.a.
S 7	15 2	19 41	1 56	8 34	1 16	12 19	0 44	20 46	0 44	22 21	0 0	13 12	1 52	11 42	0 47	5 47	1 55	0 9	12 59	10 54	10 36	27 11		n.a.
M 8	15 21	24 23	3 8	9 14	1 10	12 47	0 41	20 57	0 44	22 23	0 0	13 15	1 52	11 42	0 47	5 48	1 55	0 9	12 59	10 54	10 35	27 12		n.a.
T 9	15 40	27 25	4 8	9 53	1 3	13 14	0 39	21 7	0 45	22 25	0 0	13 17	1 52	11 42	0 47	5 49	1 55	0 8	12 59	10 53	10 33	27 13		n.a.
W10	15 59	28 30	4 49	10 32	0 56	13 41	0 37	21 18	0 45	22 27	0 0	13 19	1 52	11 42	0 47	5 50	1 55	0 8	12 59	10 52	10 32	27 15		n.a.
T 11	16 18	27 33	5 12	11 10	0 49	14 8	0 35	21 28	0 46	22 29	0s 0	13 21	1 52	11 42	0 47	5 51	1 56	0 8	12 59	10 52	10 31	27 16		n.a.
F 12	16 36	24 50	5 15	11 49	0 42	14 34	0 33	21 38	0 46	22 31	0 0	13 24	1 52	11 42	0 47	5 51	1 56	0 8	12 59	10 51	10 30	27 17		n.a.
S 13	16 54	20 44	4 59	12 27	0 35	15 0	0 30	21 47	0 47	22 33	0 0	13 26	1 52	11 42	0 47	5 52	1 56	0 7	12 59	10 51	10 29	27 18		n.a.
S 14	17 12	15 40	4 27	13 5	0 28	15 26	0 28	21 57	0 47	22 35	0 0	13 28	1 52	11 42	0 47	5 53	1 56	0 7	12 59	10 51	10 28	27 19		n.a.
M15	17 29	10 0	3 42	13 42	0 21	15 51	0 26	22 6	0 48	22 36	0 0	13 30	1 52	11 42	0 47	5 54	1 56	0 7	12 58	10 52	10 26	27 20		n.a.
T 16	17 46	4 2	2 46	14 19	0 14	16 15	0 24	22 15	0 48	22 38	0 1	13 33	1 52	11 42	0 47	5 54	1 56	0 7	12 58	10 52	10 25	27 21		n.a.
W17	18 3	1n58	1 43	14 55	0 7	16 40	0 21	22 24	0 49	22 40	0 1	13 35	1 52	11 42	0 47	5 55	1 56	0 6	12 58	10 53	10 24	27 22		n.a.
T 18	18 19	7 49	0 37	15 31	0 0	17 3	0 19	22 32	0 49	22 42	0 1	13 37	1 52	11 42	0 47	5 56	1 56	0 6	12 58	10 53	10 23	27 24		n.a.
F 19	18 35	13 18	0n30	16 6	0s 6	17 27	0 17	22 41	0 49	22 44	0 1	13 39	1 52	11 42	0 47	5 57	1 56	0 6	12 58	10 53	10 22	27 25		n.a.
S 20	18 51	18 13	1 35	16 40	0 13	17 50	0 14	22 49	0 50	22 45	0 1	13 41	1 52	11 42	0 47	5 57	1 56	0 6	12 58	10 53	10 21	27 26		n.a.
S 21	19 6	22 22	2 35	17 14	0 20	18 12	0 12	22 57	0 50	22 47	0 1	13 43	1 52	11 42	0 47	5 58	1 56	0 5	12 58	10 52	10 19	27 27		n.a.
M22	19 21	25 34	3 28	17 47	0 26	18 34	0 10	23 4	0 51	22 49	0 1	13 46	1 52	11 42	0 47	5 59	1 56	0 5	12 58	10 50	10 18	27 28		n.a.
T 23	19 36	27 38	4 11	18 19	0 33	18 55	0 7	23 11	0 51	22 51	0 1	13 48	1 52	11 41	0 47	5 59	1 56	0 5	12 57	10 49	10 17	27 29		n.a.
W24	19 50	28 26	4 44	18 51	0 39	19 16	0 5	23 18	0 52	22 52	0 1	13 50	1 52	11 41	0 47	6 0	1 56	0 5	12 57	10 47	10 16	27 30		n.a.
T 25	20 4	27 55	5 4	19 21	0 45	19 37	0 2	23 25	0 52	22 54	0 2	13 52	1 52	11 41	0 47	6 1	1 56	0 5	12 57	10 45	10 15	27 31		n.a.
F 26	20 18	26 8	5 12	19 51	0 51	19 56	0 0	23 32	0 52	22 56	0 2	13 54	1 52	11 41	0 47	6 1	1 56	0 4	12 57	10 43	10 14	27 32		n.a.
S 27	20 31	23 8	5 6	20 20	0 57	20 16	0s 2	23 38	0 53	22 57	0 2	13 56	1 52	11 41	0 47	6 2	1 56	0 4	12 57	10 41	10 12	27 33		n.a.
S 28	20 44	19 5	4 45	20 48	1 3	20 34	0 5	23 44	0 53	22 59	0 2	13 58	1 52	11 40	0 47	6 3	1 56	0 4	12 57	10 41	10 11	27 34		n.a.
M29	20 56	14 8	4 11	21 15	1 8	20 52	0 7	23 49	0 54	23 1	0 2	14 0	1 52	11 40	0 47	6 3	1 56	0 4	12 56	10 40	10 10	27 35		n.a.
T 30	21s 8	8n28	3n24	21s41	1s13	21s10	0s 9	23s55	0s54	23s 2	0s 2	14s 2	1n52	11s40	0s46	6s 4	1n56	0n 4	12s56	10n41	10n 9	27n36		n.a.

Julian Day Number = 1596811.5, Delta T = 04h01m41s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'57, Lahiri = - 8°39'57 Julian Calendar 1 Nov. 342 BCE == Greg. Calendar 27 Oct. 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 342 BCE
geocentric

DECEMBER 342 BCE (-341) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 18 10	4♐35'45	29♍54	2♐ 1	4♐12	17♐ 2	16♐19	12♏43	1♓53	19♎53	1°R40	27♈26	25♈54	20♊48	n.a.	W 1
T 2	4 22 6	5°37'02	13♎37	3°37	5°28	17°49	16°33	12°50	1°54	19°54	1♉39	27°27	25°51	20°55	n.a.	T 2
F 3	4 26 3	6°38'19	27°48	5°13	6°43	18°36	16°47	12°56	1°55	19°56	1°38	27°R28	25°48	21° 2	n.a.	F 3
S 4	4 29 59	7°39'36	12♏26	6°49	7°59	19°23	17° 1	13° 3	1°56	19°58	1°37	27°27	25°45	21° 8	n.a.	S 4
S 5	4 33 56	8°40'54	27°25	8°26	9°14	20°10	17°15	13° 9	1°57	19°59	1°36	27°24	25°42	21°15	n.a.	S 5
M 6	4 37 52	9°42'11	12♐39	10° 4	10°30	20°57	17°29	13°16	1°58	20° 1	1°35	27°19	25°38	21°22	n.a.	M 6
T 7	4 41 49	10°43'28	27°57	11°42	11°45	21°45	17°43	13°23	1°59	20° 3	1°34	27°13	25°35	21°29	n.a.	T 7
W 8	4 45 46	11°44'44	13♑ 7	13°20	13° 1	22°32	17°57	13°29	2° 0	20° 4	1°33	27° 6	25°32	21°35	n.a.	W 8
T 9	4 49 42	12°46'00	28° 0	14°58	14°16	23°19	18°11	13°35	2° 1	20° 6	1°33	26°59	25°29	21°42	n.a.	T 9
F 10	4 53 39	13°47'15	12♒29	16°37	15°32	24° 6	18°25	13°42	2° 2	20° 7	1°32	26°53	25°26	21°49	n.a.	F 10
S 11	4 57 35	14°48'30	26°30	18°17	16°47	24°53	18°39	13°48	2° 4	20° 9	1°31	26°49	25°23	21°55	n.a.	S 11
S 12	5 1 32	15°49'44	10♓ 3	19°57	18° 2	25°40	18°53	13°55	2° 5	20°10	1°30	26°D48	25°19	22° 2	n.a.	S 12
M13	5 5 28	16°50'56	23°10	21°37	19°18	26°28	19° 8	14° 1	2° 6	20°12	1°29	26°48	25°16	22° 9	n.a.	M13
T 14	5 9 25	17°52'08	5♈54	23°17	20°33	27°15	19°22	14° 7	2° 8	20°13	1°29	26°49	25°13	22°15	n.a.	T 14
W15	5 13 21	18°53'20	18°20	24°58	21°49	28° 2	19°36	14°13	2° 9	20°15	1°28	26°50	25°10	22°22	n.a.	W15
T 16	5 17 18	19°54'30	0♉31	26°40	23° 4	28°49	19°50	14°19	2°11	20°16	1°27	26°R50	25° 7	22°29	n.a.	T 16
F 17	5 21 15	20°55'39	12°33	28°22	24°19	29°37	20° 4	14°25	2°12	20°17	1°27	26°49	25° 4	22°36	n.a.	F 17
S 18	5 25 11	21°56'48	24°29	0♑ 4	25°35	0♑24	20°18	14°32	2°14	20°19	1°26	26°45	25° 0	22°42	n.a.	S 18
S 19	5 29 8	22°57'56	6♊21	1°46	26°50	1°11	20°32	14°38	2°15	20°20	1°25	26°38	24°57	22°49	n.a.	S 19
M20	5 33 4	23°59'03	18°12	3°28	28° 5	1°58	20°46	14°44	2°17	20°21	1°25	26°29	24°54	22°56	n.a.	M20
T 21	5 37 1	25° 0'09	0♋ 3	5°11	29°21	2°46	21° 0	14°49	2°19	20°22	1°24	26°18	24°51	23° 2	n.a.	T 21
W22	5 40 57	26° 1'14	11°57	6°53	0♑36	3°33	21°14	14°55	2°20	20°23	1°23	26° 6	24°48	23° 9	n.a.	W22
T 23	5 44 54	27° 2'19	23°53	8°36	1°51	4°20	21°28	15° 1	2°22	20°25	1°23	25°54	24°44	23°16	n.a.	T 23
F 24	5 48 51	28° 3'22	5♌55	10°18	3° 6	5° 8	21°43	15° 7	2°24	20°26	1°22	25°42	24°41	23°22	n.a.	F 24
S 25	5 52 47	29° 4'25	18° 3	11°59	4°22	5°55	21°57	15°13	2°26	20°27	1°22	25°33	24°38	23°29	n.a.	S 25
S 26	5 56 44	0♑ 5'27	0♍21	13°40	5°37	6°42	22°11	15°18	2°28	20°28	1°21	25°26	24°35	23°36	n.a.	S 26
M27	6 0 40	1° 6'29	12°52	15°20	6°52	7°30	22°25	15°24	2°30	20°29	1°21	25°22	24°32	23°43	n.a.	M27
T 28	6 4 37	2° 7'29	25°39	16°58	8° 7	8°17	22°39	15°29	2°32	20°30	1°20	25°21	24°29	23°49	n.a.	T 28
W29	6 8 33	3° 8'28	8♎46	18°35	9°23	9° 5	22°53	15°35	2°34	20°31	1°20	25°D20	24°25	23°56	n.a.	W29
T 30	6 12 30	4° 9'27	22°17	20°10	10°38	9°52	23° 7	15°40	2°36	20°32	1°19	25°R21	24°22	24° 3	n.a.	T 30
F 31	6 16 26	5♑10'25	6♏15	21♑42	11♑53	10♑39	23♐21	15♏46	2♓38	20♎33	1♉19	25♈20	24♈19	24♊ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s19	2n15	2n24	22s 6	1s19	21s27	0s12	24s 0	0s54	23s 4	0s 2	14s 4	1n52	11s39	0s46	6s 5	1n56	0n 4	12s56	10n41	10n 8	27n37			n.a.
T 2	21 31	4s18	1 15	22 30	1 23	21 43	0 14	24 5	0 55	23 5	0 2	14 6	1 52	11 39	0 46	6 5	1 56	0 3	12 56	10 42	10 7	27 38			n.a.
F 3	21 41	10 51	0s 2	22 53	1 28	21 58	0 16	24 10	0 55	23 7	0 2	14 8	1 52	11 39	0 46	6 6	1 56	0 3	12 56	10 42	10 5	27 39			n.a.
S 4	21 52	17 2	1 20	23 15	1 33	22 13	0 19	24 14	0 56	23 8	0 2	14 10	1 52	11 38	0 46	6 6	1 56	0 3	12 56	10 42	10 4	27 40			n.a.
S 5	22 2	22 21	2 35	23 35	1 37	22 28	0 21	24 18	0 56	23 10	0 3	14 12	1 52	11 38	0 46	6 7	1 56	0 3	12 55	10 41	10 3	27 41			n.a.
M 6	22 11	26 14	3 40	23 54	1 41	22 41	0 23	24 22	0 56	23 11	0 3	14 14	1 52	11 38	0 46	6 8	1 56	0 3	12 55	10 39	10 2	27 42			n.a.
T 7	22 20	28 13	4 29	24 12	1 45	22 54	0 26	24 25	0 57	23 13	0 3	14 16	1 52	11 37	0 46	6 8	1 57	0 3	12 55	10 36	10 1	27 43			n.a.
W 8	22 29	28 3	4 59	24 28	1 48	23 6	0 28	24 28	0 57	23 14	0 3	14 18	1 52	11 37	0 46	6 9	1 57	0 3	12 55	10 34	10 0	27 44			n.a.
T 9	22 37	25 51	5 8	24 43	1 51	23 18	0 30	24 31	0 57	23 15	0 3	14 20	1 52	11 36	0 46	6 9	1 57	0 3	12 54	10 31	9 58	27 45			n.a.
F 10	22 44	22 1	4 57	24 57	1 54	23 29	0 32	24 34	0 58	23 17	0 3	14 22	1 52	11 36	0 46	6 10	1 57	0 3	12 54	10 29	9 57	27 46			n.a.
S 11	22 52	17 2	4 28	25 9	1 57	23 39	0 35	24 36	0 58	23 18	0 3	14 24	1 52	11 35	0 46	6 10	1 57	0 3	12 54	10 28	9 56	27 47			n.a.
S 12	22 58	11 21	3 45	25 20	1 59	23 48	0 37	24 38	0 58	23 19	0 3	14 25	1 52	11 35	0 46	6 11	1 57	0 3	12 54	10 27	9 55	27 48			n.a.
M13	23 5	5 22	2 51	25 29	2 1	23 57	0 39	24 40	0 59	23 21	0 3	14 27	1 52	11 34	0 46	6 11	1 57	0 3	12 54	10 27	9 54	27 48			n.a.
T 14	23 11	0n41	1 50	25 36	2 2	24 5	0 41	24 41	0 59	23 22	0 4	14 29	1 53	11 34	0 46	6 12	1 57	0 2	12 53	10 28	9 53	27 49			n.a.
W15	23 16	6 34	0 46	25 42	2 3	24 12	0 43	24 43	0 59	23 23	0 4	14 31	1 53	11 33	0 46	6 12	1 57	0 2	12 53	10 28	9 51	27 50			n.a.
T 16	23 21	12 6	0n20	25 46	2 4	24 18	0 45	24 43	0 59	23 24	0 4	14 33	1 53	11 33	0 46	6 13	1 57	0 2	12 53	10 28	9 50	27 51			n.a.
F 17	23 25	17 7	1 23	25 48	2 4	24 24	0 47	24 44	1 0	23 26	0 4	14 34	1 53	11 32	0 46	6 13	1 57	0 2	12 53	10 28	9 49	27 52			n.a.
S 18	23 29	21 26	2 23	25 48	2 4	24 29	0 49	24 44	1 0	23 27	0 4	14 36	1 53	11 31	0 46	6 14	1 57	0 2	12 52	10 26	9 48	27 53			n.a.
S 19	23 33	24 50	3 15	25 46	2 3	24 33	0 51	24 44	1 0	23 28	0 4	14 38	1 53	11 31	0 46	6 14	1 57	0 2	12 52	10 24	9 47	27 54			n.a.
M20	23 36	27 10	3 59	25 43	2 1	24 36	0 53	24 44	1 1	23 29	0 4	14 40	1 53	11 30	0 46	6 14	1 57	0 2	12 52	10 21	9 45	27 55			n.a.
T 21	23 39	28 17	4 32	25 37	1 59	24 39	0 55	24 43	1 1	23 30	0 4	14 41	1 53	11 29	0 46	6 15	1 57	0 2	12 52	10 17	9 44	27 55			n.a.
W22	23 41	28 4	4 54	25 30	1 57	24 41	0 57	24 42	1 1	23 31	0 4	14 43	1 53	11 29	0 46	6 15	1 57	0 3	12 51	10 12	9 43	27 56			n.a.
T 23	23 42	26 34	5 3	25 21	1 54	24 42	0 59	24 41	1 1	23 32	0 5	14 45	1 53	11 28	0 46	6 16	1 57	0 3	12 51	10 8	9 42	27 57			n.a.
F 24	23 43	23 50	4 58	25 10	1 50	24 42	1 0	24 40	1 2	23 33	0 5	14 46	1 53	11 27	0 46	6 16	1 57	0 3	12 51	10 3	9 41	27 58			n.a.
S 25	23 44	20 3	4 40	24 56	1 45	24 42	1 2	24 38	1 2	23 34	0 5	14 48	1 53	11 27	0 46	6 16	1 58	0 3	12 51	10 0	9 40	27 59			n.a.
S 26	23 44	15 22	4 9	24 41	1 40	24 41	1 4	24 36	1 2	23 35	0 5	14 49	1 53	11 26	0 45	6 17	1 58	0 3	12 50	9 57	9 38	27 59			n.a.
M27	23 44	9 58	3 26	24 24	1 34	24 39	1 5	24 33	1 2	23 36	0 5	14 51	1 53	11 25	0 45	6 17	1 58	0 3	12 50	9 56	9 37	28 0			n.a.
T 28	23 43	4 3	2 31	24 5	1 27	24 36	1 7	24 31	1 2	23 37	0 5	14 53	1 53	11 24	0 45	6 17	1 58	0 3	12 50	9 55	9 36	28 1			n.a.
W29	23 42	2s11	1 27	23 45	1 20	24 32	1 8	24 28	1 3	23 38	0 5	14 54	1 54	11 24	0 45	6 18	1 58	0 3	12 49	9 55	9 35	28 2			n.a.
T 30	23 40	8 32	0 16	23 23	1 11	24 28	1 10	24 25	1 3	23 39	0 5	14 56	1 54	11 23	0 45	6 18	1 58	0 3	12 49	9 55	9 34	28 3			n.a.
F 31	23s38	14s40	0s58	22s59	1s 2	24s23	1s11	24s21	1s 3	23s40	0s 5	14s57	1n54	11s22	0s45	6s18	1n58	0n 3	12s49	9n55	9n33	28n 3			n.a.

Julian Day Number = 1596841.5, Delta T = 04h01m40s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'53, Lahiri = - 8°39'53 Julian Calendar 1 Dec. 342 BCE == Greg. Calendar 26 Nov. 342 BCE

The year -341 astronomical counting style corresponds to year 342 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

JANUARY 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 20 23	6♑11'22	20♏39	23♑12	13♑ 8	11♑27	23♐35	15♏51	2♓41	20♎34	1°R18	25°R18	24♈16	24♊16	n.a.	S 1
S 2	6 24 20	7°12'18	5♐28	24°37	14°23	12°14	23°49	15°56	2°43	20°35	1♉18	25♈13	24°13	24°23	n.a.	S 2
M 3	6 28 16	8°13'13	20°36	25°59	15°39	13° 2	24° 3	16° 1	2°45	20°35	1°17	25° 5	24°10	24°30	n.a.	M 3
T 4	6 32 13	9°14'07	5♑54	27°16	16°54	13°49	24°16	16° 7	2°47	20°36	1°17	24°55	24° 6	24°36	n.a.	T 4
W 5	6 36 9	10°15'00	21°11	28°27	18° 9	14°37	24°30	16°12	2°50	20°37	1°17	24°44	24° 3	24°43	n.a.	W 5
T 6	6 40 6	11°15'51	6♒15	29°31	19°24	15°24	24°44	16°17	2°52	20°38	1°16	24°33	24° 0	24°50	n.a.	T 6
F 7	6 44 2	12°16'41	20°57	0♒29	20°39	16°11	24°58	16°22	2°55	20°38	1°16	24°23	23°57	24°56	n.a.	F 7
S 8	6 47 59	13°17'28	5♓10	1°18	21°54	16°59	25°12	16°26	2°57	20°39	1°16	24°16	23°54	25° 3	n.a.	S 8
S 9	6 51 55	14°18'15	18°53	1°59	23° 9	17°46	25°25	16°31	2°59	20°40	1°16	24°11	23°50	25°10	n.a.	S 9
M10	6 55 52	15°18'59	2♈ 7	2°31	24°24	18°34	25°39	16°36	3° 2	20°40	1°15	24° 9	23°47	25°16	n.a.	M10
T 11	6 59 49	16°19'41	14°54	2°52	25°39	19°21	25°53	16°40	3° 5	20°41	1°15	24°D 9	23°44	25°23	n.a.	T 11
W12	7 3 45	17°20'22	27°19	3° 4	26°54	20° 8	26° 7	16°45	3° 7	20°41	1°15	24°R 9	23°41	25°30	n.a.	W12
T 13	7 7 42	18°21'01	9♉29	3°R 4	28° 9	20°56	26°20	16°50	3°10	20°42	1°15	24° 8	23°38	25°37	n.a.	T 13
F 14	7 11 38	19°21'38	21°27	2°54	29°24	21°43	26°34	16°54	3°12	20°42	1°15	24° 5	23°35	25°43	n.a.	F 14
S 15	7 15 35	20°22'13	3♊18	2°34	0♒39	22°30	26°47	16°58	3°15	20°43	1°15	24° 0	23°31	25°50	n.a.	S 15
S 16	7 19 31	21°22'47	15° 8	2° 4	1°54	23°18	27° 1	17° 3	3°18	20°43	1°15	23°52	23°28	25°57	n.a.	S 16
M17	7 23 28	22°23'18	26°58	1°24	3° 9	24° 5	27°14	17° 7	3°21	20°43	1°15	23°41	23°25	26° 3	n.a.	M17
T 18	7 27 25	23°23'48	8♋51	0°36	4°24	24°52	27°28	17°11	3°23	20°44	1°14	23°28	23°22	26°10	n.a.	T 18
W19	7 31 21	24°24'16	20°50	29♑42	5°39	25°40	27°41	17°15	3°26	20°44	1°14	23°13	23°19	26°17	n.a.	W19
T 20	7 35 18	25°24'43	2♌55	28°41	6°54	26°27	27°54	17°19	3°29	20°44	1°D14	22°59	23°16	26°24	n.a.	T 20
F 21	7 39 14	26°25'07	15° 7	27°38	8° 9	27°14	28° 8	17°23	3°32	20°44	1°14	22°45	23°12	26°30	n.a.	F 21
S 22	7 43 11	27°25'30	27°26	26°32	9°23	28° 2	28°21	17°26	3°35	20°45	1°14	22°33	23° 9	26°37	n.a.	S 22
S 23	7 47 7	28°25'51	9♍55	25°25	10°38	28°49	28°34	17°30	3°38	20°45	1°15	22°24	23° 6	26°44	n.a.	S 23
M24	7 51 4	29°26'10	22°35	24°20	11°53	29°36	28°47	17°34	3°41	20°45	1°15	22°19	23° 3	26°50	n.a.	M24
T 25	7 55 0	0♒26'28	5♎28	23°18	13° 8	0♒23	29° 0	17°37	3°44	20°45	1°15	22°16	23° 0	26°57	n.a.	T 25
W26	7 58 57	1°26'44	18°36	22°19	14°22	1°11	29°13	17°41	3°47	20°45	1°15	22°D15	22°56	27° 4	n.a.	W26
T 27	8 2 53	2°26'59	2♏ 2	21°26	15°37	1°58	29°26	17°44	3°50	20°R45	1°15	22°R15	22°53	27°11	n.a.	T 27
F 28	8 6 50	3°27'12	15°49	20°38	16°52	2°45	29°39	17°47	3°53	20°45	1°15	22°15	22°50	27°17	n.a.	F 28
S 29	8 10 47	4°27'23	29°58	19°57	18° 6	3°32	29°52	17°51	3°56	20°45	1°15	22°13	22°47	27°24	n.a.	S 29
S 30	8 14 43	5°27'33	14♐29	19°22	19°21	4°19	0♑ 5	17°54	3°59	20°45	1°16	22° 8	22°44	27°31	n.a.	S 30
M31	8 18 40	6♒27'42	29♐17	18♑55	20♒36	5♒ 6	0♑18	17♏57	4♓ 2	20♎45	1♉16	22♈ 1	22♈41	27♊37	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s36	20s13	2s10	22s34	0s52	24s17	1s13	24s17	1s 3	23s40	0s 6	14s58	1n54	11s21	0s45	6s19	1n58	0n 3	12s49	9n54	9n31	28n 4		n.a.
S 2	23 32	24 41	3 16	22 8	0 41	24 11	1 14	24 13	1 3	23 41	0 6	15 0	1 54	11 20	0 45	6 19	1 58	0 4	12 48	9 53	9 30	28 5		n.a.
M 3	23 29	27 32	4 9	21 41	0 29	24 3	1 15	24 9	1 4	23 42	0 6	15 1	1 54	11 19	0 45	6 19	1 58	0 4	12 48	9 50	9 29	28 6		n.a.
T 4	23 25	28 21	4 45	21 13	0 16	23 55	1 16	24 4	1 4	23 43	0 6	15 3	1 54	11 19	0 45	6 19	1 58	0 4	12 48	9 46	9 28	28 6		n.a.
W 5	23 20	26 59	5 0	20 46	0 2	23 46	1 18	23 59	1 4	23 43	0 6	15 4	1 54	11 18	0 45	6 20	1 58	0 4	12 48	9 42	9 27	28 7		n.a.
T 6	23 15	23 42	4 55	20 18	0n13	23 37	1 19	23 54	1 4	23 44	0 6	15 5	1 54	11 17	0 45	6 20	1 58	0 4	12 47	9 38	9 25	28 8		n.a.
F 7	23 10	18 56	4 30	19 51	0 28	23 27	1 20	23 48	1 4	23 45	0 6	15 7	1 54	11 16	0 45	6 20	1 58	0 4	12 47	9 34	9 24	28 8		n.a.
S 8	23 4	13 16	3 48	19 24	0 44	23 16	1 21	23 42	1 4	23 45	0 6	15 8	1 54	11 15	0 45	6 20	1 58	0 4	12 47	9 31	9 23	28 9		n.a.
S 9	22 58	7 8	2 55	18 59	1 1	23 4	1 22	23 36	1 4	23 46	0 6	15 9	1 55	11 14	0 45	6 20	1 59	0 5	12 46	9 30	9 22	28 10		n.a.
M10	22 51	0 53	1 54	18 35	1 18	22 52	1 23	23 30	1 4	23 46	0 7	15 11	1 55	11 13	0 45	6 20	1 59	0 5	12 46	9 29	9 21	28 10		n.a.
T 11	22 44	5n12	0 49	18 13	1 35	22 39	1 23	23 23	1 5	23 47	0 7	15 12	1 55	11 12	0 45	6 21	1 59	0 5	12 46	9 29	9 20	28 11		n.a.
W12	22 36	10 55	0n17	17 54	1 52	22 25	1 24	23 16	1 5	23 48	0 7	15 13	1 55	11 11	0 45	6 21	1 59	0 5	12 45	9 29	9 18	28 12		n.a.
T 13	22 28	16 6	1 20	17 37	2 9	22 10	1 25	23 9	1 5	23 48	0 7	15 14	1 55	11 10	0 45	6 21	1 59	0 6	12 45	9 28	9 17	28 12		n.a.
F 14	22 19	20 35	2 19	17 23	2 26	21 55	1 26	23 2	1 5	23 49	0 7	15 15	1 55	11 9	0 45	6 21	1 59	0 6	12 45	9 27	9 16	28 13		n.a.
S 15	22 10	24 12	3 11	17 13	2 42	21 40	1 26	22 54	1 5	23 49	0 7	15 16	1 55	11 8	0 45	6 21	1 59	0 6	12 45	9 26	9 15	28 14		n.a.
S 16	22 1	26 47	3 54	17 5	2 56	21 23	1 27	22 46	1 5	23 49	0 7	15 18	1 55	11 7	0 45	6 21	1 59	0 6	12 44	9 23	9 14	28 14		n.a.
M17	21 51	28 10	4 28	17 1	3 10	21 6	1 27	22 38	1 5	23 50	0 7	15 19	1 55	11 6	0 45	6 21	1 59	0 7	12 44	9 18	9 12	28 15		n.a.
T 18	21 41	28 15	4 50	16 59	3 22	20 49	1 27	22 29	1 5	23 50	0 7	15 20	1 56	11 5	0 45	6 21	1 59	0 7	12 44	9 13	9 11	28 16		n.a.
W19	21 30	27 1	4 59	17 1	3 32	20 31	1 28	22 21	1 5	23 51	0 8	15 21	1 56	11 4	0 45	6 21	1 59	0 7	12 43	9 8	9 10	28 16		n.a.
T 20	21 19	24 31	4 55	17 5	3 40	20 12	1 28	22 12	1 5	23 51	0 8	15 22	1 56	11 3	0 45	6 21	1 59	0 7	12 43	9 2	9 9	28 17		n.a.
F 21	21 8	20 55	4 37	17 12	3 46	19 53	1 28	22 2	1 5	23 51	0 8	15 23	1 56	11 2	0 45	6 21	1 59	0 8	12 43	8 57	9 8	28 17		n.a.
S 22	20 56	16 21	4 6	17 22	3 49	19 33	1 28	21 53	1 5	23 52	0 8	15 24	1 56	11 1	0 45	6 21	1 59	0 8	12 42	8 53	9 6	28 18		n.a.
S 23	20 44	11 4	3 23	17 32	3 51	19 12	1 28	21 43	1 5	23 52	0 8	15 25	1 56	11 0	0 45	6 21	1 59	0 8	12 42	8 50	9 5	28 19		n.a.
M24	20 31	5 16	2 30	17 45	3 50	18 51	1 28	21 33	1 5	23 52	0 8	15 25	1 56	10 59	0 45	6 21	2 0	0 9	12 42	8 48	9 4	28 19		n.a.
T 25	20 19	0s52	1 28	17 59	3 47	18 30	1 28	21 23	1 5	23 52	0 8	15 26	1 56	10 57	0 45	6 21	2 0	0 9	12 42	8 46	9 3	28 20		n.a.
W26	20 5	7 5	0 19	18 13	3 42	18 8	1 28	21 13	1 5	23 53	0 8	15 27	1 57	10 56	0 45	6 21	2 0	0 9	12 41	8 46	9 2	28 20		n.a.
T 27	19 52	13 8	0s51	18 28	3 35	17 45	1 28	21 2	1 5	23 53	0 9	15 28	1 57	10 55	0 45	6 21	2 0	0 10	12 41	8 46	9 0	28 21		n.a.
F 28	19 38	18 43	2 1	18 43	3 27	17 22	1 28	20 51	1 5	23 53	0 9	15 29	1 57	10 54	0 45	6 21	2 0	0 10	12 41	8 46	8 59	28 21		n.a.
S 29	19 23	23 25	3 5	18 59	3 17	16 59	1 27	20 40	1 5	23 53	0 9	15 30	1 57	10 53	0 45	6 21	2 0	0 10	12 40	8 45	8 58	28 22		n.a.
S 30	19 8	26 47	3 59	19 14	3 7	16 35	1 27	20 29	1 5	23 53	0 9	15 30	1 57	10 52	0 45	6 21	2 0	0 11	12 40	8 43	8 57	28 22		n.a.
M31	18s53	28s22	4s38	19s30	2n55	16s10	1s26	20s17	1s 5	23s53	0s 9	15s31	1n57	10s51	0s45	6s21	2n 0	0n11	12s40	8n41	8n56	28n23		n.a.

Julian Day Number = 1596872.5, Delta T = 04h01m39s
Ecliptic obliquity = 23°44'19, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'49, Lahiri = - 8°39'48 Julian Calendar 1 Jan. 341 BCE == Greg. Calendar 27 Dec. 342 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

FEBRUARY 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 22 36	7♒27'48	14♑17	18°R34	21♒50	5♒53	0♑30	18♏ 0	4♓ 5	20°R44	1♉16	21°R51	22♈37	27♊44	n.a.	T 1
W 2	8 26 33	8°27'53	29°19	18♑21	23° 5	6°41	0°43	18° 3	4° 8	20♎44	1°16	21♈40	22°34	27°51	n.a.	W 2
T 3	8 30 29	9°27'55	14♒15	18°14	24°19	7°28	0°56	18° 5	4°11	20°44	1°17	21°29	22°31	27°58	n.a.	T 3
F 4	8 34 26	10°27'56	28°54	18°D14	25°34	8°15	1° 8	18° 8	4°15	20°44	1°17	21°19	22°28	28° 4	n.a.	F 4
S 5	8 38 23	11°27'54	13♓ 9	18°20	26°49	9° 2	1°21	18°11	4°18	20°44	1°17	21°12	22°25	28°11	n.a.	S 5
S 6	8 42 19	12°27'50	26°57	18°32	28° 3	9°49	1°33	18°13	4°21	20°43	1°18	21° 7	22°22	28°18	n.a.	S 6
M 7	8 46 16	13°27'44	10♈16	18°49	29°17	10°36	1°45	18°16	4°24	20°43	1°18	21° 5	22°18	28°24	n.a.	M 7
T 8	8 50 12	14°27'35	23°10	19°12	0♓32	11°23	1°57	18°18	4°28	20°42	1°18	21°D 4	22°15	28°31	n.a.	T 8
W 9	8 54 9	15°27'24	5♉40	19°39	1°46	12°10	2°10	18°20	4°31	20°42	1°19	21° 5	22°12	28°38	n.a.	W 9
T 10	8 58 5	16°27'11	17°52	20°12	3° 1	12°56	2°22	18°22	4°34	20°42	1°19	21°R 5	22° 9	28°44	n.a.	T 10
F 11	9 2 2	17°26'55	29°52	20°48	4°15	13°43	2°34	18°24	4°37	20°41	1°20	21° 4	22° 6	28°51	n.a.	F 11
S 12	9 5 58	18°26'38	11♊45	21°29	5°29	14°30	2°45	18°26	4°41	20°41	1°20	21° 1	22° 2	28°58	n.a.	S 12
S 13	9 9 55	19°26'17	23°35	22°13	6°43	15°17	2°57	18°28	4°44	20°40	1°21	20°56	21°59	29° 5	n.a.	S 13
M14	9 13 51	20°25'55	5♋27	23° 1	7°58	16° 4	3° 9	18°30	4°47	20°39	1°21	20°48	21°56	29°11	n.a.	M14
T 15	9 17 48	21°25'30	17°24	23°52	9°12	16°50	3°21	18°31	4°51	20°39	1°22	20°38	21°53	29°18	n.a.	T 15
W16	9 21 45	22°25'03	29°28	24°47	10°26	17°37	3°32	18°33	4°54	20°38	1°22	20°27	21°50	29°25	n.a.	W16
T 17	9 25 41	23°24'33	11♌42	25°44	11°40	18°24	3°44	18°34	4°57	20°38	1°23	20°16	21°47	29°31	n.a.	T 17
F 18	9 29 38	24°24'02	24° 7	26°44	12°54	19°10	3°55	18°36	5° 1	20°37	1°24	20° 6	21°43	29°38	n.a.	F 18
S 19	9 33 34	25°23'28	6♍42	27°47	14° 8	19°57	4° 6	18°37	5° 4	20°36	1°24	19°57	21°40	29°45	n.a.	S 19
S 20	9 37 31	26°22'52	19°29	28°52	15°22	20°44	4°18	18°38	5° 8	20°35	1°25	19°51	21°37	29°52	n.a.	S 20
M21	9 41 27	27°22'14	2♎26	29°59	16°36	21°30	4°29	18°39	5°11	20°35	1°26	19°47	21°34	29°58	n.a.	M21
T 22	9 45 24	28°21'34	15°36	1♒ 9	17°50	22°17	4°40	18°40	5°14	20°34	1°26	19°D46	21°31	0♋ 5	n.a.	T 22
W23	9 49 20	29°20'52	28°57	2°21	19° 4	23° 3	4°51	18°41	5°18	20°33	1°27	19°46	21°27	0°12	n.a.	W23
T 24	9 53 17	0♓20'08	12♏32	3°35	20°18	23°49	5° 2	18°42	5°21	20°32	1°28	19°47	21°24	0°18	n.a.	T 24
F 25	9 57 14	1°19'22	26°20	4°51	21°32	24°36	5°12	18°42	5°25	20°31	1°28	19°R48	21°21	0°25	n.a.	F 25
S 26	10 1 10	2°18'35	10♐22	6° 9	22°46	25°22	5°23	18°43	5°28	20°30	1°29	19°48	21°18	0°32	n.a.	S 26
S 27	10 5 7	3°17'46	24°39	7°28	24° 0	26° 9	5°34	18°43	5°31	20°29	1°30	19°46	21°15	0°39	n.a.	S 27
M28	10 9 3	4°16'55	9♑ 6	8°50	25°13	26°55	5°44	18°44	5°35	20°28	1°31	19°42	21°12	0°45	n.a.	M28
T 29	10 13 0	5♓16'02	23♑41	10♒13	26♓27	27♒41	5♑54	18♏44	5♓38	20♎27	1♉32	19♈36	21♈ 8	0♋52	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s38	27s54	4s58	19s44	2n43	15s45	1s26	20s 5	1s 5	23s53	0s 9	15s32	1n57	10s49	0s45	6s21	2n 0	0n11	12s39	8n37	8n55	28n23		n.a.
W 2	18 22	25 24	4 58	19 59	2 31	15 20	1 25	19 53	1 5	23 53	0 9	15 32	1 58	10 48	0 44	6 21	2 0	0 12	12 39	8 33	8 53	28 24		n.a.
T 3	18 6	21 11	4 38	20 12	2 18	14 54	1 25	19 41	1 5	23 54	0 9	15 33	1 58	10 47	0 44	6 20	2 0	0 12	12 39	8 29	8 52	28 24		n.a.
F 4	17 50	15 44	3 59	20 25	2 5	14 28	1 24	19 29	1 5	23 54	0 10	15 34	1 58	10 46	0 44	6 20	2 0	0 12	12 39	8 25	8 51	28 25		n.a.
S 5	17 33	9 34	3 7	20 38	1 51	14 2	1 23	19 16	1 5	23 54	0 10	15 34	1 58	10 45	0 44	6 20	2 0	0 13	12 38	8 22	8 50	28 25		n.a.
S 6	17 17	3 8	2 4	20 49	1 38	13 35	1 22	19 3	1 5	23 54	0 10	15 35	1 58	10 43	0 44	6 20	2 0	0 13	12 38	8 20	8 49	28 26		n.a.
M 7	16 59	3n15	0 57	21 0	1 25	13 8	1 21	18 50	1 5	23 54	0 10	15 35	1 58	10 42	0 44	6 20	2 0	0 14	12 38	8 19	8 47	28 26		n.a.
T 8	16 42	9 17	0n11	21 9	1 12	12 40	1 20	18 37	1 5	23 53	0 10	15 36	1 58	10 41	0 44	6 20	2 0	0 14	12 37	8 19	8 46	28 27		n.a.
W 9	16 24	14 47	1 17	21 18	0 59	12 13	1 19	18 24	1 5	23 53	0 10	15 36	1 59	10 40	0 44	6 19	2 1	0 14	12 37	8 19	8 45	28 27		n.a.
T 10	16 6	19 34	2 18	21 26	0 47	11 44	1 18	18 10	1 5	23 53	0 10	15 37	1 59	10 39	0 44	6 19	2 1	0 15	12 37	8 20	8 44	28 27		n.a.
F 11	15 48	23 29	3 11	21 32	0 35	11 16	1 17	17 57	1 5	23 53	0 10	15 37	1 59	10 37	0 44	6 19	2 1	0 15	12 36	8 19	8 43	28 28		n.a.
S 12	15 29	26 22	3 56	21 37	0 23	10 47	1 16	17 43	1 4	23 53	0 11	15 37	1 59	10 36	0 44	6 19	2 1	0 16	12 36	8 18	8 41	28 28		n.a.
S 13	15 11	28 5	4 30	21 42	0 11	10 18	1 14	17 29	1 4	23 53	0 11	15 38	1 59	10 35	0 44	6 18	2 1	0 16	12 36	8 16	8 40	28 29		n.a.
M14	14 52	28 30	4 53	21 45	0 0	9 49	1 13	17 14	1 4	23 53	0 11	15 38	1 59	10 34	0 44	6 18	2 1	0 17	12 36	8 13	8 39	28 29		n.a.
T 15	14 32	27 36	5 3	21 47	0s11	9 19	1 12	17 0	1 4	23 53	0 11	15 39	1 59	10 32	0 44	6 18	2 1	0 17	12 35	8 9	8 38	28 29		n.a.
W16	14 13	25 24	5 0	21 47	0 21	8 50	1 10	16 46	1 4	23 53	0 11	15 39	2 0	10 31	0 44	6 17	2 1	0 18	12 35	8 5	8 37	28 30		n.a.
T 17	13 53	22 1	4 43	21 46	0 31	8 20	1 9	16 31	1 4	23 52	0 11	15 39	2 0	10 30	0 44	6 17	2 1	0 18	12 35	8 1	8 35	28 30		n.a.
F 18	13 33	17 37	4 13	21 44	0 41	7 50	1 7	16 16	1 4	23 52	0 11	15 39	2 0	10 29	0 44	6 17	2 1	0 19	12 34	7 57	8 34	28 30		n.a.
S 19	13 13	12 24	3 29	21 41	0 50	7 19	1 5	16 1	1 4	23 52	0 12	15 39	2 0	10 27	0 44	6 17	2 1	0 19	12 34	7 54	8 33	28 31		n.a.
S 20	12 53	6 35	2 35	21 36	0 59	6 49	1 4	15 46	1 3	23 52	0 12	15 40	2 0	10 26	0 44	6 16	2 1	0 19	12 34	7 51	8 32	28 31		n.a.
M21	12 32	0 25	1 32	21 30	1 7	6 18	1 2	15 31	1 3	23 51	0 12	15 40	2 0	10 25	0 44	6 16	2 1	0 20	12 34	7 50	8 31	28 32		n.a.
T 22	12 12	5s52	0 22	21 22	1 15	5 47	1 0	15 15	1 3	23 51	0 12	15 40	2 0	10 24	0 44	6 15	2 1	0 20	12 33	7 49	8 29	28 32		n.a.
W23	11 51	12 0	0s49	21 13	1 22	5 16	0 58	14 59	1 3	23 51	0 12	15 40	2 1	10 22	0 44	6 15	2 1	0 21	12 33	7 49	8 28	28 32		n.a.
T 24	11 30	17 41	1 59	21 3	1 29	4 45	0 56	14 44	1 3	23 51	0 12	15 40	2 1	10 21	0 44	6 15	2 1	0 21	12 33	7 50	8 27	28 32		n.a.
F 25	11 8	22 33	3 4	20 51	1 36	4 14	0 54	14 28	1 2	23 50	0 12	15 40	2 1	10 20	0 44	6 14	2 1	0 22	12 33	7 50	8 26	28 33		n.a.
S 26	10 47	26 13	3 58	20 37	1 42	3 42	0 52	14 12	1 2	23 50	0 12	15 40	2 1	10 18	0 44	6 14	2 2	0 22	12 32	7 50	8 25	28 33		n.a.
S 27	10 25	28 17	4 39	20 22	1 48	3 11	0 50	13 56	1 2	23 50	0 13	15 40	2 1	10 17	0 44	6 14	2 2	0 23	12 32	7 49	8 23	28 33		n.a.
M28	10 4	28 27	5 3	20 6	1 53	2 39	0 48	13 40	1 2	23 50	0 13	15 40	2 1	10 16	0 44	6 13	2 2	0 23	12 32	7 48	8 22	28 34		n.a.
T 29	9s42	26s40	5s 7	19s48	1s58	2s 8	0s46	13s23	1s 2	23s49	0s13	15s40	2n 2	10s15	0s44	6s13	2n 2	0n24	12s32	7n46	8n21	28n34		n.a.

Julian Day Number = 1596903.5, Delta T = 04h01m37s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'45, Lahiri = - 8°39'44 Julian Calendar 1 Feb. 341 BCE == Greg. Calendar 27 Jan. 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

MARCH 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 16 56	6♓15'07	8♒17	11♒38	27♓41	28♒27	6♑ 5	18♏44	5♓42	20°R26	1♉32	19°R30	21♈ 5	0♋59	n.a.	W 1
T 2	10 20 53	7°14'10	22°48	13° 4	28°55	29°13	6°15	18°R44	5°45	20♎25	1°33	19♈23	21° 2	1° 5	n.a.	T 2
F 3	10 24 49	8°13'11	7♓ 7	14°33	0♈ 8	29°59	6°25	18°44	5°49	20°24	1°34	19°17	20°59	1°12	n.a.	F 3
S 4	10 28 46	9°12'09	21° 9	16° 2	1°22	0♓46	6°35	18°44	5°52	20°23	1°35	19°12	20°56	1°19	n.a.	S 4
S 5	10 32 42	10°11'06	4♈49	17°34	2°35	1°32	6°45	18°44	5°55	20°22	1°36	19° 9	20°53	1°26	n.a.	S 5
M 6	10 36 39	11°10'00	18° 6	19° 6	3°49	2°18	6°54	18°43	5°59	20°21	1°37	19°D 8	20°49	1°32	n.a.	M 6
T 7	10 40 36	12° 8'52	1♉ 0	20°41	5° 2	3° 4	7° 4	18°43	6° 2	20°20	1°38	19° 9	20°46	1°39	n.a.	T 7
W 8	10 44 32	13° 7'42	13°33	22°17	6°16	3°50	7°13	18°42	6° 6	20°18	1°39	19°10	20°43	1°46	n.a.	W 8
T 9	10 48 29	14° 6'29	25°49	23°54	7°29	4°36	7°23	18°42	6° 9	20°17	1°40	19°12	20°40	1°52	n.a.	T 9
F 10	10 52 25	15° 5'14	7♊52	25°33	8°43	5°21	7°32	18°41	6°12	20°16	1°41	19°13	20°37	1°59	n.a.	F 10
S 11	10 56 22	16° 3'57	19°47	27°14	9°56	6° 7	7°41	18°40	6°16	20°15	1°42	19°R13	20°33	2° 6	n.a.	S 11
S 12	11 0 18	17° 2'37	1♋39	28°56	11° 9	6°53	7°50	18°39	6°19	20°13	1°43	19°12	20°30	2°13	n.a.	S 12
M13	11 4 15	18° 1'15	13°33	0♓40	12°22	7°39	7°59	18°38	6°23	20°12	1°44	19°10	20°27	2°19	n.a.	M13
T 14	11 8 11	18°59'51	25°33	2°25	13°36	8°24	8° 8	18°37	6°26	20°11	1°45	19° 6	20°24	2°26	n.a.	T 14
W15	11 12 8	19°58'25	7♌42	4°12	14°49	9°10	8°16	18°36	6°29	20° 9	1°46	19° 1	20°21	2°33	n.a.	W15
T 16	11 16 5	20°56'56	20° 4	6° 0	16° 2	9°55	8°25	18°35	6°33	20° 8	1°47	18°57	20°18	2°40	n.a.	T 16
F 17	11 20 1	21°55'25	2♍39	7°50	17°15	10°41	8°33	18°34	6°36	20° 7	1°48	18°52	20°14	2°46	n.a.	F 17
S 18	11 23 58	22°53'52	15°30	9°42	18°28	11°26	8°41	18°32	6°39	20° 5	1°49	18°48	20°11	2°53	n.a.	S 18
S 19	11 27 54	23°52'17	28°37	11°35	19°41	12°12	8°49	18°30	6°43	20° 4	1°50	18°46	20° 8	3° 0	n.a.	S 19
M20	11 31 51	24°50'40	11♎57	13°29	20°54	12°57	8°57	18°29	6°46	20° 3	1°51	18°45	20° 5	3° 6	n.a.	M20
T 21	11 35 47	25°49'01	25°31	15°26	22° 7	13°43	9° 5	18°27	6°49	20° 1	1°52	18°D45	20° 2	3°13	n.a.	T 21
W22	11 39 44	26°47'20	9♏16	17°24	23°19	14°28	9°13	18°25	6°52	20° 0	1°53	18°46	19°59	3°20	n.a.	W22
T 23	11 43 40	27°45'38	23°10	19°23	24°32	15°13	9°20	18°23	6°56	19°58	1°55	18°47	19°55	3°27	n.a.	T 23
F 24	11 47 37	28°43'54	7♐13	21°24	25°45	15°58	9°27	18°21	6°59	19°57	1°56	18°48	19°52	3°33	n.a.	F 24
S 25	11 51 34	29°42'09	21°21	23°26	26°58	16°43	9°35	18°19	7° 2	19°55	1°57	18°49	19°49	3°40	n.a.	S 25
S 26	11 55 30	0♈40'22	5♑34	25°30	28°10	17°28	9°42	18°17	7° 5	19°54	1°58	18°R49	19°46	3°47	n.a.	S 26
M27	11 59 27	1°38'33	19°49	27°35	29°23	18°14	9°49	18°15	7° 9	19°52	1°59	18°49	19°43	3°53	n.a.	M27
T 28	12 3 23	2°36'43	4♒ 2	29°41	0♉35	18°59	9°56	18°13	7°12	19°51	2° 0	18°47	19°39	4° 0	n.a.	T 28
W29	12 7 20	3°34'51	18°12	1♈49	1°48	19°43	10° 2	18°10	7°15	19°49	2° 2	18°45	19°36	4° 7	n.a.	W29
T 30	12 11 16	4°32'58	2♓14	3°57	3° 0	20°28	10° 9	18° 8	7°18	19°48	2° 3	18°43	19°33	4°14	n.a.	T 30
F 31	12 15 13	5♈31'03	16♓ 6	6♈ 6	4♉13	21♓13	10♑15	18♏ 5	7♓21	19♎46	2♉ 4	18♈42	19♈30	4♋20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9s20	23s 7	4s52	19s28	2s 2	1s36	0s44	13s 7	1s 1	23s49	0s13	15s40	2n 2	10s13	0s44	6s12	2n 2	0n24	12s31	7n43	8n20	28n34			n.a.
T 2	8 58	18 8	4 18	19 7	2 6	1 4	0 41	12 50	1 1	23 49	0 13	15 40	2 2	10 12	0 44	6 12	2 2	0 25	12 31	7 41	8 18	28 34			n.a.
F 3	8 35	12 12	3 28	18 44	2 10	0 32	0 39	12 34	1 1	23 48	0 13	15 40	2 2	10 11	0 44	6 11	2 2	0 25	12 31	7 38	8 17	28 35			n.a.
S 4	8 13	5 47	2 26	18 20	2 13	0 1	0 37	12 17	1 1	23 48	0 14	15 39	2 2	10 9	0 44	6 11	2 2	0 26	12 31	7 37	8 16	28 35			n.a.
S 5	7 51	0n46	1 17	17 54	2 15	0n31	0 34	12 0	1 0	23 48	0 14	15 39	2 2	10 8	0 44	6 10	2 2	0 27	12 30	7 35	8 15	28 35			n.a.
M 6	7 28	7 6	0 6	17 27	2 17	1 3	0 32	11 43	1 0	23 47	0 14	15 39	2 2	10 7	0 44	6 10	2 2	0 27	12 30	7 35	8 14	28 35			n.a.
T 7	7 5	12 58	1n 4	16 58	2 18	1 35	0 29	11 26	1 0	23 47	0 14	15 39	2 3	10 6	0 44	6 9	2 2	0 28	12 30	7 35	8 12	28 35			n.a.
W 8	6 43	18 9	2 9	16 27	2 20	2 6	0 27	11 9	1 0	23 46	0 14	15 39	2 3	10 4	0 44	6 9	2 2	0 28	12 30	7 36	8 11	28 36			n.a.
T 9	6 20	22 28	3 6	15 55	2 20	2 38	0 24	10 52	0 59	23 46	0 14	15 38	2 3	10 3	0 44	6 8	2 2	0 29	12 29	7 37	8 10	28 36			n.a.
F 10	5 57	25 45	3 55	15 21	2 20	3 10	0 22	10 35	0 59	23 46	0 14	15 38	2 3	10 2	0 44	6 8	2 2	0 29	12 29	7 37	8 9	28 36			n.a.
S 11	5 34	27 52	4 32	14 46	2 20	3 41	0 19	10 17	0 59	23 45	0 15	15 38	2 3	10 1	0 44	6 7	2 2	0 30	12 29	7 37	8 8	28 36			n.a.
S 12	5 11	28 41	4 58	14 9	2 19	4 13	0 17	10 0	0 58	23 45	0 15	15 37	2 3	9 59	0 44	6 7	2 2	0 30	12 29	7 37	8 6	28 36			n.a.
M13	4 48	28 11	5 11	13 30	2 17	4 44	0 14	9 42	0 58	23 45	0 15	15 37	2 3	9 58	0 44	6 6	2 2	0 31	12 29	7 36	8 5	28 37			n.a.
T 14	4 24	26 22	5 10	12 50	2 15	5 15	0 11	9 25	0 58	23 44	0 15	15 36	2 3	9 57	0 44	6 6	2 2	0 31	12 28	7 34	8 4	28 37			n.a.
W15	4 1	23 20	4 56	12 9	2 12	5 47	0 9	9 7	0 57	23 44	0 15	15 36	2 4	9 56	0 44	6 5	2 2	0 32	12 28	7 32	8 3	28 37			n.a.
T 16	3 38	19 12	4 28	11 25	2 9	6 18	0 6	8 49	0 57	23 44	0 15	15 35	2 4	9 54	0 44	6 5	2 2	0 32	12 28	7 31	8 2	28 37			n.a.
F 17	3 15	14 10	3 46	10 41	2 6	6 48	0 3	8 32	0 57	23 43	0 16	15 35	2 4	9 53	0 44	6 4	2 2	0 33	12 28	7 29	8 0	28 37			n.a.
S 18	2 51	8 25	2 52	9 54	2 2	7 19	0 0	8 14	0 56	23 43	0 16	15 34	2 4	9 52	0 44	6 4	2 2	0 34	12 27	7 27	7 59	28 37			n.a.
S 19	2 28	2 13	1 48	9 6	1 57	7 50	0n 2	7 56	0 56	23 42	0 16	15 34	2 4	9 51	0 44	6 3	2 2	0 34	12 27	7 26	7 58	28 37			n.a.
M20	2 4	4s13	0 37	8 17	1 52	8 20	0 5	7 38	0 56	23 42	0 16	15 33	2 4	9 49	0 44	6 3	2 3	0 35	12 27	7 26	7 57	28 37			n.a.
T 21	1 41	10 34	0s37	7 26	1 46	8 50	0 8	7 20	0 55	23 42	0 16	15 33	2 4	9 48	0 44	6 2	2 3	0 35	12 27	7 26	7 55	28 37			n.a.
W22	1 18	16 30	1 50	6 34	1 40	9 20	0 11	7 2	0 55	23 41	0 16	15 32	2 4	9 47	0 44	6 1	2 3	0 36	12 27	7 26	7 54	28 38			n.a.
T 23	0 54	21 40	2 58	5 40	1 33	9 50	0 14	6 44	0 55	23 41	0 17	15 31	2 5	9 46	0 44	6 1	2 3	0 36	12 27	7 27	7 53	28 38			n.a.
F 24	0 31	25 40	3 56	4 46	1 26	10 20	0 17	6 26	0 54	23 41	0 17	15 31	2 5	9 45	0 44	6 0	2 3	0 37	12 26	7 27	7 52	28 38			n.a.
S 25	0 7	28 6	4 40	3 49	1 18	10 49	0 19	6 8	0 54	23 40	0 17	15 30	2 5	9 43	0 44	6 0	2 3	0 37	12 26	7 28	7 51	28 38			n.a.
S 26	0n16	28 44	5 7	2 52	1 9	11 18	0 22	5 50	0 54	23 40	0 17	15 29	2 5	9 42	0 44	5 59	2 3	0 38	12 26	7 28	7 49	28 38			n.a.
M27	0 40	27 27	5 15	1 54	1 1	11 47	0 25	5 32	0 53	23 40	0 17	15 29	2 5	9 41	0 44	5 58	2 3	0 39	12 26	7 27	7 48	28 38			n.a.
T 28	1 3	24 24	5 4	0 55	0 52	12 15	0 28	5 13	0 53	23 39	0 17	15 28	2 5	9 40	0 44	5 58	2 3	0 39	12 26	7 27	7 47	28 38			n.a.
W29	1 26	19 55	4 35	0n 5	0 42	12 44	0 31	4 55	0 52	23 39	0 18	15 27	2 5	9 39	0 44	5 57	2 3	0 40	12 26	7 26	7 46	28 38			n.a.
T 30	1 50	14 22	3 49	1 6	0 32	13 12	0 34	4 37	0 52	23 39	0 18	15 26	2 5	9 37	0 44	5 57	2 3	0 40	12 25	7 25	7 45	28 38			n.a.
F 31	2n13	8s10	2s50	2n 7	0s22	13n39	0n37	4s19	0s52	23s38	0s18	15s26	2n 5	9s36	0s44	5s56	2n 3	0n41	12s25	7n25	7n43	28n38			n.a.

Julian Day Number = 1596932.5, Delta T = 04h01m36s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'41, Lahiri = - 8°39'40 Julian Calendar 1 March 341 BCE == Greg. Calendar 25 Feb. 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

APRIL 341 BCE (-340) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 9	6♈29'06	29♓44	8♈15	5♉25	21♓58	10♑21	18°R 2	7♓24	19°R45	2♉ 5	18°R41	19♈27	4♋27	n.a.	S 1
S 2	12 23 6	7°27'07	13♈ 5	10°24	6°37	22°43	10°27	18♏ 0	7°27	19♎43	2° 7	18°D40	19°24	4°34	n.a.	S 2
M 3	12 27 2	8°25'07	26° 9	12°34	7°50	23°27	10°33	17°57	7°30	19°41	2° 8	18♈40	19°20	4°40	n.a.	M 3
T 4	12 30 59	9°23'05	8♉55	14°43	9° 2	24°12	10°39	17°54	7°33	19°40	2° 9	18°41	19°17	4°47	n.a.	T 4
W 5	12 34 56	10°21'02	21°25	16°52	10°14	24°57	10°44	17°51	7°36	19°38	2°10	18°41	19°14	4°54	n.a.	W 5
T 6	12 38 52	11°18'56	3♊40	19° 0	11°26	25°41	10°50	17°48	7°39	19°37	2°12	18°42	19°11	5° 1	n.a.	T 6
F 7	12 42 49	12°16'49	15°44	21° 7	12°38	26°26	10°55	17°45	7°42	19°35	2°13	18°43	19° 8	5° 7	n.a.	F 7
S 8	12 46 45	13°14'40	27°40	23°12	13°50	27°10	11° 0	17°42	7°45	19°33	2°14	18°43	19° 4	5°14	n.a.	S 8
S 9	12 50 42	14°12'29	9♋33	25°15	15° 2	27°55	11° 5	17°38	7°48	19°32	2°16	18°R43	19° 1	5°21	n.a.	S 9
M10	12 54 38	15°10'16	21°28	27°17	16°14	28°39	11° 9	17°35	7°51	19°30	2°17	18°43	18°58	5°27	n.a.	M10
T 11	12 58 35	16° 8'01	3♌28	29°16	17°26	29°23	11°14	17°32	7°54	19°29	2°18	18°43	18°55	5°34	n.a.	T 11
W12	13 2 31	17° 5'45	15°39	1♉13	18°37	0♈ 7	11°18	17°28	7°57	19°27	2°20	18°43	18°52	5°41	n.a.	W12
T 13	13 6 28	18° 3'26	28° 4	3° 7	19°49	0°51	11°22	17°25	8° 0	19°25	2°21	18°43	18°49	5°48	n.a.	T 13
F 14	13 10 25	19° 1'07	10♍46	4°59	21° 1	1°36	11°26	17°21	8° 2	19°24	2°22	18°D43	18°45	5°54	n.a.	F 14
S 15	13 14 21	19°58'45	23°47	6°48	22°12	2°20	11°30	17°18	8° 5	19°22	2°24	18°43	18°42	6° 1	n.a.	S 15
S 16	13 18 18	20°56'22	7♎ 9	8°34	23°24	3° 4	11°34	17°14	8° 8	19°20	2°25	18°43	18°39	6° 8	n.a.	S 16
M17	13 22 14	21°53'57	20°51	10°16	24°35	3°48	11°37	17°10	8°11	19°19	2°26	18°R43	18°36	6°15	n.a.	M17
T 18	13 26 11	22°51'31	4♏50	11°56	25°46	4°31	11°41	17° 7	8°13	19°17	2°28	18°43	18°33	6°21	n.a.	T 18
W19	13 30 7	23°49'04	19° 2	13°32	26°58	5°15	11°44	17° 3	8°16	19°16	2°29	18°43	18°30	6°28	n.a.	W19
T 20	13 34 4	24°46'36	3♐24	15° 5	28° 9	5°59	11°47	16°59	8°19	19°14	2°30	18°42	18°26	6°35	n.a.	T 20
F 21	13 38 0	25°44'07	17°50	16°35	29°20	6°43	11°50	16°55	8°21	19°12	2°32	18°41	18°23	6°41	n.a.	F 21
S 22	13 41 57	26°41'37	2♑16	18° 2	0♊31	7°26	11°52	16°51	8°24	19°11	2°33	18°41	18°20	6°48	n.a.	S 22
S 23	13 45 54	27°39'06	16°37	19°25	1°42	8°10	11°55	16°47	8°26	19° 9	2°34	18°40	18°17	6°55	n.a.	S 23
M24	13 49 50	28°36'34	0♒50	20°45	2°53	8°54	11°57	16°43	8°29	19° 7	2°36	18°D40	18°14	7° 2	n.a.	M24
T 25	13 53 47	29°34'01	14°53	22° 1	4° 4	9°37	11°59	16°39	8°31	19° 6	2°37	18°40	18°10	7° 8	n.a.	T 25
W26	13 57 43	0♉31'27	28°44	23°14	5°15	10°21	12° 1	16°35	8°33	19° 4	2°38	18°41	18° 7	7°15	n.a.	W26
T 27	14 1 40	1°28'52	12♓22	24°23	6°26	11° 4	12° 2	16°31	8°36	19° 3	2°40	18°42	18° 4	7°22	n.a.	T 27
F 28	14 5 36	2°26'17	25°47	25°28	7°36	11°47	12° 4	16°27	8°38	19° 1	2°41	18°43	18° 1	7°28	n.a.	F 28
S 29	14 9 33	3°23'40	8♈59	26°30	8°47	12°31	12° 5	16°22	8°40	19° 0	2°43	18°44	17°58	7°35	n.a.	S 29
S 30	14 13 29	4♉21'03	21♈58	27♉28	9♊58	13♈14	12♑ 6	16♏18	8♓43	18♎58	2♉44	18°R44	17♈55	7♋42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n36	1s41	1s43	3n 8	0s12	14n 7	0n39	4s 1	0s51	23s38	0s18	15s25	2n 6	9s35	0s44	5s55	2n 3	0n41	12s25	7n24	7n42	28n38		n.a.
S 2	3 0	4n45	0 31	4 9	0 1	14 34	0 42	3 42	0 51	23 38	0 18	15 24	2 6	9 34	0 45	5 55	2 3	0 42	12 25	7 24	7 41	28 38		n.a.
M 3	3 23	10 52	0n41	5 10	0n10	15 0	0 45	3 24	0 50	23 37	0 19	15 23	2 6	9 33	0 45	5 54	2 3	0 42	12 25	7 24	7 40	28 38		n.a.
T 4	3 46	16 23	1 50	6 11	0 20	15 26	0 48	3 6	0 50	23 37	0 19	15 22	2 6	9 32	0 45	5 54	2 3	0 43	12 25	7 24	7 38	28 38		n.a.
W 5	4 9	21 6	2 51	7 11	0 31	15 52	0 51	2 47	0 50	23 37	0 19	15 21	2 6	9 31	0 45	5 53	2 3	0 44	12 25	7 25	7 37	28 38		n.a.
T 6	4 32	24 49	3 44	8 10	0 42	16 18	0 54	2 29	0 49	23 37	0 19	15 20	2 6	9 29	0 45	5 52	2 3	0 44	12 24	7 25	7 36	28 38		n.a.
F 7	4 55	27 22	4 26	9 8	0 52	16 43	0 56	2 11	0 49	23 36	0 19	15 19	2 6	9 28	0 45	5 52	2 3	0 45	12 24	7 25	7 35	28 38		n.a.
S 8	5 18	28 39	4 56	10 5	1 2	17 8	0 59	1 53	0 48	23 36	0 20	15 18	2 6	9 27	0 45	5 51	2 3	0 45	12 24	7 25	7 34	28 38		n.a.
S 9	5 40	28 35	5 13	11 0	1 12	17 32	1 2	1 34	0 48	23 36	0 20	15 17	2 6	9 26	0 45	5 50	2 3	0 46	12 24	7 26	7 32	28 38		n.a.
M10	6 3	27 12	5 16	11 54	1 22	17 56	1 4	1 16	0 47	23 36	0 20	15 16	2 6	9 25	0 45	5 50	2 3	0 46	12 24	7 26	7 31	28 37		n.a.
T 11	6 25	24 35	5 6	12 46	1 31	18 19	1 7	0 58	0 47	23 35	0 20	15 15	2 6	9 24	0 45	5 49	2 3	0 47	12 24	7 25	7 30	28 37		n.a.
W12	6 48	20 50	4 43	13 35	1 39	18 42	1 10	0 40	0 47	23 35	0 20	15 14	2 6	9 23	0 45	5 49	2 3	0 47	12 24	7 25	7 29	28 37		n.a.
T 13	7 10	16 7	4 5	14 23	1 47	19 4	1 12	0 21	0 46	23 35	0 20	15 13	2 6	9 22	0 45	5 48	2 3	0 48	12 24	7 25	7 27	28 37		n.a.
F 14	7 32	10 37	3 15	15 8	1 54	19 26	1 15	0 3	0 46	23 35	0 21	15 12	2 6	9 21	0 45	5 47	2 3	0 48	12 24	7 25	7 26	28 37		n.a.
S 15	7 54	4 32	2 14	15 51	2 1	19 48	1 18	0n15	0 45	23 35	0 21	15 11	2 7	9 20	0 45	5 47	2 3	0 49	12 23	7 25	7 25	28 37		n.a.
S 16	8 16	1s54	1 4	16 32	2 7	20 9	1 20	0 33	0 45	23 35	0 21	15 10	2 7	9 19	0 45	5 46	2 3	0 49	12 23	7 25	7 24	28 37		n.a.
M17	8 38	8 25	0s12	17 10	2 12	20 29	1 23	0 51	0 44	23 35	0 21	15 9	2 7	9 18	0 45	5 46	2 3	0 50	12 23	7 25	7 23	28 37		n.a.
T 18	9 0	14 40	1 28	17 46	2 17	20 49	1 25	1 9	0 44	23 35	0 21	15 8	2 7	9 17	0 45	5 45	2 3	0 50	12 23	7 25	7 21	28 36		n.a.
W19	9 21	20 16	2 40	18 20	2 20	21 8	1 27	1 27	0 43	23 34	0 22	15 7	2 7	9 16	0 45	5 44	2 3	0 51	12 23	7 25	7 20	28 36		n.a.
T 20	9 43	24 44	3 43	18 51	2 23	21 27	1 30	1 45	0 43	23 34	0 22	15 6	2 7	9 15	0 45	5 44	2 3	0 52	12 23	7 25	7 19	28 36		n.a.
F 21	10 4	27 41	4 32	19 20	2 26	21 45	1 32	2 3	0 42	23 34	0 22	15 5	2 7	9 14	0 45	5 43	2 3	0 52	12 23	7 25	7 18	28 36		n.a.
S 22	10 25	28 47	5 4	19 46	2 27	22 3	1 34	2 21	0 42	23 34	0 22	15 3	2 7	9 13	0 45	5 42	2 3	0 53	12 23	7 24	7 16	28 36		n.a.
S 23	10 46	27 55	5 16	20 10	2 27	22 20	1 37	2 39	0 41	23 34	0 23	15 2	2 7	9 12	0 45	5 42	2 3	0 53	12 23	7 24	7 15	28 36		n.a.
M24	11 7	25 15	5 9	20 32	2 27	22 37	1 39	2 57	0 41	23 34	0 23	15 1	2 7	9 11	0 45	5 41	2 3	0 54	12 23	7 24	7 14	28 35		n.a.
T 25	11 27	21 5	4 44	20 51	2 26	22 53	1 41	3 15	0 40	23 34	0 23	15 0	2 7	9 10	0 45	5 41	2 3	0 54	12 23	7 24	7 13	28 35		n.a.
W26	11 48	15 50	4 2	21 8	2 24	23 8	1 43	3 32	0 40	23 34	0 23	14 59	2 7	9 9	0 45	5 40	2 3	0 55	12 23	7 25	7 12	28 35		n.a.
T 27	12 8	9 53	3 8	21 23	2 21	23 22	1 45	3 50	0 39	23 34	0 23	14 58	2 7	9 9	0 45	5 39	2 3	0 55	12 23	7 25	7 10	28 35		n.a.
F 28	12 28	3 35	2 3	21 36	2 18	23 36	1 47	4 8	0 39	23 34	0 24	14 56	2 7	9 8	0 45	5 39	2 3	0 56	12 23	7 25	7 9	28 35		n.a.
S 29	12 48	2n47	0 54	21 46	2 13	23 50	1 49	4 25	0 38	23 35	0 24	14 55	2 7	9 7	0 45	5 38	2 3	0 56	12 23	7 26	7 8	28 34		n.a.
S 30	13n 8	8n56	0n18	21n55	2n 8	24n 3	1n51	4n43	0s38	23s35	0s24	14s54	2n 7	9s 6	0s45	5s38	2n 3	0n56	12s23	7n26	7n 7	28n34		n.a.

Julian Day Number = 1596963.5, Delta T = 04h01m35s
Ecliptic obliquity = 23°44'21, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'37, Lahiri = - 8°39'36 Julian Calendar 1 Apr. 341 BCE == Greg. Calendar 27 March 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

MAY 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 17 26	5♉18'24	4♉43	28♉23	11♊ 8	13♈57	12♑ 7	16°R14	8♓45	18°R56	2♉45	18°R43	17♈51	7♋49	n.a.	M 1
T 2	14 21 23	6°15'45	17°16	29°13	12°18	14°40	12° 8	16♏10	8°47	18♎55	2°47	18♈42	17°48	7°55	n.a.	T 2
W 3	14 25 19	7°13'05	29°36	29°59	13°29	15°23	12° 8	16° 5	8°49	18°53	2°48	18°40	17°45	8° 2	n.a.	W 3
T 4	14 29 16	8°10'24	11♊46	0♊42	14°39	16° 6	12° 9	16° 1	8°51	18°52	2°49	18°37	17°42	8° 9	n.a.	T 4
F 5	14 33 12	9° 7'42	23°47	1°20	15°49	16°49	12°R 9	15°57	8°54	18°50	2°51	18°34	17°39	8°16	n.a.	F 5
S 6	14 37 9	10° 4'59	5♋42	1°54	16°59	17°32	12° 9	15°52	8°56	18°49	2°52	18°31	17°36	8°22	n.a.	S 6
S 7	14 41 5	11° 2'15	17°35	2°24	18° 9	18°15	12° 9	15°48	8°58	18°47	2°53	18°28	17°32	8°29	n.a.	S 7
M 8	14 45 2	11°59'30	29°28	2°49	19°19	18°58	12° 8	15°44	9° 0	18°46	2°55	18°26	17°29	8°36	n.a.	M 8
T 9	14 48 58	12°56'44	11♌27	3°10	20°29	19°40	12° 7	15°39	9° 1	18°44	2°56	18°D26	17°26	8°42	n.a.	T 9
W10	14 52 55	13°53'57	23°37	3°26	21°39	20°23	12° 7	15°35	9° 3	18°43	2°57	18°26	17°23	8°49	n.a.	W10
T 11	14 56 52	14°51'09	6♍ 0	3°38	22°48	21° 6	12° 6	15°30	9° 5	18°42	2°59	18°27	17°20	8°56	n.a.	T 11
F 12	15 0 48	15°48'20	18°43	3°45	23°58	21°48	12° 4	15°26	9° 7	18°40	3° 0	18°29	17°16	9° 3	n.a.	F 12
S 13	15 4 45	16°45'30	1♎48	3°R47	25° 7	22°31	12° 3	15°22	9° 9	18°39	3° 2	18°30	17°13	9° 9	n.a.	S 13
S 14	15 8 41	17°42'40	15°17	3°45	26°17	23°13	12° 2	15°17	9°10	18°37	3° 3	18°R31	17°10	9°16	n.a.	S 14
M15	15 12 38	18°39'48	29°11	3°39	27°26	23°55	12° 0	15°13	9°12	18°36	3° 4	18°31	17° 7	9°23	n.a.	M15
T 16	15 16 34	19°36'57	13♏29	3°28	28°35	24°38	11°58	15° 9	9°14	18°35	3° 5	18°29	17° 4	9°29	n.a.	T 16
W17	15 20 31	20°34'04	28° 5	3°13	29°44	25°20	11°56	15° 4	9°15	18°33	3° 7	18°26	17° 1	9°36	n.a.	W17
T 18	15 24 28	21°31'12	12♐54	2°55	0♋53	26° 2	11°53	15° 0	9°17	18°32	3° 8	18°21	16°57	9°43	n.a.	T 18
F 19	15 28 24	22°28'19	27°46	2°32	2° 2	26°44	11°51	14°55	9°18	18°31	3° 9	18°17	16°54	9°50	n.a.	F 19
S 20	15 32 21	23°25'26	12♑35	2° 7	3°11	27°26	11°48	14°51	9°20	18°30	3°11	18°12	16°51	9°56	n.a.	S 20
S 21	15 36 17	24°22'33	27°12	1°38	4°20	28° 8	11°45	14°47	9°21	18°28	3°12	18° 8	16°48	10° 3	n.a.	S 21
M22	15 40 14	25°19'40	11♒34	1° 7	5°28	28°50	11°42	14°43	9°23	18°27	3°13	18° 6	16°45	10°10	n.a.	M22
T 23	15 44 10	26°16'46	25°36	0°34	6°36	29°32	11°39	14°38	9°24	18°26	3°15	18°D 5	16°42	10°17	n.a.	T 23
W24	15 48 7	27°13'53	9♓19	0° 0	7°45	0♉14	11°36	14°34	9°25	18°25	3°16	18° 6	16°38	10°23	n.a.	W24
T 25	15 52 3	28°11'00	22°43	29♉25	8°53	0°56	11°32	14°30	9°26	18°24	3°17	18° 7	16°35	10°30	n.a.	T 25
F 26	15 56 0	29° 8'07	5♈50	28°50	10° 1	1°38	11°28	14°26	9°28	18°22	3°18	18° 8	16°32	10°37	n.a.	F 26
S 27	15 59 57	0♊ 5'14	18°41	28°15	11° 9	2°19	11°24	14°21	9°29	18°21	3°20	18°R 9	16°29	10°43	n.a.	S 27
S 28	16 3 53	1° 2'21	1♉20	27°41	12°17	3° 1	11°20	14°17	9°30	18°20	3°21	18° 8	16°26	10°50	n.a.	S 28
M29	16 7 50	1°59'29	13°47	27° 8	13°25	3°43	11°16	14°13	9°31	18°19	3°22	18° 5	16°22	10°57	n.a.	M29
T 30	16 11 46	2°56'36	26° 5	26°38	14°32	4°24	11°12	14° 9	9°32	18°18	3°23	18° 0	16°19	11° 4	n.a.	T 30
W31	16 15 43	3♊53'43	8♊15	26♉11	15♋40	5♉ 6	11♑ 7	14♏ 5	9♓33	18♎17	3♉24	17♈54	16♈16	11♋10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n27	14n37	1n27	22n 1	2n 2	24n15	1n52	5n 0	0s37	23s35	0s24	14s53	2n 7	9s 5	0s45	5s37	2n 3	0n57	12s22	7n25	7n 5	28n34			n.a.
T 2	13 47	19 36	2 31	22 6	1 55	24 26	1 54	5 17	0 36	23 35	0 24	14 51	2 7	9 4	0 45	5 37	2 3	0 57	12 22	7 25	7 4	28 34			n.a.
W 3	14 6	23 40	3 26	22 8	1 47	24 37	1 56	5 35	0 36	23 35	0 25	14 50	2 7	9 4	0 45	5 36	2 3	0 58	12 22	7 24	7 3	28 33			n.a.
T 4	14 24	26 38	4 12	22 9	1 38	24 47	1 57	5 52	0 35	23 35	0 25	14 49	2 7	9 3	0 45	5 35	2 3	0 58	12 22	7 23	7 2	28 33			n.a.
F 5	14 43	28 20	4 45	22 8	1 28	24 56	1 59	6 9	0 35	23 35	0 25	14 48	2 7	9 2	0 45	5 35	2 3	0 59	12 22	7 22	7 1	28 33			n.a.
S 6	15 1	28 43	5 6	22 4	1 18	25 5	2 0	6 26	0 34	23 36	0 25	14 47	2 7	9 1	0 45	5 34	2 3	0 59	12 22	7 21	6 59	28 32			n.a.
S 7	15 20	27 45	5 14	21 59	1 7	25 13	2 1	6 43	0 34	23 36	0 25	14 45	2 7	9 1	0 45	5 34	2 3	1 0	12 22	7 20	6 58	28 32			n.a.
M 8	15 37	25 32	5 8	21 53	0 55	25 20	2 3	7 0	0 33	23 36	0 26	14 44	2 7	9 0	0 45	5 33	2 3	1 0	12 22	7 19	6 57	28 32			n.a.
T 9	15 55	22 11	4 49	21 44	0 42	25 27	2 4	7 17	0 33	23 36	0 26	14 43	2 7	8 59	0 45	5 33	2 3	1 1	12 22	7 19	6 56	28 31			n.a.
W10	16 13	17 51	4 17	21 34	0 29	25 33	2 5	7 34	0 32	23 37	0 26	14 42	2 7	8 58	0 45	5 32	2 3	1 1	12 22	7 19	6 54	28 31			n.a.
T 11	16 30	12 42	3 32	21 23	0 14	25 38	2 6	7 51	0 32	23 37	0 26	14 40	2 6	8 58	0 46	5 32	2 2	1 1	12 22	7 19	6 53	28 31			n.a.
F 12	16 47	6 54	2 36	21 10	0s 0	25 43	2 7	8 7	0 31	23 37	0 27	14 39	2 6	8 57	0 46	5 31	2 2	1 2	12 22	7 20	6 52	28 30			n.a.
S 13	17 3	0 39	1 30	20 55	0 16	25 46	2 7	8 24	0 30	23 38	0 27	14 38	2 6	8 57	0 46	5 31	2 2	1 2	12 23	7 20	6 51	28 30			n.a.
S 14	17 20	5s49	0 18	20 39	0 31	25 49	2 8	8 40	0 30	23 38	0 27	14 37	2 6	8 56	0 46	5 30	2 2	1 3	12 23	7 21	6 49	28 30			n.a.
M15	17 36	12 14	0s58	20 22	0 48	25 52	2 9	8 57	0 29	23 39	0 27	14 36	2 6	8 55	0 46	5 30	2 2	1 3	12 23	7 21	6 48	28 29			n.a.
T 16	17 51	18 11	2 12	20 4	1 4	25 53	2 9	9 13	0 29	23 39	0 27	14 34	2 6	8 55	0 46	5 29	2 2	1 4	12 23	7 20	6 47	28 29			n.a.
W17	18 7	23 13	3 19	19 45	1 21	25 54	2 10	9 29	0 28	23 39	0 28	14 33	2 6	8 54	0 46	5 29	2 2	1 4	12 23	7 19	6 46	28 28			n.a.
T 18	18 22	26 49	4 14	19 25	1 37	25 54	2 10	9 45	0 27	23 40	0 28	14 32	2 6	8 54	0 46	5 28	2 2	1 4	12 23	7 17	6 45	28 28			n.a.
F 19	18 37	28 34	4 51	19 4	1 54	25 54	2 11	10 1	0 27	23 40	0 28	14 31	2 6	8 53	0 46	5 28	2 2	1 5	12 23	7 15	6 43	28 28			n.a.
S 20	18 52	28 16	5 9	18 43	2 10	25 53	2 11	10 17	0 26	23 41	0 28	14 30	2 6	8 53	0 46	5 27	2 2	1 5	12 23	7 13	6 42	28 27			n.a.
S 21	19 6	26 0	5 7	18 21	2 26	25 51	2 11	10 33	0 26	23 41	0 29	14 28	2 6	8 52	0 46	5 27	2 2	1 5	12 23	7 12	6 41	28 27			n.a.
M22	19 20	22 5	4 45	18 0	2 42	25 48	2 11	10 48	0 25	23 42	0 29	14 27	2 6	8 52	0 46	5 27	2 2	1 6	12 23	7 11	6 40	28 26			n.a.
T 23	19 34	17 1	4 7	17 39	2 57	25 45	2 11	11 4	0 24	23 42	0 29	14 26	2 5	8 51	0 46	5 26	2 2	1 6	12 23	7 11	6 38	28 26			n.a.
W24	19 47	11 11	3 15	17 18	3 11	25 41	2 10	11 19	0 24	23 43	0 29	14 25	2 5	8 51	0 46	5 26	2 2	1 7	12 23	7 11	6 37	28 25			n.a.
T 25	20 0	4 58	2 14	16 58	3 24	25 36	2 10	11 35	0 23	23 43	0 29	14 24	2 5	8 50	0 46	5 25	2 2	1 7	12 23	7 12	6 36	28 25			n.a.
F 26	20 13	1n20	1 6	16 38	3 36	25 31	2 10	11 50	0 23	23 44	0 30	14 23	2 5	8 50	0 46	5 25	2 2	1 7	12 23	7 12	6 35	28 25			n.a.
S 27	20 25	7 27	0n 3	16 20	3 47	25 25	2 9	12 5	0 22	23 44	0 30	14 21	2 5	8 49	0 46	5 24	2 2	1 8	12 23	7 12	6 33	28 24			n.a.
S 28	20 37	13 11	1 11	16 3	3 56	25 18	2 8	12 20	0 21	23 45	0 30	14 20	2 5	8 49	0 46	5 24	2 2	1 8	12 23	7 12	6 32	28 24			n.a.
M29	20 49	18 18	2 14	15 48	4 4	25 10	2 8	12 35	0 21	23 45	0 30	14 19	2 5	8 49	0 46	5 24	2 2	1 8	12 23	7 11	6 31	28 23			n.a.
T 30	21 1	22 36	3 10	15 35	4 11	25 2	2 7	12 50	0 20	23 46	0 31	14 18	2 5	8 48	0 46	5 23	2 2	1 9	12 24	7 9	6 30	28 23			n.a.
W31	21n12	25n51	3n57	15n23	4s16	24n53	2n 6	13n 5	0s19	23s47	0s31	14s17	2n 5	8s48	0s46	5s23	2n 2	1n 9	12s24	7n 6	6n29	28n22			n.a.

Julian Day Number = 1596993.5, Delta T = 04h01m34s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'32, Lahiri = - 8°39'32 Julian Calendar 1 May 341 BCE == Greg. Calendar 26 Apr. 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

JUNE 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 39	4♊50'51	20♊17	25°R46	16♋47	5♉47	11°R 2	14°R 1	9♓34	18°R16	3♉26	17°R45	16♈13	11♋17	n.a.	T 1
F 2	16 23 36	5°47'58	2♋14	25♉25	17°54	6°28	10♑57	13♏57	9°35	18♎15	3°27	17♈37	16°10	11°24	n.a.	F 2
S 3	16 27 32	6°45'06	14° 7	25° 8	19° 1	7°10	10°52	13°53	9°36	18°14	3°28	17°28	16° 7	11°31	n.a.	S 3
S 4	16 31 29	7°42'13	25°58	24°56	20° 8	7°51	10°47	13°50	9°36	18°13	3°29	17°20	16° 3	11°37	n.a.	S 4
M 5	16 35 26	8°39'21	7♌51	24°48	21°15	8°32	10°42	13°46	9°37	18°12	3°30	17°14	16° 0	11°44	n.a.	M 5
T 6	16 39 22	9°36'28	19°48	24°D44	22°21	9°13	10°36	13°42	9°38	18°11	3°32	17°10	15°57	11°51	n.a.	T 6
W 7	16 43 19	10°33'35	1♍55	24°46	23°28	9°54	10°30	13°38	9°38	18°11	3°33	17° 7	15°54	11°57	n.a.	W 7
T 8	16 47 15	11°30'43	14°15	24°53	24°34	10°35	10°25	13°35	9°39	18°10	3°34	17°D 7	15°51	12° 4	n.a.	T 8
F 9	16 51 12	12°27'50	26°54	25° 5	25°40	11°16	10°19	13°31	9°39	18° 9	3°35	17° 8	15°47	12°11	n.a.	F 9
S 10	16 55 8	13°24'57	9♎56	25°22	26°46	11°57	10°13	13°28	9°40	18° 8	3°36	17° 9	15°44	12°18	n.a.	S 10
S 11	16 59 5	14°22'05	23°24	25°44	27°52	12°38	10° 6	13°24	9°40	18° 7	3°37	17°R 9	15°41	12°24	n.a.	S 11
M12	17 3 2	15°19'12	7♏21	26°12	28°58	13°19	10° 0	13°21	9°41	18° 7	3°38	17° 7	15°38	12°31	n.a.	M12
T 13	17 6 58	16°16'20	21°45	26°45	0♌ 3	13°59	9°54	13°17	9°41	18° 6	3°39	17° 3	15°35	12°38	n.a.	T 13
W14	17 10 55	17°13'29	6♐34	27°24	1° 8	14°40	9°47	13°14	9°41	18° 5	3°40	16°57	15°32	12°44	n.a.	W14
T 15	17 14 51	18°10'37	21°40	28° 7	2°13	15°21	9°40	13°11	9°42	18° 5	3°41	16°49	15°28	12°51	n.a.	T 15
F 16	17 18 48	19° 7'47	6♑53	28°56	3°18	16° 1	9°34	13° 8	9°42	18° 4	3°42	16°40	15°25	12°58	n.a.	F 16
S 17	17 22 44	20° 4'57	22° 2	29°50	4°22	16°42	9°27	13° 5	9°42	18° 4	3°43	16°31	15°22	13° 5	n.a.	S 17
S 18	17 26 41	21° 2'08	6♒58	0♊49	5°27	17°22	9°20	13° 2	9°42	18° 3	3°44	16°24	15°19	13°11	n.a.	S 18
M19	17 30 37	21°59'19	21°34	1°53	6°31	18° 2	9°13	12°59	9°R42	18° 3	3°45	16°18	15°16	13°18	n.a.	M19
T 20	17 34 34	22°56'32	5♓44	3° 2	7°35	18°43	9° 6	12°56	9°42	18° 2	3°46	16°15	15°13	13°25	n.a.	T 20
W21	17 38 31	23°53'45	19°29	4°16	8°39	19°23	8°59	12°53	9°42	18° 2	3°47	16°D14	15° 9	13°32	n.a.	W21
T 22	17 42 27	24°51'00	2♈48	5°34	9°42	20° 3	8°51	12°51	9°42	18° 1	3°48	16°14	15° 6	13°38	n.a.	T 22
F 23	17 46 24	25°48'15	15°46	6°57	10°45	20°43	8°44	12°48	9°42	18° 1	3°49	16°R14	15° 3	13°45	n.a.	F 23
S 24	17 50 20	26°45'32	28°26	8°25	11°48	21°23	8°36	12°45	9°42	18° 1	3°50	16°14	15° 0	13°52	n.a.	S 24
S 25	17 54 17	27°42'50	10♉52	9°57	12°51	22° 3	8°29	12°43	9°41	18° 0	3°51	16°11	14°57	13°58	n.a.	S 25
M26	17 58 13	28°40'09	23° 6	11°33	13°54	22°43	8°21	12°40	9°41	18° 0	3°52	16° 6	14°53	14° 5	n.a.	M26
T 27	18 2 10	29°37'28	5♊12	13°13	14°56	23°23	8°14	12°38	9°41	18° 0	3°52	15°58	14°50	14°12	n.a.	T 27
W28	18 6 7	0♋34'49	17°13	14°57	15°58	24° 3	8° 6	12°36	9°40	17°59	3°53	15°48	14°47	14°19	n.a.	W28
T 29	18 10 3	1°32'11	29° 8	16°44	17° 0	24°43	7°58	12°34	9°40	17°59	3°54	15°35	14°44	14°25	n.a.	T 29
F 30	18 14 0	2♋29'34	11♋ 2	18♊34	18♌ 1	25♉22	7♑51	12♏32	9♓39	17♎59	3♉55	15♈22	14♈41	14♋32	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n22	27n54	4n32	15n14	4s20	24n44	2n 5	13n19	0s19	23s47	0s31	14s16	2n 4	8s48	0s46	5s23	2n 2	1n 9	12s24	7n 3	6n27	28n22		n.a.
F 2	21 33	28 39	4 55	15 7	4 22	24 34	2 4	13 34	0 18	23 48	0 31	14 15	2 4	8 47	0 46	5 22	2 2	1 9	12 24	7 0	6 26	28 21		n.a.
S 3	21 43	28 3	5 6	15 2	4 23	24 23	2 2	13 48	0 18	23 49	0 31	14 14	2 4	8 47	0 46	5 22	2 2	1 10	12 24	6 56	6 25	28 20		n.a.
S 4	21 52	26 10	5 3	14 59	4 23	24 12	2 1	14 2	0 17	23 49	0 32	14 13	2 4	8 47	0 46	5 22	2 1	1 10	12 24	6 53	6 24	28 20		n.a.
M 5	22 1	23 9	4 47	14 59	4 21	24 0	1 59	14 16	0 16	23 50	0 32	14 12	2 4	8 47	0 46	5 21	2 1	1 10	12 24	6 51	6 22	28 19		n.a.
T 6	22 10	19 8	4 18	15 1	4 18	23 47	1 58	14 30	0 16	23 50	0 32	14 11	2 4	8 46	0 46	5 21	2 1	1 11	12 24	6 49	6 21	28 19		n.a.
W 7	22 19	14 19	3 38	15 6	4 13	23 34	1 56	14 44	0 15	23 51	0 32	14 10	2 4	8 46	0 46	5 21	2 1	1 11	12 24	6 48	6 20	28 18		n.a.
T 8	22 27	8 50	2 47	15 13	4 8	23 21	1 54	14 57	0 14	23 52	0 32	14 9	2 3	8 46	0 47	5 21	2 1	1 11	12 25	6 48	6 19	28 18		n.a.
F 9	22 34	2 52	1 46	15 22	4 1	23 6	1 52	15 11	0 14	23 53	0 33	14 8	2 3	8 46	0 47	5 20	2 1	1 11	12 25	6 49	6 17	28 17		n.a.
S 10	22 42	3s23	0 39	15 34	3 54	22 52	1 50	15 24	0 13	23 53	0 33	14 7	2 3	8 46	0 47	5 20	2 1	1 12	12 25	6 49	6 16	28 17		n.a.
S 11	22 49	9 43	0s33	15 47	3 45	22 36	1 48	15 37	0 12	23 54	0 33	14 6	2 3	8 45	0 47	5 20	2 1	1 12	12 25	6 49	6 15	28 16		n.a.
M12	22 55	15 48	1 46	16 3	3 36	22 20	1 45	15 51	0 12	23 55	0 33	14 6	2 3	8 45	0 47	5 20	2 1	1 12	12 25	6 48	6 14	28 15		n.a.
T 13	23 1	21 13	2 54	16 20	3 26	22 4	1 43	16 4	0 11	23 55	0 33	14 5	2 2	8 45	0 47	5 19	2 1	1 12	12 25	6 47	6 12	28 15		n.a.
W14	23 7	25 29	3 52	16 39	3 15	21 47	1 40	16 16	0 10	23 56	0 34	14 4	2 2	8 45	0 47	5 19	2 1	1 12	12 25	6 44	6 11	28 14		n.a.
T 15	23 12	28 3	4 35	17 0	3 4	21 29	1 37	16 29	0 10	23 57	0 34	14 3	2 2	8 45	0 47	5 19	2 1	1 13	12 25	6 41	6 10	28 13		n.a.
F 16	23 17	28 32	4 59	17 23	2 52	21 11	1 34	16 42	0 9	23 57	0 34	14 2	2 2	8 45	0 47	5 19	2 1	1 13	12 26	6 38	6 9	28 13		n.a.
S 17	23 22	26 52	5 2	17 46	2 39	20 53	1 31	16 54	0 8	23 58	0 34	14 2	2 2	8 45	0 47	5 19	2 1	1 13	12 26	6 34	6 7	28 12		n.a.
S 18	23 26	23 20	4 44	18 11	2 27	20 34	1 28	17 6	0 8	23 59	0 34	14 1	2 2	8 45	0 47	5 19	2 1	1 13	12 26	6 31	6 6	28 11		n.a.
M19	23 30	18 24	4 8	18 37	2 14	20 15	1 25	17 18	0 7	23 59	0 35	14 0	2 1	8 45	0 47	5 18	2 1	1 13	12 26	6 29	6 5	28 11		n.a.
T 20	23 33	12 35	3 18	19 4	2 0	19 55	1 22	17 30	0 6	24 0	0 35	13 59	2 1	8 45	0 47	5 18	2 1	1 13	12 26	6 28	6 4	28 10		n.a.
W21	23 36	6 19	2 17	19 31	1 47	19 35	1 18	17 42	0 6	24 1	0 35	13 59	2 1	8 45	0 47	5 18	2 0	1 14	12 26	6 28	6 3	28 9		n.a.
T 22	23 38	0n 3	1 11	19 58	1 33	19 14	1 14	17 54	0 5	24 1	0 35	13 58	2 1	8 45	0 47	5 18	2 0	1 14	12 27	6 28	6 1	28 9		n.a.
F 23	23 40	6 15	0 2	20 26	1 20	18 53	1 11	18 5	0 4	24 2	0 35	13 58	2 1	8 45	0 47	5 18	2 0	1 14	12 27	6 28	6 0	28 8		n.a.
S 24	23 42	12 3	1n 4	20 54	1 6	18 32	1 7	18 16	0 4	24 3	0 36	13 57	2 0	8 45	0 47	5 18	2 0	1 14	12 27	6 28	5 59	28 7		n.a.
S 25	23 43	17 16	2 7	21 21	0 52	18 10	1 3	18 28	0 3	24 4	0 36	13 56	2 0	8 46	0 47	5 18	2 0	1 14	12 27	6 27	5 58	28 7		n.a.
M26	23 44	21 43	3 2	21 48	0 39	17 48	0 59	18 39	0 2	24 4	0 36	13 56	2 0	8 46	0 47	5 18	2 0	1 14	12 27	6 25	5 56	28 6		n.a.
T 27	23 44	25 11	3 48	22 14	0 26	17 25	0 54	18 50	0 2	24 5	0 36	13 55	2 0	8 46	0 47	5 18	2 0	1 14	12 27	6 22	5 55	28 5		n.a.
W28	23 44	27 30	4 24	22 39	0 13	17 2	0 50	19 0	0 1	24 5	0 36	13 55	2 0	8 46	0 47	5 18	2 0	1 14	12 28	6 17	5 54	28 4		n.a.
T 29	23 44	28 32	4 48	23 3	0 1	16 39	0 45	19 11	0 0	24 6	0 36	13 54	1 59	8 46	0 47	5 18	2 0	1 15	12 28	6 13	5 53	28 4		n.a.
F 30	23n43	28n14	4n59	23n25	0n11	16n16	0n41	19n21	0n 0	24s 7	0s37	13s54	1n59	8s46	0s47	5s18	2n 0	1n15	12s28	6n 7	5n51	28n 3		n.a.

Julian Day Number = 1597024.5, Delta T = 04h01m33s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'28, Lahiri = - 8°39'28 Julian Calendar 1 June 341 BCE == Greg. Calendar 27 May 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

JULY 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 17 56	3♋26'58	22♋53	20♊27	19♌ 2	26♉ 2	7°R43	12°R30	9°R39	17°R59	3♉56	15°R 9	14♈38	14♋39	n.a.	S 1
S 2	18 21 53	4°24'23	4♌45	22°23	20° 3	26°42	7♏35	12♏28	9♓38	17♎59	3°56	14♈56	14°34	14°46	n.a.	S 2
M 3	18 25 49	5°21'49	16°39	24°21	21° 3	27°21	7°27	12°26	9°38	17°59	3°57	14°46	14°31	14°52	n.a.	M 3
T 4	18 29 46	6°19'16	28°38	26°21	22° 4	28° 1	7°20	12°24	9°37	17°59	3°58	14°39	14°28	14°59	n.a.	T 4
W 5	18 33 42	7°16'43	10♍45	28°22	23° 3	28°40	7°12	12°23	9°36	17°D59	3°59	14°34	14°25	15° 6	n.a.	W 5
T 6	18 37 39	8°14'12	23° 4	0♋25	24° 3	29°20	7° 4	12°21	9°35	17°59	3°59	14°32	14°22	15°12	n.a.	T 6
F 7	18 41 36	9°11'41	5♎40	2°28	25° 2	29°59	6°56	12°20	9°35	17°59	4° 0	14°31	14°19	15°19	n.a.	F 7
S 8	18 45 32	10° 9'11	18°37	4°31	26° 1	0♊38	6°48	12°18	9°34	17°59	4° 1	14°31	14°15	15°26	n.a.	S 8
S 9	18 49 29	11° 6'42	1♏59	6°35	26°59	1°17	6°41	12°17	9°33	17°59	4° 1	14°31	14°12	15°33	n.a.	S 9
M10	18 53 25	12° 4'15	15°49	8°39	27°57	1°56	6°33	12°16	9°32	17°59	4° 2	14°28	14° 9	15°39	n.a.	M10
T 11	18 57 22	13° 1'48	0♐ 9	10°42	28°55	2°35	6°25	12°15	9°31	17°59	4° 3	14°23	14° 6	15°46	n.a.	T 11
W12	19 1 18	13°59'23	14°56	12°45	29°52	3°14	6°17	12°14	9°30	18° 0	4° 3	14°16	14° 3	15°53	n.a.	W12
T 13	19 5 15	14°56'59	0♑ 3	14°47	0♍48	3°53	6°10	12°13	9°29	18° 0	4° 4	14° 7	13°59	16° 0	n.a.	T 13
F 14	19 9 11	15°54'36	15°23	16°48	1°44	4°32	6° 2	12°12	9°28	18° 0	4° 4	13°56	13°56	16° 6	n.a.	F 14
S 15	19 13 8	16°52'14	0♒42	18°49	2°40	5°11	5°55	12°11	9°27	18° 1	4° 5	13°45	13°53	16°13	n.a.	S 15
S 16	19 17 5	17°49'54	15°51	20°48	3°35	5°50	5°47	12°11	9°25	18° 1	4° 5	13°36	13°50	16°20	n.a.	S 16
M17	19 21 1	18°47'36	0♓38	22°46	4°30	6°28	5°40	12°10	9°24	18° 1	4° 6	13°29	13°47	16°26	n.a.	M17
T 18	19 24 58	19°45'19	14°59	24°43	5°24	7° 7	5°32	12°10	9°23	18° 2	4° 6	13°24	13°44	16°33	n.a.	T 18
W19	19 28 54	20°43'04	28°51	26°38	6°18	7°46	5°25	12° 9	9°21	18° 2	4° 7	13°22	13°40	16°40	n.a.	W19
T 20	19 32 51	21°40'50	12♈15	28°32	7°11	8°24	5°18	12° 9	9°20	18° 3	4° 7	13°D22	13°37	16°47	n.a.	T 20
F 21	19 36 47	22°38'39	25°13	0♌25	8° 3	9° 3	5°11	12° 9	9°19	18° 3	4° 7	13°R22	13°34	16°53	n.a.	F 21
S 22	19 40 44	23°36'29	7♉50	2°17	8°55	9°41	5° 4	12°D 9	9°17	18° 4	4° 8	13°21	13°31	17° 0	n.a.	S 22
S 23	19 44 40	24°34'22	20°11	4° 7	9°46	10°19	4°57	12° 9	9°16	18° 4	4° 8	13°19	13°28	17° 7	n.a.	S 23
M24	19 48 37	25°32'16	2♊19	5°56	10°37	10°58	4°50	12° 9	9°14	18° 5	4° 9	13°14	13°25	17°14	n.a.	M24
T 25	19 52 34	26°30'12	14°18	7°44	11°27	11°36	4°43	12° 9	9°13	18° 5	4° 9	13° 6	13°21	17°20	n.a.	T 25
W26	19 56 30	27°28'10	26°13	9°30	12°16	12°14	4°36	12°10	9°11	18° 6	4° 9	12°56	13°18	17°27	n.a.	W26
T 27	20 0 27	28°26'10	8♋ 5	11°15	13° 4	12°52	4°30	12°10	9° 9	18° 7	4° 9	12°44	13°15	17°34	n.a.	T 27
F 28	20 4 23	29°24'11	19°57	12°58	13°52	13°30	4°24	12°11	9° 8	18° 8	4°10	12°31	13°12	17°40	n.a.	F 28
S 29	20 8 20	0♌22'15	1♌50	14°41	14°39	14° 8	4°17	12°11	9° 6	18° 8	4°10	12°17	13° 9	17°47	n.a.	S 29
S 30	20 12 16	1°20'20	13°46	16°22	15°25	14°46	4°11	12°12	9° 4	18° 9	4°10	12° 5	13° 5	17°54	n.a.	S 30
M31	20 16 13	2♌18'27	25♌45	18♌ 1	16♍10	15♊24	4♑ 5	12♏13	9♓ 3	18♎10	4♉10	11♈55	13♈ 2	18♋ 1	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n42	26n39	4n57	23n46	0n22	15n52	0n36	19n31	0n 1	24s 7	0s37	13s54	1n59	8s47	0s47	5s18	2n 0	1n15	12s28	6n 2	5n50	28n 2		n.a.
S 2	23 40	23 53	4 43	24 4	0 33	15 28	0 31	19 41	0 2	24 8	0 37	13 53	1 59	8 47	0 47	5 18	2 0	1 15	12 28	5 57	5 49	28 1		n.a.
M 3	23 38	20 6	4 15	24 20	0 43	15 4	0 26	19 51	0 3	24 9	0 37	13 53	1 58	8 47	0 47	5 18	2 0	1 15	12 29	5 53	5 48	28 1		n.a.
T 4	23 35	15 29	3 37	24 34	0 53	14 39	0 21	20 1	0 3	24 9	0 37	13 53	1 58	8 48	0 47	5 18	2 0	1 15	12 29	5 51	5 46	28 0		n.a.
W 5	23 32	10 13	2 48	24 45	1 2	14 14	0 15	20 11	0 4	24 10	0 37	13 52	1 58	8 48	0 48	5 18	2 0	1 15	12 29	5 49	5 45	27 59		n.a.
T 6	23 29	4 29	1 51	24 54	1 10	13 49	0 10	20 20	0 5	24 10	0 38	13 52	1 58	8 48	0 48	5 18	2 0	1 15	12 29	5 48	5 44	27 58		n.a.
F 7	23 25	1s34	0 47	25 0	1 17	13 24	0 4	20 29	0 5	24 11	0 38	13 52	1 58	8 49	0 48	5 18	1 59	1 15	12 29	5 48	5 43	27 57		n.a.
S 8	23 21	7 43	0s22	25 3	1 23	12 59	0s 2	20 38	0 6	24 12	0 38	13 52	1 57	8 49	0 48	5 18	1 59	1 15	12 30	5 48	5 41	27 56		n.a.
S 9	23 16	13 44	1 31	25 3	1 29	12 33	0 8	20 47	0 7	24 12	0 38	13 52	1 57	8 49	0 48	5 18	1 59	1 15	12 30	5 47	5 40	27 56		n.a.
M10	23 11	19 17	2 37	25 1	1 34	12 7	0 14	20 56	0 8	24 13	0 38	13 51	1 57	8 50	0 48	5 18	1 59	1 15	12 30	5 46	5 39	27 55		n.a.
T 11	23 5	23 57	3 36	24 56	1 38	11 42	0 20	21 4	0 8	24 13	0 38	13 51	1 57	8 50	0 48	5 19	1 59	1 15	12 30	5 45	5 38	27 54		n.a.
W12	23 0	27 13	4 22	24 48	1 41	11 15	0 26	21 13	0 9	24 14	0 38	13 51	1 56	8 50	0 48	5 19	1 59	1 15	12 30	5 42	5 36	27 53		n.a.
T 13	22 53	28 36	4 51	24 38	1 44	10 49	0 32	21 21	0 10	24 14	0 39	13 51	1 56	8 51	0 48	5 19	1 59	1 15	12 31	5 38	5 35	27 52		n.a.
F 14	22 47	27 48	5 0	24 25	1 46	10 23	0 39	21 29	0 10	24 15	0 39	13 51	1 56	8 51	0 48	5 19	1 59	1 15	12 31	5 34	5 34	27 51		n.a.
S 15	22 40	24 55	4 47	24 10	1 47	9 57	0 45	21 37	0 11	24 15	0 39	13 51	1 56	8 52	0 48	5 19	1 59	1 15	12 31	5 30	5 33	27 50		n.a.
S 16	22 32	20 20	4 14	23 53	1 48	9 30	0 52	21 45	0 12	24 16	0 39	13 51	1 55	8 52	0 48	5 19	1 59	1 15	12 31	5 26	5 31	27 50		n.a.
M17	22 24	14 34	3 25	23 33	1 47	9 4	0 59	21 52	0 13	24 16	0 39	13 51	1 55	8 53	0 48	5 20	1 59	1 15	12 32	5 23	5 30	27 49		n.a.
T 18	22 16	8 11	2 24	23 12	1 47	8 37	1 6	21 59	0 13	24 16	0 39	13 51	1 55	8 53	0 48	5 20	1 59	1 15	12 32	5 21	5 29	27 48		n.a.
W19	22 7	1 37	1 16	22 49	1 45	8 11	1 13	22 7	0 14	24 17	0 39	13 51	1 55	8 54	0 48	5 20	1 59	1 15	12 32	5 21	5 28	27 47		n.a.
T 20	21 58	4n49	0 6	22 24	1 44	7 44	1 21	22 14	0 15	24 17	0 39	13 52	1 54	8 54	0 48	5 20	1 59	1 15	12 32	5 20	5 26	27 46		n.a.
F 21	21 49	10 51	1n 2	21 58	1 41	7 18	1 28	22 20	0 16	24 18	0 39	13 52	1 54	8 55	0 48	5 21	1 59	1 15	12 32	5 20	5 25	27 45		n.a.
S 22	21 39	16 16	2 6	21 30	1 39	6 51	1 36	22 27	0 16	24 18	0 40	13 52	1 54	8 56	0 48	5 21	1 58	1 15	12 33	5 20	5 24	27 44		n.a.
S 23	21 29	20 55	3 1	21 1	1 35	6 25	1 43	22 34	0 17	24 18	0 40	13 52	1 54	8 56	0 48	5 21	1 58	1 14	12 33	5 19	5 23	27 43		n.a.
M24	21 18	24 36	3 48	20 30	1 32	5 58	1 51	22 40	0 18	24 19	0 40	13 52	1 54	8 57	0 48	5 21	1 58	1 14	12 33	5 17	5 21	27 42		n.a.
T 25	21 7	27 10	4 24	19 58	1 28	5 32	1 59	22 46	0 19	24 19	0 40	13 53	1 53	8 57	0 48	5 22	1 58	1 14	12 33	5 14	5 20	27 41		n.a.
W26	20 56	28 29	4 48	19 26	1 23	5 5	2 7	22 52	0 19	24 19	0 40	13 53	1 53	8 58	0 48	5 22	1 58	1 14	12 34	5 10	5 19	27 40		n.a.
T 27	20 44	28 28	4 59	18 52	1 18	4 39	2 15	22 58	0 20	24 20	0 40	13 53	1 53	8 59	0 48	5 22	1 58	1 14	12 34	5 5	5 18	27 39		n.a.
F 28	20 32	27 9	4 58	18 18	1 13	4 13	2 23	23 3	0 21	24 20	0 40	13 54	1 53	8 59	0 48	5 23	1 58	1 14	12 34	5 0	5 16	27 38		n.a.
S 29	20 19	24 36	4 43	17 43	1 8	3 47	2 32	23 9	0 22	24 20	0 40	13 54	1 52	9 0	0 48	5 23	1 58	1 14	12 34	4 55	5 15	27 37		n.a.
S 30	20 7	20 59	4 17	17 7	1 2	3 21	2 40	23 14	0 23	24 21	0 40	13 55	1 52	9 1	0 48	5 23	1 58	1 14	12 34	4 50	5 14	27 36		n.a.
M31	19n54	16n30	3n38	16n30	0n56	2n56	2s49	23n19	0n23	24s21	0s40	13s55	1n52	9s 1	0s48	5s24	1n58	1n13	12s35	4n46	5n13	27n35		n.a.

Julian Day Number = 1597054.5, Delta T = 04h01m32s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'24, Lahiri = - 8°39'24 Julian Calendar 1 July 341 BCE == Greg. Calendar 26 June 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

AUGUST 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 9	3♌16'35	7♍51	19♌40	16♍55	16♊ 1	3°R59	12♏14	9°R 1	18♎11	4♉11	11°R48	12♈59	18♋ 7	n.a.	T 1
W 2	20 24 6	4°14'45	20° 4	21°17	17°38	16°39	3♋53	12°15	8♓59	18°12	4°11	11♈43	12°56	18°14	n.a.	W 2
T 3	20 28 3	5°12'57	2♎28	22°53	18°21	17°17	3°48	12°16	8°57	18°13	4°11	11°41	12°53	18°21	n.a.	T 3
F 4	20 31 59	6°11'10	15° 6	24°28	19° 2	17°54	3°42	12°17	8°55	18°14	4°11	11°D41	12°50	18°27	n.a.	F 4
S 5	20 35 56	7° 9'25	28° 2	26° 2	19°43	18°32	3°37	12°19	8°53	18°15	4°11	11°41	12°46	18°34	n.a.	S 5
S 6	20 39 52	8° 7'42	11♏20	27°34	20°22	19° 9	3°32	12°20	8°51	18°16	4°11	11°R41	12°43	18°41	n.a.	S 6
M 7	20 43 49	9° 6'00	25° 2	29° 5	21° 1	19°46	3°27	12°21	8°49	18°17	4°11	11°40	12°40	18°48	n.a.	M 7
T 8	20 47 45	10° 4'20	9♐11	0♍35	21°38	20°24	3°22	12°23	8°47	18°18	4°11	11°37	12°37	18°54	n.a.	T 8
W 9	20 51 42	11° 2'42	23°44	2° 4	22°14	21° 1	3°17	12°25	8°45	18°19	4°R11	11°31	12°34	19° 1	n.a.	W 9
T 10	20 55 38	12° 1'05	8♑39	3°32	22°48	21°38	3°13	12°26	8°43	18°20	4°11	11°24	12°31	19° 8	n.a.	T 10
F 11	20 59 35	12°59'30	23°48	4°58	23°22	22°15	3° 8	12°28	8°41	18°21	4°11	11°15	12°27	19°15	n.a.	F 11
S 12	21 3 32	13°57'57	9♒ 1	6°23	23°54	22°52	3° 4	12°30	8°39	18°22	4°11	11° 7	12°24	19°21	n.a.	S 12
S 13	21 7 28	14°56'26	24° 8	7°47	24°24	23°29	3° 0	12°32	8°37	18°24	4°11	10°59	12°21	19°28	n.a.	S 13
M14	21 11 25	15°54'57	8♓58	9° 9	24°53	24° 6	2°56	12°34	8°35	18°25	4°11	10°53	12°18	19°35	n.a.	M14
T 15	21 15 21	16°53'30	23°24	10°30	25°21	24°42	2°52	12°37	8°32	18°26	4°11	10°50	12°15	19°41	n.a.	T 15
W16	21 19 18	17°52'05	7♈23	11°50	25°47	25°19	2°49	12°39	8°30	18°27	4°11	10°D49	12°11	19°48	n.a.	W16
T 17	21 23 14	18°50'43	20°54	13° 8	26°11	25°56	2°46	12°41	8°28	18°29	4°10	10°49	12° 8	19°55	n.a.	T 17
F 18	21 27 11	19°49'23	3♉57	14°25	26°34	26°32	2°42	12°44	8°26	18°30	4°10	10°50	12° 5	20° 2	n.a.	F 18
S 19	21 31 7	20°48'05	16°38	15°41	26°55	27° 9	2°40	12°47	8°23	18°31	4°10	10°R51	12° 2	20° 8	n.a.	S 19
S 20	21 35 4	21°46'49	28°59	16°54	27°14	27°45	2°37	12°49	8°21	18°33	4°10	10°51	11°59	20°15	n.a.	S 20
M21	21 39 1	22°45'36	11♊ 7	18° 6	27°31	28°21	2°34	12°52	8°19	18°34	4°10	10°49	11°56	20°22	n.a.	M21
T 22	21 42 57	23°44'26	23° 5	19°16	27°46	28°58	2°32	12°55	8°16	18°36	4° 9	10°45	11°52	20°29	n.a.	T 22
W23	21 46 54	24°43'17	4♋58	20°25	27°59	29°34	2°30	12°58	8°14	18°37	4° 9	10°39	11°49	20°35	n.a.	W23
T 24	21 50 50	25°42'11	16°49	21°31	28°11	0♋10	2°28	13° 1	8°12	18°39	4° 9	10°31	11°46	20°42	n.a.	T 24
F 25	21 54 47	26°41'08	28°42	22°35	28°20	0°46	2°26	13° 4	8° 9	18°40	4° 8	10°23	11°43	20°49	n.a.	F 25
S 26	21 58 43	27°40'06	10♌38	23°37	28°27	1°22	2°24	13° 7	8° 7	18°42	4° 8	10°15	11°40	20°55	n.a.	S 26
S 27	22 2 40	28°39'07	22°41	24°37	28°32	1°58	2°23	13°10	8° 5	18°43	4° 8	10° 7	11°37	21° 2	n.a.	S 27
M28	22 6 36	29°38'10	4♍50	25°33	28°34	2°33	2°22	13°14	8° 2	18°45	4° 7	10° 1	11°33	21° 9	n.a.	M28
T 29	22 10 33	0♍37'14	17° 7	26°27	28°R34	3° 9	2°21	13°17	8° 0	18°47	4° 7	9°56	11°30	21°16	n.a.	T 29
W30	22 14 29	1°36'21	29°34	27°18	28°32	3°45	2°20	13°21	7°58	18°48	4° 6	9°54	11°27	21°22	n.a.	W30
T 31	22 18 26	2♍35'30	12♎12	28♍ 5	28♍28	4♋20	2♋19	13♏24	7♓55	18♎50	4♉ 6	9°D54	11♈24	21♋29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n40	11n21	2n49	15n53	0n49	2n30	2s58	23n24	0n24	24s21	0s40	13s56	1n52	9s 2	0s48	5s24	1n58	1n13	12s35	4n43	5n11	27n34		n.a.
W 2	19 26	5 42	1 52	15 16	0 43	2 5	3 7	23 28	0 25	24 21	0 41	13 56	1 51	9 3	0 48	5 25	1 58	1 13	12 35	4 41	5 10	27 33		n.a.
T 3	19 12	0s15	0 49	14 38	0 36	1 40	3 15	23 33	0 26	24 22	0 41	13 57	1 51	9 4	0 48	5 25	1 58	1 13	12 35	4 41	5 9	27 32		n.a.
F 4	18 58	6 18	0s18	13 59	0 29	1 16	3 24	23 37	0 26	24 22	0 41	13 57	1 51	9 4	0 48	5 25	1 58	1 13	12 36	4 40	5 8	27 31		n.a.
S 5	18 43	12 15	1 26	13 21	0 22	0 51	3 34	23 41	0 27	24 22	0 41	13 58	1 51	9 5	0 48	5 26	1 58	1 13	12 36	4 41	5 6	27 30		n.a.
S 6	18 28	17 49	2 31	12 42	0 15	0 27	3 43	23 45	0 28	24 22	0 41	13 59	1 50	9 6	0 48	5 26	1 57	1 12	12 36	4 41	5 5	27 29		n.a.
M 7	18 12	22 39	3 30	12 3	0 7	0 3	3 52	23 49	0 29	24 22	0 41	13 59	1 50	9 7	0 48	5 27	1 57	1 12	12 36	4 40	5 4	27 28		n.a.
T 8	17 57	26 20	4 17	11 24	0s 0	0s20	4 2	23 53	0 30	24 23	0 41	14 0	1 50	9 7	0 48	5 27	1 57	1 12	12 37	4 39	5 3	27 27		n.a.
W 9	17 40	28 25	4 50	10 45	0 8	0 43	4 11	23 56	0 30	24 23	0 41	14 1	1 50	9 8	0 49	5 28	1 57	1 12	12 37	4 37	5 1	27 26		n.a.
T 10	17 24	28 30	5 4	10 5	0 16	1 6	4 21	23 59	0 31	24 23	0 41	14 2	1 49	9 9	0 49	5 28	1 57	1 11	12 37	4 34	5 0	27 25		n.a.
F 11	17 8	26 29	4 57	9 26	0 24	1 28	4 30	24 3	0 32	24 23	0 41	14 2	1 49	9 10	0 49	5 29	1 57	1 11	12 37	4 30	4 59	27 24		n.a.
S 12	16 51	22 33	4 29	8 47	0 32	1 49	4 40	24 5	0 33	24 23	0 41	14 3	1 49	9 11	0 49	5 29	1 57	1 11	12 37	4 27	4 58	27 22		n.a.
S 13	16 33	17 8	3 43	8 8	0 40	2 10	4 50	24 8	0 34	24 23	0 41	14 4	1 49	9 11	0 49	5 30	1 57	1 11	12 38	4 24	4 56	27 21		n.a.
M14	16 16	10 48	2 42	7 30	0 48	2 31	4 59	24 11	0 34	24 24	0 41	14 5	1 49	9 12	0 49	5 30	1 57	1 11	12 38	4 22	4 55	27 20		n.a.
T 15	15 58	4 3	1 32	6 51	0 56	2 51	5 9	24 13	0 35	24 24	0 41	14 6	1 48	9 13	0 49	5 31	1 57	1 10	12 38	4 20	4 54	27 19		n.a.
W16	15 40	2n41	0 18	6 13	1 5	3 10	5 19	24 15	0 36	24 24	0 41	14 7	1 48	9 14	0 49	5 31	1 57	1 10	12 38	4 20	4 53	27 18		n.a.
T 17	15 22	9 5	0n54	5 35	1 13	3 29	5 29	24 17	0 37	24 24	0 41	14 8	1 48	9 15	0 49	5 32	1 57	1 10	12 39	4 20	4 51	27 17		n.a.
F 18	15 3	14 53	2 1	4 58	1 21	3 47	5 39	24 19	0 38	24 24	0 41	14 9	1 48	9 16	0 49	5 33	1 57	1 9	12 39	4 20	4 50	27 16		n.a.
S 19	14 44	19 54	3 0	4 21	1 30	4 5	5 49	24 21	0 39	24 24	0 41	14 10	1 47	9 17	0 49	5 33	1 57	1 9	12 39	4 21	4 49	27 15		n.a.
S 20	14 25	23 55	3 50	3 44	1 38	4 21	5 58	24 23	0 39	24 24	0 41	14 11	1 47	9 17	0 49	5 34	1 57	1 9	12 39	4 21	4 48	27 13		n.a.
M21	14 6	26 48	4 28	3 8	1 46	4 37	6 8	24 24	0 40	24 24	0 41	14 12	1 47	9 18	0 49	5 34	1 57	1 9	12 40	4 20	4 46	27 12		n.a.
T 22	13 46	28 26	4 53	2 33	1 54	4 52	6 18	24 25	0 41	24 24	0 41	14 13	1 47	9 19	0 49	5 35	1 57	1 8	12 40	4 18	4 45	27 11		n.a.
W23	13 27	28 45	5 6	1 59	2 2	5 6	6 27	24 26	0 42	24 24	0 41	14 14	1 46	9 20	0 49	5 36	1 56	1 8	12 40	4 16	4 44	27 10		n.a.
T 24	13 7	27 43	5 6	1 25	2 10	5 19	6 37	24 27	0 43	24 24	0 41	14 15	1 46	9 21	0 49	5 36	1 56	1 8	12 40	4 13	4 43	27 9		n.a.
F 25	12 46	25 26	4 52	0 52	2 18	5 31	6 46	24 28	0 44	24 24	0 41	14 16	1 46	9 22	0 49	5 37	1 56	1 7	12 40	4 10	4 41	27 7		n.a.
S 26	12 26	22 3	4 26	0 21	2 25	5 42	6 55	24 28	0 45	24 24	0 41	14 18	1 46	9 23	0 49	5 37	1 56	1 7	12 41	4 6	4 40	27 6		n.a.
S 27	12 5	17 42	3 48	0s10	2 33	5 52	7 4	24 29	0 45	24 25	0 41	14 19	1 46	9 24	0 49	5 38	1 56	1 7	12 41	4 3	4 39	27 5		n.a.
M28	11 44	12 37	2 58	0 39	2 40	6 1	7 13	24 29	0 46	24 25	0 41	14 20	1 45	9 25	0 49	5 39	1 56	1 6	12 41	4 1	4 38	27 4		n.a.
T 29	11 23	7 0	2 0	1 7	2 47	6 9	7 21	24 29	0 47	24 25	0 42	14 21	1 45	9 26	0 49	5 39	1 56	1 6	12 41	3 59	4 36	27 2		n.a.
W30	11 2	1 1	0 56	1 34	2 54	6 16	7 29	24 29	0 48	24 25	0 42	14 22	1 45	9 26	0 49	5 40	1 56	1 6	12 41	3 58	4 35	27 1		n.a.
T 31	10n41	5s 4	0s13	1s58	3s 0	6s21	7s37	24n29	0n49	24s25	0s42	14s24	1n45	9s27	0s49	5s41	1n56	1n 5	12s42	3n58	4n34	27n 0		n.a.

Julian Day Number = 1597085.5, Delta T = 04h01m31s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'20, Lahiri = - 8°39'19 Julian Calendar 1 Aug. 341 BCE == Greg. Calendar 27 July 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

SEPTEMBER 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 22 23	3♍34'41	25♎ 2	28♍48	28°R21	4♋56	2°R19	13♏28	7°R53	18♎52	4°R 6	9♈54	11♈21	21♋36	n.a.	F 1
S 2	22 26 19	4°33'54	8♏ 7	29°28	28♍11	5°31	2♑18	13°32	7♓50	18°53	4♉ 5	9°56	11°17	21°42	n.a.	S 2
S 3	22 30 16	5°33'09	21°29	0♎ 3	28° 0	6° 6	2°D18	13°36	7°48	18°55	4° 5	9°57	11°14	21°49	n.a.	S 3
M 4	22 34 12	6°32'25	5♐ 8	0°33	27°46	6°41	2°19	13°40	7°45	18°57	4° 4	9°R58	11°11	21°56	n.a.	M 4
T 5	22 38 9	7°31'44	19° 8	0°58	27°29	7°16	2°19	13°44	7°43	18°59	4° 3	9°58	11° 8	22° 3	n.a.	T 5
W 6	22 42 5	8°31'04	3♑26	1°18	27°10	7°51	2°20	13°48	7°41	19° 0	4° 3	9°56	11° 5	22° 9	n.a.	W 6
T 7	22 46 2	9°30'27	18° 0	1°31	26°49	8°26	2°20	13°52	7°38	19° 2	4° 2	9°52	11° 2	22°16	n.a.	T 7
F 8	22 49 58	10°29'51	2♒46	1°R37	26°26	9° 1	2°21	13°56	7°36	19° 4	4° 2	9°48	10°58	22°23	n.a.	F 8
S 9	22 53 55	11°29'17	17°37	1°37	26° 1	9°36	2°22	14° 1	7°33	19° 6	4° 1	9°44	10°55	22°30	n.a.	S 9
S 10	22 57 52	12°28'45	2♓25	1°28	25°33	10°10	2°24	14° 5	7°31	19° 8	4° 0	9°40	10°52	22°36	n.a.	S 10
M11	23 1 48	13°28'15	17° 3	1°12	25° 4	10°45	2°25	14° 9	7°28	19°10	4° 0	9°38	10°49	22°43	n.a.	M11
T 12	23 5 45	14°27'47	1♈23	0°48	24°33	11°19	2°27	14°14	7°26	19°12	3°59	9°36	10°46	22°50	n.a.	T 12
W13	23 9 41	15°27'21	15°20	0°15	24° 1	11°54	2°29	14°19	7°24	19°14	3°58	9°D36	10°43	22°56	n.a.	W13
T 14	23 13 38	16°26'58	28°53	29♍34	23°28	12°28	2°31	14°23	7°21	19°16	3°58	9°37	10°39	23° 3	n.a.	T 14
F 15	23 17 34	17°26'37	12♉ 1	28°45	22°53	13° 2	2°34	14°28	7°19	19°17	3°57	9°39	10°36	23°10	n.a.	F 15
S 16	23 21 31	18°26'19	24°46	27°48	22°18	13°36	2°36	14°33	7°16	19°19	3°56	9°40	10°33	23°17	n.a.	S 16
S 17	23 25 27	19°26'02	7♊12	26°44	21°42	14°10	2°39	14°38	7°14	19°21	3°55	9°41	10°30	23°23	n.a.	S 17
M18	23 29 24	20°25'49	19°22	25°35	21° 5	14°44	2°42	14°43	7°12	19°24	3°55	9°R42	10°27	23°30	n.a.	M18
T 19	23 33 21	21°25'37	1♋22	24°22	20°29	15°17	2°45	14°48	7° 9	19°26	3°54	9°42	10°23	23°37	n.a.	T 19
W20	23 37 17	22°25'28	13°15	23° 7	19°52	15°51	2°48	14°53	7° 7	19°28	3°53	9°40	10°20	23°43	n.a.	W20
T 21	23 41 14	23°25'21	25° 7	21°52	19°16	16°24	2°52	14°58	7° 5	19°30	3°52	9°38	10°17	23°50	n.a.	T 21
F 22	23 45 10	24°25'17	7♌ 2	20°40	18°41	16°58	2°55	15° 3	7° 3	19°32	3°51	9°36	10°14	23°57	n.a.	F 22
S 23	23 49 7	25°25'14	19° 2	19°32	18° 6	17°31	2°59	15° 8	7° 0	19°34	3°51	9°34	10°11	24° 4	n.a.	S 23
S 24	23 53 3	26°25'14	1♍11	18°31	17°32	18° 4	3° 3	15°14	6°58	19°36	3°50	9°32	10° 8	24°10	n.a.	S 24
M25	23 57 0	27°25'16	13°31	17°39	17° 0	18°37	3° 7	15°19	6°56	19°38	3°49	9°30	10° 4	24°17	n.a.	M25
T 26	0 0 56	28°25'20	26° 4	16°56	16°29	19°10	3°12	15°25	6°54	19°40	3°48	9°29	10° 1	24°24	n.a.	T 26
W27	0 4 53	29°25'26	8♎49	16°24	16° 0	19°43	3°16	15°30	6°51	19°42	3°47	9°D29	9°58	24°30	n.a.	W27
T 28	0 8 49	0♎25'34	21°48	16° 4	15°33	20°15	3°21	15°36	6°49	19°44	3°46	9°29	9°55	24°37	n.a.	T 28
F 29	0 12 46	1°25'44	5♏ 1	15°D55	15° 7	20°48	3°26	15°41	6°47	19°47	3°45	9°30	9°52	24°44	n.a.	F 29
S 30	0 16 43	2♎25'55	18♏26	15♍58	14♍44	21♋20	3♑31	15♏47	6♓45	19♎49	3♉44	9♈30	9♈48	24♋51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n19	11s 4	1s22	2s21	3s 6	6s25	7s44	24n29	0n50	24s25	0s42	14s25	1n45	9s28	0s49	5s41	1n56	1n 5	12s42	3n58	4n33	26n59		n.a.
S 2	9 57	16 43	2 28	2 42	3 11	6 28	7 51	24 28	0 51	24 25	0 42	14 26	1 44	9 29	0 49	5 42	1 56	1 5	12 42	3 59	4 31	26 57		n.a.
S 3	9 35	21 41	3 27	3 1	3 16	6 29	7 58	24 27	0 52	24 25	0 42	14 28	1 44	9 30	0 49	5 43	1 56	1 4	12 42	3 59	4 30	26 56		n.a.
M 4	9 13	25 38	4 17	3 17	3 21	6 29	8 4	24 26	0 53	24 25	0 42	14 29	1 44	9 31	0 49	5 44	1 56	1 4	12 42	4 0	4 29	26 55		n.a.
T 5	8 51	28 8	4 52	3 30	3 24	6 27	8 9	24 26	0 53	24 25	0 42	14 31	1 44	9 32	0 49	5 44	1 56	1 4	12 43	4 0	4 27	26 54		n.a.
W 6	8 29	28 52	5 10	3 41	3 27	6 24	8 14	24 24	0 54	24 25	0 42	14 32	1 43	9 33	0 49	5 45	1 56	1 3	12 43	3 59	4 26	26 52		n.a.
T 7	8 6	27 37	5 9	3 48	3 29	6 19	8 18	24 23	0 55	24 25	0 42	14 33	1 43	9 34	0 49	5 46	1 56	1 3	12 43	3 57	4 25	26 51		n.a.
F 8	7 43	24 27	4 48	3 51	3 30	6 13	8 22	24 22	0 56	24 25	0 42	14 35	1 43	9 35	0 49	5 47	1 56	1 3	12 43	3 56	4 24	26 50		n.a.
S 9	7 21	19 39	4 7	3 51	3 30	6 6	8 25	24 20	0 57	24 25	0 42	14 36	1 43	9 36	0 49	5 47	1 56	1 2	12 43	3 54	4 22	26 48		n.a.
S 10	6 58	13 41	3 10	3 47	3 29	5 57	8 27	24 18	0 58	24 25	0 42	14 38	1 43	9 37	0 49	5 48	1 56	1 2	12 44	3 53	4 21	26 47		n.a.
M11	6 35	7 1	2 1	3 37	3 26	5 46	8 28	24 17	0 59	24 25	0 42	14 39	1 42	9 37	0 49	5 49	1 56	1 1	12 44	3 52	4 20	26 46		n.a.
T 12	6 11	0 8	0 45	3 24	3 21	5 34	8 28	24 15	1 0	24 24	0 42	14 41	1 42	9 38	0 49	5 50	1 56	1 1	12 44	3 51	4 19	26 44		n.a.
W13	5 48	6n36	0n31	3 5	3 15	5 21	8 27	24 13	1 1	24 24	0 42	14 43	1 42	9 39	0 49	5 50	1 56	1 1	12 44	3 51	4 17	26 43		n.a.
T 14	5 25	12 50	1 44	2 41	3 8	5 6	8 26	24 10	1 2	24 24	0 42	14 44	1 42	9 40	0 49	5 51	1 56	1 0	12 44	3 51	4 16	26 42		n.a.
F 15	5 1	18 19	2 49	2 13	2 58	4 50	8 23	24 8	1 3	24 24	0 41	14 46	1 42	9 41	0 49	5 52	1 56	1 0	12 44	3 52	4 15	26 40		n.a.
S 16	4 38	22 48	3 44	1 39	2 46	4 33	8 20	24 5	1 4	24 24	0 41	14 47	1 42	9 42	0 49	5 53	1 55	0 59	12 45	3 53	4 14	26 39		n.a.
S 17	4 14	26 9	4 26	1 1	2 33	4 14	8 16	24 3	1 5	24 24	0 41	14 49	1 41	9 43	0 49	5 53	1 55	0 59	12 45	3 53	4 12	26 37		n.a.
M18	3 50	28 13	4 56	0 19	2 17	3 55	8 10	24 0	1 6	24 24	0 41	14 51	1 41	9 44	0 49	5 54	1 55	0 59	12 45	3 53	4 11	26 36		n.a.
T 19	3 26	28 56	5 12	0n26	2 0	3 35	8 4	23 57	1 7	24 24	0 41	14 52	1 41	9 45	0 49	5 55	1 55	0 58	12 45	3 53	4 10	26 35		n.a.
W20	3 3	28 17	5 15	1 13	1 42	3 14	7 57	23 54	1 8	24 24	0 41	14 54	1 41	9 45	0 49	5 56	1 55	0 58	12 45	3 53	4 9	26 33		n.a.
T 21	2 39	26 21	5 4	2 1	1 22	2 53	7 49	23 51	1 9	24 24	0 41	14 56	1 41	9 46	0 49	5 57	1 55	0 57	12 45	3 52	4 7	26 32		n.a.
F 22	2 15	23 15	4 40	2 48	1 2	2 31	7 41	23 48	1 10	24 24	0 41	14 57	1 40	9 47	0 49	5 57	1 55	0 57	12 46	3 51	4 6	26 30		n.a.
S 23	1 51	19 9	4 4	3 34	0 41	2 9	7 31	23 45	1 11	24 24	0 41	14 59	1 40	9 48	0 49	5 58	1 55	0 57	12 46	3 50	4 5	26 29		n.a.
S 24	1 26	14 14	3 16	4 17	0 21	1 46	7 21	23 41	1 12	24 24	0 41	15 1	1 40	9 49	0 49	5 59	1 55	0 56	12 46	3 49	4 4	26 27		n.a.
M25	1 2	8 41	2 19	4 56	0 1	1 24	7 10	23 38	1 13	24 23	0 41	15 2	1 40	9 50	0 49	6 0	1 55	0 56	12 46	3 49	4 2	26 26		n.a.
T 26	0 38	2 42	1 14	5 30	0n18	1 1	6 58	23 34	1 14	24 23	0 41	15 4	1 40	9 50	0 49	6 1	1 55	0 55	12 46	3 48	4 1	26 25		n.a.
W27	0 14	3s29	0 4	5 59	0 36	0 39	6 46	23 30	1 15	24 23	0 41	15 6	1 40	9 51	0 49	6 2	1 55	0 55	12 46	3 48	4 0	26 23		n.a.
T 28	0s10	9 39	1s 8	6 22	0 53	0 16	6 34	23 26	1 16	24 23	0 41	15 8	1 39	9 52	0 49	6 2	1 55	0 55	12 46	3 48	3 58	26 22		n.a.
F 29	0 35	15 30	2 17	6 39	1 8	0n 5	6 21	23 22	1 17	24 23	0 41	15 10	1 39	9 53	0 49	6 3	1 55	0 54	12 46	3 48	3 57	26 20		n.a.
S 30	0s59	20s43	3s19	6n51	1n21	0n27	6s 7	23n18	1n18	24s23	0s41	15s11	1n39	9s54	0s48	6s 4	1n55	0n54	12s47	3n49	3n56	26n19		n.a.

Julian Day Number = 1597116.5, Delta T = 04h01m30s
Ecliptic obliquity = 23°44'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'16, Lahiri = - 8°39'15 Julian Calendar 1 Sept. 341 BCE == Greg. Calendar 27 Aug. 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

OCTOBER 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 20 39	3♎26'09	2♐ 3	16♍11	14°R23	21♋53	3♑36	15♏53	6°R43	19♎51	3°R43	9♈31	9♈45	24♋57	n.a.	S 1
M 2	0 24 36	4°26'24	15°52	16°35	14♍ 4	22°25	3°42	15°58	6♓41	19°53	3♉42	9°32	9°42	25° 4	n.a.	M 2
T 3	0 28 32	5°26'40	29°52	17° 8	13°47	22°57	3°48	16° 4	6°39	19°55	3°41	9°R32	9°39	25°11	n.a.	T 3
W 4	0 32 29	6°26'59	14♑ 1	17°50	13°33	23°28	3°53	16°10	6°37	19°58	3°40	9°32	9°36	25°18	n.a.	W 4
T 5	0 36 25	7°27'19	28°18	18°40	13°21	24° 0	3°59	16°16	6°35	20° 0	3°39	9°32	9°33	25°24	n.a.	T 5
F 6	0 40 22	8°27'40	12♒40	19°37	13°12	24°32	4° 6	16°22	6°33	20° 2	3°38	9°31	9°29	25°31	n.a.	F 6
S 7	0 44 18	9°28'03	27° 2	20°39	13° 5	25° 3	4°12	16°28	6°31	20° 4	3°37	9°D31	9°26	25°38	n.a.	S 7
S 8	0 48 15	10°28'27	11♓22	21°47	13° 1	25°34	4°18	16°34	6°29	20° 6	3°36	9°31	9°23	25°44	n.a.	S 8
M 9	0 52 12	11°28'53	25°33	22°59	12°D59	26° 5	4°25	16°40	6°27	20° 9	3°35	9°32	9°20	25°51	n.a.	M 9
T 10	0 56 8	12°29'20	9♈33	24°16	12°59	26°36	4°32	16°46	6°25	20°11	3°34	9°R32	9°17	25°58	n.a.	T 10
W11	1 0 5	13°29'49	23°17	25°35	13° 2	27° 7	4°39	16°53	6°23	20°13	3°33	9°32	9°14	26° 5	n.a.	W11
T 12	1 4 1	14°30'20	6♉42	26°57	13° 8	27°38	4°46	16°59	6°22	20°15	3°32	9°31	9°10	26°11	n.a.	T 12
F 13	1 7 58	15°30'53	19°47	28°22	13°15	28° 8	4°53	17° 5	6°20	20°18	3°31	9°31	9° 7	26°18	n.a.	F 13
S 14	1 11 54	16°31'28	2♊33	29°49	13°25	28°39	5° 1	17°12	6°18	20°20	3°30	9°30	9° 4	26°25	n.a.	S 14
S 15	1 15 51	17°32'04	15° 1	1♎17	13°37	29° 9	5° 8	17°18	6°17	20°22	3°29	9°29	9° 1	26°31	n.a.	S 15
M16	1 19 47	18°32'43	27°14	2°47	13°51	29°39	5°16	17°24	6°15	20°24	3°28	9°28	8°58	26°38	n.a.	M16
T 17	1 23 44	19°33'23	9♋15	4°18	14° 8	0♌ 9	5°24	17°31	6°13	20°27	3°27	9°27	8°54	26°45	n.a.	T 17
W18	1 27 41	20°34'05	21° 9	5°49	14°26	0°38	5°32	17°37	6°12	20°29	3°25	9°D27	8°51	26°52	n.a.	W18
T 19	1 31 37	21°34'49	3♌ 1	7°22	14°47	1° 8	5°40	17°44	6°10	20°31	3°24	9°27	8°48	26°58	n.a.	T 19
F 20	1 35 34	22°35'34	14°56	8°55	15° 9	1°37	5°48	17°50	6° 9	20°33	3°23	9°28	8°45	27° 5	n.a.	F 20
S 21	1 39 30	23°36'21	26°57	10°28	15°33	2° 6	5°57	17°57	6° 7	20°36	3°22	9°29	8°42	27°12	n.a.	S 21
S 22	1 43 27	24°37'10	9♍10	12° 2	15°59	2°35	6° 5	18° 3	6° 6	20°38	3°21	9°31	8°39	27°18	n.a.	S 22
M23	1 47 23	25°38'00	21°38	13°36	16°27	3° 4	6°14	18°10	6° 5	20°40	3°20	9°32	8°35	27°25	n.a.	M23
T 24	1 51 20	26°38'52	4♎23	15°10	16°56	3°33	6°23	18°17	6° 3	20°42	3°19	9°R32	8°32	27°32	n.a.	T 24
W25	1 55 16	27°39'45	17°26	16°44	17°27	4° 1	6°32	18°23	6° 2	20°45	3°18	9°32	8°29	27°39	n.a.	W25
T 26	1 59 13	28°40'40	0♏48	18°19	18° 0	4°29	6°41	18°30	6° 1	20°47	3°16	9°31	8°26	27°45	n.a.	T 26
F 27	2 3 10	29°41'36	14°27	19°53	18°34	4°57	6°50	18°37	6° 0	20°49	3°15	9°29	8°23	27°52	n.a.	F 27
S 28	2 7 6	0♏42'33	28°21	21°27	19° 9	5°25	7° 0	18°44	5°59	20°51	3°14	9°26	8°20	27°59	n.a.	S 28
S 29	2 11 3	1°43'32	12♐25	23° 2	19°46	5°52	7° 9	18°50	5°58	20°54	3°13	9°23	8°16	28° 5	n.a.	S 29
M30	2 14 59	2°44'31	26°37	24°36	20°24	6°19	7°19	18°57	5°57	20°56	3°12	9°20	8°13	28°12	n.a.	M30
T 31	2 18 56	3♏45'31	10♑51	26♎10	21♍ 3	6♌46	7♑29	19♏ 4	5♓56	20♎58	3♉11	9♈17	8♈10	28♋19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1s23	24s56	4s12	6n56	1n32	0n48	5s54	23n14	1n19	24s23	0s41	15s13	1n39	9s54	0s48	6s 5	1n55	0n53	12s47	3n49	3n55	26n17			n.a.
M 2	1 47	27 47	4 50	6 56	1 42	1 8	5 40	23 10	1 20	24 22	0 41	15 15	1 39	9 55	0 48	6 6	1 55	0 53	12 47	3 49	3 53	26 16			n.a.
T 3	2 11	28 57	5 12	6 50	1 51	1 27	5 25	23 5	1 21	24 22	0 41	15 17	1 39	9 56	0 48	6 7	1 55	0 52	12 47	3 49	3 52	26 14			n.a.
W 4	2 36	28 14	5 16	6 40	1 58	1 46	5 11	23 1	1 22	24 22	0 41	15 19	1 39	9 57	0 48	6 8	1 55	0 52	12 47	3 49	3 51	26 13			n.a.
T 5	3 0	25 39	5 0	6 25	2 3	2 4	4 57	22 57	1 23	24 22	0 41	15 21	1 38	9 57	0 48	6 8	1 55	0 52	12 47	3 49	3 50	26 11			n.a.
F 6	3 24	21 28	4 26	6 6	2 7	2 21	4 42	22 52	1 24	24 22	0 41	15 22	1 38	9 58	0 48	6 9	1 55	0 51	12 47	3 49	3 48	26 10			n.a.
S 7	3 48	16 0	3 34	5 44	2 10	2 37	4 28	22 47	1 25	24 22	0 41	15 24	1 38	9 59	0 48	6 10	1 55	0 51	12 47	3 49	3 47	26 8			n.a.
S 8	4 12	9 42	2 30	5 19	2 12	2 52	4 13	22 43	1 27	24 21	0 41	15 26	1 38	9 59	0 48	6 11	1 55	0 50	12 47	3 49	3 46	26 7			n.a.
M 9	4 36	2 57	1 17	4 50	2 12	3 6	3 59	22 38	1 28	24 21	0 41	15 28	1 38	10 0	0 48	6 12	1 55	0 50	12 47	3 49	3 45	26 5			n.a.
T 10	5 0	3n50	0n 0	4 19	2 12	3 19	3 45	22 33	1 29	24 21	0 41	15 30	1 38	10 1	0 48	6 13	1 55	0 50	12 47	3 49	3 43	26 3			n.a.
W11	5 23	10 19	1 16	3 47	2 11	3 30	3 31	22 28	1 30	24 21	0 41	15 32	1 38	10 1	0 48	6 14	1 55	0 49	12 47	3 49	3 42	26 2			n.a.
T 12	5 47	16 12	2 25	3 12	2 9	3 41	3 17	22 23	1 31	24 20	0 41	15 34	1 37	10 2	0 48	6 14	1 55	0 49	12 48	3 49	3 41	26 0			n.a.
F 13	6 11	21 11	3 25	2 35	2 7	3 51	3 3	22 18	1 32	24 20	0 41	15 36	1 37	10 3	0 48	6 15	1 55	0 48	12 48	3 49	3 39	25 59			n.a.
S 14	6 34	25 4	4 13	1 58	2 4	4 0	2 49	22 13	1 33	24 20	0 41	15 38	1 37	10 3	0 48	6 16	1 55	0 48	12 48	3 48	3 38	25 57			n.a.
S 15	6 58	27 39	4 48	1 19	2 0	4 7	2 36	22 8	1 35	24 19	0 41	15 40	1 37	10 4	0 48	6 17	1 55	0 48	12 48	3 48	3 37	25 56			n.a.
M16	7 21	28 52	5 9	0 39	1 56	4 14	2 23	22 2	1 36	24 19	0 41	15 41	1 37	10 4	0 48	6 18	1 55	0 47	12 48	3 48	3 36	25 54			n.a.
T 17	7 45	28 40	5 16	0s 1	1 52	4 19	2 10	21 57	1 37	24 19	0 41	15 43	1 37	10 5	0 48	6 19	1 55	0 47	12 48	3 47	3 34	25 52			n.a.
W18	8 8	27 9	5 10	0 43	1 47	4 24	1 58	21 52	1 38	24 18	0 41	15 45	1 37	10 6	0 48	6 20	1 55	0 46	12 48	3 47	3 33	25 51			n.a.
T 19	8 31	24 26	4 50	1 24	1 42	4 27	1 45	21 46	1 39	24 18	0 41	15 47	1 37	10 6	0 48	6 20	1 55	0 46	12 48	3 47	3 32	25 49			n.a.
F 20	8 54	20 40	4 18	2 6	1 36	4 29	1 33	21 41	1 41	24 18	0 41	15 49	1 36	10 7	0 48	6 21	1 55	0 46	12 48	3 48	3 31	25 47			n.a.
S 21	9 17	16 2	3 34	2 49	1 31	4 31	1 22	21 36	1 42	24 17	0 41	15 51	1 36	10 7	0 48	6 22	1 55	0 45	12 48	3 48	3 29	25 46			n.a.
S 22	9 39	10 42	2 40	3 31	1 25	4 31	1 10	21 30	1 43	24 17	0 41	15 53	1 36	10 8	0 48	6 23	1 55	0 45	12 48	3 49	3 28	25 44			n.a.
M23	10 2	4 51	1 37	4 14	1 19	4 30	0 59	21 25	1 44	24 16	0 41	15 55	1 36	10 8	0 48	6 24	1 55	0 45	12 48	3 49	3 27	25 43			n.a.
T 24	10 24	1s20	0 28	4 56	1 12	4 29	0 48	21 19	1 46	24 16	0 41	15 57	1 36	10 9	0 48	6 25	1 55	0 44	12 48	3 50	3 26	25 41			n.a.
W25	10 46	7 36	0s43	5 39	1 6	4 26	0 38	21 13	1 47	24 16	0 41	15 59	1 36	10 9	0 48	6 26	1 55	0 44	12 48	3 50	3 24	25 39			n.a.
T 26	11 8	13 41	1 55	6 21	1 0	4 23	0 27	21 8	1 48	24 15	0 41	16 1	1 36	10 9	0 48	6 26	1 55	0 43	12 48	3 49	3 23	25 38			n.a.
F 27	11 30	19 15	3 1	7 3	0 53	4 19	0 17	21 2	1 50	24 15	0 41	16 3	1 36	10 10	0 48	6 27	1 55	0 43	12 48	3 48	3 22	25 36			n.a.
S 28	11 52	23 53	3 57	7 45	0 46	4 14	0 8	20 57	1 51	24 14	0 41	16 5	1 36	10 10	0 48	6 28	1 55	0 43	12 48	3 47	3 20	25 34			n.a.
S 29	12 13	27 12	4 40	8 27	0 40	4 8	0n 2	20 51	1 52	24 14	0 41	16 7	1 35	10 11	0 48	6 29	1 55	0 42	12 48	3 46	3 19	25 32			n.a.
M30	12 35	28 48	5 6	9 8	0 33	4 1	0 11	20 45	1 54	24 13	0 41	16 9	1 35	10 11	0 48	6 30	1 55	0 42	12 48	3 45	3 18	25 31			n.a.
T 31	12s56	28s30	5s14	9s49	0n26	3n53	0n19	20n40	1n55	24s12	0s41	16s11	1n35	10s11	0s48	6s31	1n55	0n42	12s48	3n44	3n17	25n29			n.a.

Julian Day Number = 1597146.5, Delta T = 04h01m29s
Ecliptic obliquity = 23°44'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'12, Lahiri = - 8°39'11 Julian Calendar 1 Oct. 341 BCE == Greg. Calendar 26 Sept. 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

NOVEMBER 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 22 52	4♏46'32	25♉ 5	27♎45	21♍44	7♌13	7♉39	19♏11	5°R55	21♎ 0	3°R10	9°R16	8♈ 7	28♋26	n.a.	W 1
T 2	2 26 49	5°47'34	9♒15	29°19	22°25	7°40	7°49	19°18	5♓54	21° 2	3♉ 8	9°D15	8° 4	28°32	n.a.	T 2
F 3	2 30 45	6°48'37	23°21	0♏53	23° 8	8° 6	7°59	19°25	5°53	21° 5	3° 7	9♈16	8° 0	28°39	n.a.	F 3
S 4	2 34 42	7°49'40	7♓20	2°27	23°52	8°32	8° 9	19°32	5°52	21° 7	3° 6	9°18	7°57	28°46	n.a.	S 4
S 5	2 38 39	8°50'43	21°12	4° 2	24°37	8°58	8°19	19°39	5°51	21° 9	3° 5	9°19	7°54	28°52	n.a.	S 5
M 6	2 42 35	9°51'48	4♈54	5°36	25°23	9°23	8°30	19°45	5°51	21°11	3° 4	9°R20	7°51	28°59	n.a.	M 6
T 7	2 46 32	10°52'53	18°26	7°10	26°10	9°49	8°40	19°52	5°50	21°13	3° 3	9°20	7°48	29° 6	n.a.	T 7
W 8	2 50 28	11°53'59	1♉47	8°44	26°58	10°14	8°51	19°59	5°49	21°15	3° 2	9°18	7°45	29°13	n.a.	W 8
T 9	2 54 25	12°55'05	14°54	10°18	27°47	10°38	9° 2	20° 6	5°49	21°18	3° 1	9°14	7°41	29°19	n.a.	T 9
F 10	2 58 21	13°56'13	27°48	11°53	28°36	11° 3	9°13	20°13	5°48	21°20	2°59	9° 9	7°38	29°26	n.a.	F 10
S 11	3 2 18	14°57'21	10♊26	13°27	29°27	11°27	9°24	20°20	5°48	21°22	2°58	9° 3	7°35	29°33	n.a.	S 11
S 12	3 6 14	15°58'30	22°51	15° 1	0♎18	11°51	9°35	20°27	5°48	21°24	2°57	8°56	7°32	29°39	n.a.	S 12
M13	3 10 11	16°59'41	5♋ 3	16°36	1°10	12°15	9°46	20°34	5°47	21°26	2°56	8°49	7°29	29°46	n.a.	M13
T 14	3 14 8	18° 0'51	17° 4	18°11	2° 3	12°38	9°57	20°41	5°47	21°28	2°55	8°43	7°26	29°53	n.a.	T 14
W15	3 18 4	19° 2'03	28°58	19°45	2°57	13° 1	10° 9	20°48	5°47	21°30	2°54	8°39	7°22	29°59	n.a.	W15
T 16	3 22 1	20° 3'16	10♌49	21°20	3°51	13°24	10°20	20°55	5°46	21°32	2°53	8°37	7°19	0♌ 6	n.a.	T 16
F 17	3 25 57	21° 4'29	22°41	22°55	4°46	13°46	10°32	21° 2	5°46	21°34	2°52	8°D36	7°16	0°13	n.a.	F 17
S 18	3 29 54	22° 5'43	4♍41	24°30	5°41	14° 8	10°44	21° 9	5°46	21°36	2°51	8°37	7°13	0°20	n.a.	S 18
S 19	3 33 50	23° 6'57	16°52	26° 6	6°37	14°30	10°55	21°16	5°D46	21°38	2°50	8°39	7°10	0°26	n.a.	S 19
M20	3 37 47	24° 8'13	29°20	27°41	7°34	14°51	11° 7	21°23	5°46	21°40	2°48	8°40	7° 6	0°33	n.a.	M20
T 21	3 41 44	25° 9'28	12♎ 9	29°17	8°31	15°12	11°19	21°30	5°46	21°42	2°47	8°R40	7° 3	0°40	n.a.	T 21
W22	3 45 40	26°10'45	25°22	0♐53	9°29	15°33	11°31	21°37	5°46	21°44	2°46	8°39	7° 0	0°47	n.a.	W22
T 23	3 49 37	27°12'02	9♏ 0	2°29	10°28	15°53	11°44	21°44	5°47	21°46	2°45	8°35	6°57	0°53	n.a.	T 23
F 24	3 53 33	28°13'19	23° 1	4° 6	11°27	16°13	11°56	21°51	5°47	21°48	2°44	8°29	6°54	1° 0	n.a.	F 24
S 25	3 57 30	29°14'36	7♐22	5°42	12°26	16°32	12° 8	21°58	5°47	21°50	2°43	8°22	6°51	1° 7	n.a.	S 25
S 26	4 1 26	0♐15'54	21°57	7°19	13°26	16°52	12°20	22° 5	5°47	21°52	2°42	8°13	6°47	1°13	n.a.	S 26
M27	4 5 23	1°17'12	6♑38	8°56	14°26	17°10	12°33	22°12	5°48	21°54	2°41	8° 4	6°44	1°20	n.a.	M27
T 28	4 9 19	2°18'29	21°18	10°33	15°27	17°29	12°45	22°19	5°48	21°56	2°40	7°57	6°41	1°27	n.a.	T 28
W29	4 13 16	3°19'47	5♒50	12°11	16°28	17°46	12°58	22°26	5°49	21°57	2°39	7°51	6°38	1°34	n.a.	W29
T 30	4 17 13	4♐21'04	20♒ 9	13♐48	17♎29	18♌ 4	13♉11	22♏33	5♓49	21♎59	2♉38	7♈48	6♈35	1♌40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s16	26s20	5s 2	10s30	0n20	3n45	0n28	20n34	1n56	24s12	0s41	16s13	1n35	10s12	0s48	6s31	1n55	0n41	12s48	3n43	3n15	25n27		n.a.
T 2	13 37	22 32	4 32	11 10	0 13	3 36	0 36	20 29	1 58	24 11	0 41	16 15	1 35	10 12	0 47	6 32	1 55	0 41	12 48	3 43	3 14	25 26		n.a.
F 3	13 57	17 27	3 46	11 50	0 6	3 26	0 44	20 23	1 59	24 11	0 41	16 17	1 35	10 12	0 47	6 33	1 55	0 41	12 48	3 43	3 13	25 24		n.a.
S 4	14 18	11 29	2 46	12 29	0s 1	3 16	0 52	20 17	2 1	24 10	0 41	16 19	1 35	10 12	0 47	6 34	1 55	0 40	12 48	3 44	3 12	25 22		n.a.
S 5	14 38	5 2	1 38	13 8	0 7	3 4	0 59	20 12	2 2	24 9	0 41	16 21	1 35	10 13	0 47	6 35	1 55	0 40	12 47	3 44	3 10	25 20		n.a.
M 6	14 57	1n36	0 24	13 46	0 14	2 52	1 7	20 6	2 3	24 9	0 41	16 23	1 35	10 13	0 47	6 35	1 55	0 40	12 47	3 45	3 9	25 19		n.a.
T 7	15 17	8 5	0n50	14 24	0 20	2 40	1 14	20 1	2 5	24 8	0 41	16 25	1 35	10 13	0 47	6 36	1 55	0 39	12 47	3 45	3 8	25 17		n.a.
W 8	15 36	14 6	1 59	15 1	0 27	2 27	1 20	19 55	2 6	24 7	0 41	16 26	1 35	10 13	0 47	6 37	1 55	0 39	12 47	3 44	3 7	25 15		n.a.
T 9	15 55	19 24	3 2	15 37	0 33	2 13	1 27	19 50	2 8	24 7	0 41	16 28	1 35	10 13	0 47	6 38	1 55	0 39	12 47	3 42	3 5	25 13		n.a.
F 10	16 13	23 42	3 53	16 13	0 39	1 59	1 33	19 45	2 9	24 6	0 41	16 30	1 34	10 14	0 47	6 39	1 55	0 38	12 47	3 40	3 4	25 12		n.a.
S 11	16 32	26 47	4 33	16 47	0 45	1 44	1 39	19 39	2 11	24 5	0 41	16 32	1 34	10 14	0 47	6 39	1 55	0 38	12 47	3 38	3 3	25 10		n.a.
S 12	16 50	28 30	4 58	17 22	0 51	1 28	1 44	19 34	2 12	24 4	0 41	16 34	1 34	10 14	0 47	6 40	1 55	0 38	12 47	3 35	3 1	25 8		n.a.
M13	17 7	28 47	5 9	17 55	0 57	1 12	1 50	19 29	2 14	24 3	0 41	16 36	1 34	10 14	0 47	6 41	1 55	0 38	12 47	3 32	3 0	25 6		n.a.
T 14	17 25	27 42	5 7	18 28	1 3	0 56	1 55	19 23	2 15	24 3	0 41	16 38	1 34	10 14	0 47	6 42	1 55	0 37	12 47	3 30	2 59	25 4		n.a.
W15	17 42	25 22	4 51	19 0	1 8	0 39	2 0	19 18	2 17	24 2	0 41	16 40	1 34	10 14	0 47	6 42	1 55	0 37	12 47	3 28	2 58	25 3		n.a.
T 16	17 59	21 57	4 23	19 30	1 14	0 21	2 5	19 13	2 19	24 1	0 41	16 42	1 34	10 14	0 47	6 43	1 55	0 37	12 46	3 27	2 56	25 1		n.a.
F 17	18 15	17 38	3 43	20 0	1 19	0 3	2 9	19 8	2 20	24 0	0 41	16 44	1 34	10 14	0 47	6 44	1 55	0 37	12 46	3 27	2 55	24 59		n.a.
S 18	18 31	12 36	2 53	20 29	1 24	0s15	2 13	19 3	2 22	23 59	0 41	16 46	1 34	10 14	0 47	6 45	1 55	0 36	12 46	3 28	2 54	24 57		n.a.
S 19	18 47	7 1	1 55	20 58	1 29	0 34	2 17	18 58	2 23	23 58	0 41	16 48	1 34	10 14	0 47	6 45	1 55	0 36	12 46	3 28	2 53	24 55		n.a.
M20	19 2	1 2	0 50	21 25	1 34	0 53	2 21	18 53	2 25	23 57	0 41	16 50	1 34	10 14	0 47	6 46	1 55	0 36	12 46	3 29	2 51	24 53		n.a.
T 21	19 18	5s 9	0s19	21 51	1 38	1 12	2 25	18 49	2 27	23 56	0 41	16 51	1 34	10 14	0 47	6 47	1 56	0 36	12 46	3 29	2 50	24 52		n.a.
W22	19 32	11 19	1 29	22 15	1 42	1 32	2 28	18 44	2 28	23 55	0 41	16 53	1 34	10 14	0 47	6 47	1 56	0 35	12 46	3 28	2 49	24 50		n.a.
T 23	19 47	17 8	2 36	22 39	1 46	1 52	2 32	18 39	2 30	23 54	0 41	16 55	1 34	10 14	0 47	6 48	1 56	0 35	12 46	3 27	2 47	24 48		n.a.
F 24	20 1	22 14	3 35	23 2	1 50	2 13	2 35	18 35	2 32	23 53	0 41	16 57	1 34	10 14	0 47	6 49	1 56	0 35	12 45	3 24	2 46	24 46		n.a.
S 25	20 14	26 8	4 23	23 23	1 53	2 34	2 38	18 31	2 33	23 52	0 41	16 59	1 34	10 13	0 47	6 49	1 56	0 35	12 45	3 21	2 45	24 44		n.a.
S 26	20 28	28 22	4 53	23 43	1 56	2 55	2 40	18 26	2 35	23 51	0 41	17 1	1 34	10 13	0 47	6 50	1 56	0 35	12 45	3 18	2 44	24 42		n.a.
M27	20 40	28 39	5 5	24 1	1 59	3 16	2 43	18 22	2 37	23 49	0 41	17 3	1 34	10 13	0 46	6 51	1 56	0 35	12 45	3 14	2 42	24 40		n.a.
T 28	20 53	26 55	4 57	24 19	2 1	3 37	2 45	18 18	2 39	23 48	0 41	17 4	1 34	10 13	0 46	6 51	1 56	0 34	12 45	3 11	2 41	24 38		n.a.
W29	21 5	23 24	4 30	24 34	2 3	3 59	2 47	18 14	2 41	23 47	0 41	17 6	1 34	10 13	0 46	6 52	1 56	0 34	12 45	3 9	2 40	24 36		n.a.
T 30	21s17	18s31	3s46	24s49	2s 5	4s21	2n49	18n11	2n42	23s46	0s41	17s 8	1n34	10s12	0s46	6s53	1n56	0n34	12s44	3n 8	2n39	24n34		n.a.

Julian Day Number = 1597177.5, Delta T = 04h01m28s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'07, Lahiri = - 8°39'07 Julian Calendar 1 Nov. 341 BCE == Greg. Calendar 27 Oct. 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 341 BCE
geocentric

DECEMBER 341 BCE (-340) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 21 9	5♐22'20	4♓14	15♐26	18♎31	18♌21	13♑23	22♏40	5♓50	22♎ 1	2°R37	7°D47	6♈32	1♌47	n.a.	F 1
S 2	4 25 6	6°23'36	18° 3	17° 4	19°34	18°37	13°36	22°47	5°51	22° 3	2♉37	7♈48	6°28	1°54	n.a.	S 2
S 3	4 29 2	7°24'52	1♈37	18°41	20°36	18°53	13°49	22°54	5°51	22° 4	2°36	7°R48	6°25	2° 0	n.a.	S 3
M 4	4 32 59	8°26'07	14°57	20°19	21°39	19° 9	14° 2	23° 1	5°52	22° 6	2°35	7°48	6°22	2° 7	n.a.	M 4
T 5	4 36 55	9°27'22	28° 5	21°56	22°42	19°24	14°15	23° 8	5°53	22° 8	2°34	7°46	6°19	2°14	n.a.	T 5
W 6	4 40 52	10°28'36	11♉ 2	23°33	23°46	19°39	14°28	23°14	5°54	22° 9	2°33	7°42	6°16	2°21	n.a.	W 6
T 7	4 44 48	11°29'50	23°48	25°10	24°50	19°53	14°41	23°21	5°54	22°11	2°32	7°34	6°12	2°27	n.a.	T 7
F 8	4 48 45	12°31'03	6♊24	26°46	25°54	20° 7	14°54	23°28	5°55	22°13	2°31	7°24	6° 9	2°34	n.a.	F 8
S 9	4 52 42	13°32'17	18°49	28°22	26°59	20°20	15° 8	23°35	5°56	22°14	2°30	7°12	6° 6	2°41	n.a.	S 9
S 10	4 56 38	14°33'29	1♋ 5	29°56	28° 4	20°32	15°21	23°41	5°57	22°16	2°30	6°59	6° 3	2°47	n.a.	S 10
M11	5 0 35	15°34'42	13°11	1♑30	29° 9	20°44	15°34	23°48	5°59	22°17	2°29	6°46	6° 0	2°54	n.a.	M11
T 12	5 4 31	16°35'54	25° 9	3° 1	0♏14	20°56	15°48	23°55	6° 0	22°19	2°28	6°34	5°57	3° 1	n.a.	T 12
W13	5 8 28	17°37'06	7♌ 2	4°31	1°20	21° 7	16° 1	24° 1	6° 1	22°20	2°27	6°24	5°53	3° 8	n.a.	W13
T 14	5 12 24	18°38'17	18°51	5°59	2°26	21°17	16°15	24° 8	6° 2	22°22	2°26	6°18	5°50	3°14	n.a.	T 14
F 15	5 16 21	19°39'28	0♍42	7°24	3°32	21°27	16°28	24°15	6° 3	22°23	2°26	6°13	5°47	3°21	n.a.	F 15
S 16	5 20 18	20°40'38	12°38	8°45	4°38	21°36	16°42	24°21	6° 5	22°25	2°25	6°12	5°44	3°28	n.a.	S 16
S 17	5 24 14	21°41'48	24°46	10° 3	5°45	21°45	16°56	24°28	6° 6	22°26	2°24	6°D11	5°41	3°34	n.a.	S 17
M18	5 28 11	22°42'58	7♎10	11°16	6°52	21°53	17° 9	24°34	6° 8	22°27	2°24	6°R12	5°37	3°41	n.a.	M18
T 19	5 32 7	23°44'07	19°55	12°24	7°59	22° 0	17°23	24°41	6° 9	22°29	2°23	6°11	5°34	3°48	n.a.	T 19
W20	5 36 4	24°45'15	3♏ 7	13°26	9° 6	22° 7	17°37	24°47	6°11	22°30	2°22	6° 8	5°31	3°54	n.a.	W20
T 21	5 40 0	25°46'23	16°47	14°21	10°14	22°13	17°51	24°53	6°12	22°31	2°22	6° 3	5°28	4° 1	n.a.	T 21
F 22	5 43 57	26°47'31	0♐57	15° 8	11°21	22°18	18° 5	25° 0	6°14	22°32	2°21	5°55	5°25	4° 8	n.a.	F 22
S 23	5 47 53	27°48'38	15°33	15°47	12°29	22°23	18°19	25° 6	6°16	22°34	2°20	5°45	5°22	4°15	n.a.	S 23
S 24	5 51 50	28°49'44	0♑28	16°16	13°37	22°27	18°32	25°12	6°17	22°35	2°20	5°33	5°18	4°21	n.a.	S 24
M25	5 55 47	29°50'48	15°34	16°35	14°45	22°30	18°46	25°18	6°19	22°36	2°19	5°21	5°15	4°28	n.a.	M25
T 26	5 59 43	0♑51'52	0♒40	16°R44	15°53	22°33	19° 0	25°25	6°21	22°37	2°19	5°10	5°12	4°35	n.a.	T 26
W27	6 3 40	1°52'55	15°36	16°41	17° 2	22°34	19°15	25°31	6°23	22°38	2°18	5° 2	5° 9	4°41	n.a.	W27
T 28	6 7 36	2°53'56	0♓14	16°26	18°10	22°36	19°29	25°37	6°25	22°39	2°18	4°57	5° 6	4°48	n.a.	T 28
F 29	6 11 33	3°54'55	14°31	16° 1	19°19	22°R36	19°43	25°43	6°27	22°40	2°17	4°54	5° 3	4°55	n.a.	F 29
S 30	6 15 29	4°55'54	28°25	15°24	20°28	22°36	19°57	25°49	6°29	22°41	2°17	4°54	4°59	5° 2	n.a.	S 30
S 31	6 19 26	5♑56'50	11♈57	14♑38	21♏37	22♌34	20♑11	25♏55	6♓31	22♎42	2♉16	4♈53	4♈56	5♌ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s28	12s42	2s49	25s 1	2s 6	4s43	2n51	18n 7	2n44	23s44	0s41	17s10	1n34	10s12	0s46	6s53	1n56	0n34	12s44	3n 8	2n37	24n33		n.a.
S 2	21 39	6 22	1 44	25 13	2 7	5 6	2 52	18 4	2 46	23 43	0 41	17 12	1 33	10 12	0 46	6 54	1 56	0 34	12 44	3 8	2 36	24 31		n.a.
S 3	21 49	0n 9	0 33	25 22	2 8	5 28	2 54	18 0	2 48	23 42	0 41	17 13	1 33	10 12	0 46	6 55	1 56	0 34	12 44	3 8	2 35	24 29		n.a.
M 4	21 59	6 33	0n38	25 30	2 7	5 51	2 55	17 57	2 50	23 41	0 41	17 15	1 33	10 11	0 46	6 55	1 56	0 34	12 44	3 8	2 34	24 27		n.a.
T 5	22 9	12 34	1 46	25 36	2 7	6 13	2 56	17 54	2 52	23 39	0 41	17 17	1 33	10 11	0 46	6 56	1 56	0 33	12 43	3 7	2 32	24 25		n.a.
W 6	22 18	17 58	2 47	25 40	2 6	6 36	2 57	17 51	2 54	23 38	0 42	17 19	1 33	10 11	0 46	6 56	1 56	0 33	12 43	3 5	2 31	24 23		n.a.
T 7	22 27	22 29	3 39	25 43	2 4	6 59	2 58	17 48	2 56	23 36	0 42	17 20	1 33	10 10	0 46	6 57	1 56	0 33	12 43	3 2	2 30	24 21		n.a.
F 8	22 35	25 54	4 19	25 43	2 1	7 22	2 58	17 46	2 58	23 35	0 42	17 22	1 33	10 10	0 46	6 57	1 56	0 33	12 43	2 58	2 28	24 19		n.a.
S 9	22 43	28 1	4 46	25 42	1 58	7 45	2 59	17 43	3 0	23 33	0 42	17 24	1 33	10 9	0 46	6 58	1 56	0 33	12 43	2 53	2 27	24 17		n.a.
S 10	22 50	28 44	5 0	25 39	1 55	8 8	2 59	17 41	3 1	23 32	0 42	17 25	1 33	10 9	0 46	6 59	1 56	0 33	12 42	2 48	2 26	24 15		n.a.
M11	22 57	28 3	5 0	25 34	1 50	8 31	2 59	17 39	3 3	23 30	0 42	17 27	1 33	10 9	0 46	6 59	1 56	0 33	12 42	2 43	2 25	24 13		n.a.
T 12	23 3	26 3	4 46	25 27	1 45	8 54	2 59	17 37	3 6	23 29	0 42	17 29	1 33	10 8	0 46	7 0	1 56	0 33	12 42	2 38	2 23	24 11		n.a.
W13	23 9	22 56	4 20	25 18	1 39	9 18	2 59	17 36	3 8	23 27	0 42	17 30	1 33	10 8	0 46	7 0	1 56	0 33	12 42	2 34	2 22	24 9		n.a.
T 14	23 15	18 53	3 43	25 8	1 32	9 41	2 59	17 34	3 10	23 26	0 42	17 32	1 33	10 7	0 46	7 1	1 57	0 33	12 42	2 32	2 21	24 7		n.a.
F 15	23 20	14 6	2 56	24 55	1 24	10 4	2 58	17 33	3 12	23 24	0 42	17 34	1 33	10 7	0 46	7 1	1 57	0 33	12 41	2 30	2 20	24 5		n.a.
S 16	23 24	8 46	2 1	24 41	1 15	10 27	2 58	17 32	3 14	23 22	0 42	17 35	1 33	10 6	0 46	7 2	1 57	0 33	12 41	2 29	2 18	24 3		n.a.
S 17	23 28	3 2	1 0	24 26	1 5	10 50	2 57	17 31	3 16	23 21	0 42	17 37	1 33	10 6	0 46	7 2	1 57	0 33	12 41	2 29	2 17	24 1		n.a.
M18	23 32	2s57	0s 5	24 9	0 54	11 12	2 56	17 30	3 18	23 19	0 42	17 38	1 33	10 5	0 46	7 3	1 57	0 33	12 41	2 29	2 16	23 59		n.a.
T 19	23 35	9 0	1 12	23 51	0 42	11 35	2 55	17 30	3 20	23 17	0 42	17 40	1 33	10 4	0 46	7 3	1 57	0 33	12 40	2 29	2 14	23 57		n.a.
W20	23 38	14 51	2 17	23 32	0 29	11 58	2 54	17 30	3 22	23 15	0 42	17 41	1 33	10 4	0 46	7 3	1 57	0 33	12 40	2 28	2 13	23 55		n.a.
T 21	23 40	20 12	3 17	23 12	0 15	12 20	2 53	17 30	3 24	23 14	0 42	17 43	1 33	10 3	0 46	7 4	1 57	0 33	12 40	2 26	2 12	23 53		n.a.
F 22	23 42	24 37	4 7	22 52	0 0	12 42	2 52	17 30	3 26	23 12	0 42	17 45	1 33	10 2	0 46	7 4	1 57	0 33	12 40	2 23	2 11	23 51		n.a.
S 23	23 43	27 37	4 42	22 32	0n16	13 4	2 50	17 30	3 29	23 10	0 42	17 46	1 34	10 2	0 45	7 5	1 57	0 33	12 39	2 19	2 9	23 49		n.a.
S 24	23 44	28 43	4 59	22 12	0 33	13 26	2 49	17 31	3 31	23 8	0 42	17 47	1 34	10 1	0 45	7 5	1 57	0 33	12 39	2 14	2 8	23 47		n.a.
M25	23 44	27 42	4 55	21 52	0 50	13 48	2 47	17 32	3 33	23 6	0 42	17 49	1 34	10 0	0 45	7 5	1 57	0 33	12 39	2 9	2 7	23 44		n.a.
T 26	23 44	24 40	4 31	21 33	1 8	14 10	2 45	17 33	3 35	23 4	0 42	17 50	1 34	10 0	0 45	7 6	1 57	0 33	12 39	2 5	2 5	23 42		n.a.
W27	23 44	20 0	3 49	21 15	1 27	14 31	2 44	17 34	3 37	23 2	0 42	17 52	1 34	9 59	0 45	7 6	1 57	0 33	12 38	2 2	2 4	23 40		n.a.
T 28	23 42	14 12	2 52	20 58	1 45	14 52	2 42	17 36	3 39	23 0	0 42	17 53	1 34	9 58	0 45	7 6	1 57	0 33	12 38	1 59	2 3	23 38		n.a.
F 29	23 41	7 47	1 45	20 43	2 3	15 13	2 40	17 38	3 41	22 58	0 43	17 55	1 34	9 57	0 45	7 7	1 57	0 33	12 38	1 58	2 2	23 36		n.a.
S 30	23 39	1 9	0 34	20 30	2 21	15 33	2 38	17 40	3 44	22 56	0 43	17 56	1 34	9 57	0 45	7 7	1 57	0 33	12 37	1 58	2 0	23 34		n.a.
S 31	23s36	5n21	0n37	20s19	2n38	15s53	2n36	17n43	3n46	22s54	0s43	17s57	1n34	9s56	0s45	7s 7	1n58	0n34	12s37	1n58	1n59	23n32		n.a.

Julian Day Number = 1597207.5, Delta T = 04h01m26s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°46'03, Lahiri = - 8°39'03 Julian Calendar 1 Dec. 341 BCE == Greg. Calendar 26 Nov. 341 BCE

The year -340 astronomical counting style corresponds to year 341 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

JANUARY 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 23 23	6♑57'45	25♈ 8	13°R43	22♏46	22°R33	20♑25	26♏ 1	6♓33	22♎43	2°R16	4°R53	4♈53	5♌15	n.a.	M 1
T 2	6 27 19	7°58'39	8♉ 2	12♑40	23°55	22♌30	20°39	26° 6	6°35	22°44	2♉16	4♈50	4°50	5°22	n.a.	T 2
W 3	6 31 16	8°59'31	20°43	11°32	25° 4	22°27	20°54	26°12	6°37	22°45	2°15	4°45	4°47	5°28	n.a.	W 3
T 4	6 35 12	10° 0'22	3♊12	10°21	26°14	22°22	21° 8	26°18	6°39	22°46	2°15	4°36	4°43	5°35	n.a.	T 4
F 5	6 39 9	11° 1'11	15°32	9° 8	27°23	22°17	21°22	26°24	6°41	22°47	2°14	4°25	4°40	5°42	n.a.	F 5
S 6	6 43 5	12° 1'59	27°43	7°56	28°33	22°12	21°36	26°29	6°44	22°47	2°14	4°11	4°37	5°48	n.a.	S 6
S 7	6 47 2	13° 2'45	9♋48	6°47	29°43	22° 5	21°51	26°35	6°46	22°48	2°14	3°57	4°34	5°55	n.a.	S 7
M 8	6 50 58	14° 3'30	21°47	5°41	0♐53	21°58	22° 5	26°40	6°48	22°49	2°14	3°42	4°31	6° 2	n.a.	M 8
T 9	6 54 55	15° 4'13	3♌41	4°42	2° 3	21°50	22°19	26°46	6°51	22°49	2°13	3°29	4°28	6° 9	n.a.	T 9
W10	6 58 52	16° 4'55	15°32	3°48	3°13	21°41	22°34	26°51	6°53	22°50	2°13	3°18	4°24	6°15	n.a.	W10
T 11	7 2 48	17° 5'35	27°21	3° 3	4°23	21°31	22°48	26°56	6°55	22°51	2°13	3°10	4°21	6°22	n.a.	T 11
F 12	7 6 45	18° 6'14	9♍12	2°24	5°33	21°21	23° 2	27° 2	6°58	22°51	2°13	3° 5	4°18	6°29	n.a.	F 12
S 13	7 10 41	19° 6'52	21° 8	1°54	6°44	21°10	23°17	27° 7	7° 0	22°52	2°13	3° 2	4°15	6°35	n.a.	S 13
S 14	7 14 38	20° 7'28	3♎14	1°32	7°54	20°58	23°31	27°12	7° 3	22°52	2°12	3°D 2	4°12	6°42	n.a.	S 14
M15	7 18 34	21° 8'03	15°35	1°17	9° 5	20°45	23°45	27°17	7° 6	22°53	2°12	3°R 2	4° 9	6°49	n.a.	M15
T 16	7 22 31	22° 8'36	28°16	1°D11	10°15	20°31	24° 0	27°22	7° 8	22°53	2°12	3° 2	4° 5	6°56	n.a.	T 16
W17	7 26 27	23° 9'08	11♏21	1°11	11°26	20°17	24°14	27°27	7°11	22°53	2°12	3° 0	4° 2	7° 2	n.a.	W17
T 18	7 30 24	24° 9'39	24°54	1°18	12°37	20° 2	24°29	27°32	7°13	22°54	2°12	2°57	3°59	7° 9	n.a.	T 18
F 19	7 34 21	25°10'08	8♐58	1°31	13°48	19°46	24°43	27°37	7°16	22°54	2°12	2°50	3°56	7°16	n.a.	F 19
S 20	7 38 17	26°10'36	23°31	1°50	14°59	19°30	24°57	27°41	7°19	22°54	2°D12	2°42	3°53	7°22	n.a.	S 20
S 21	7 42 14	27°11'02	8♑29	2°15	16°10	19°13	25°12	27°46	7°22	22°55	2°12	2°32	3°50	7°29	n.a.	S 21
M22	7 46 10	28°11'27	23°42	2°45	17°21	18°55	25°26	27°51	7°25	22°55	2°12	2°22	3°46	7°36	n.a.	M22
T 23	7 50 7	29°11'50	9♒ 1	3°20	18°32	18°37	25°41	27°55	7°27	22°55	2°12	2°13	3°43	7°42	n.a.	T 23
W24	7 54 3	0♒12'10	24°14	3°59	19°43	18°18	25°55	28° 0	7°30	22°55	2°12	2° 6	3°40	7°49	n.a.	W24
T 25	7 58 0	1°12'29	9♓11	4°42	20°54	17°58	26° 9	28° 4	7°33	22°55	2°12	2° 1	3°37	7°56	n.a.	T 25
F 26	8 1 56	2°12'46	23°45	5°29	22° 5	17°38	26°24	28° 8	7°36	22°56	2°12	1°59	3°34	8° 3	n.a.	F 26
S 27	8 5 53	3°13'00	7♈53	6°19	23°17	17°18	26°38	28°12	7°39	22°56	2°13	1°D59	3°30	8° 9	n.a.	S 27
S 28	8 9 50	4°13'12	21°33	7°13	24°28	16°57	26°52	28°17	7°42	22°R56	2°13	2° 0	3°27	8°16	n.a.	S 28
M29	8 13 46	5°13'22	4♉48	8°10	25°39	16°35	27° 7	28°21	7°45	22°56	2°13	2°R 0	3°24	8°23	n.a.	M29
T 30	8 17 43	6°13'30	17°41	9° 9	26°51	16°13	27°21	28°25	7°48	22°56	2°13	1°59	3°21	8°29	n.a.	T 30
W31	8 21 39	7♒13'35	0♊16	10♑11	28♐ 2	15♌51	27♑35	28♏29	7♓51	22♎55	2♉13	1♈57	3♈18	8♌36	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s33	11n28	1n45	20s 9	2n53	16s13	2n33	17n45	3n48	22s52	0s43	17s59	1n34	9s55	0s45	7s 8	1n58	0n34	12s37	1n58	1n58	23n30			n.a.
T 2	23 30	16 58	2 45	20 1	3 7	16 33	2 31	17 48	3 50	22 50	0 43	18 0	1 34	9 54	0 45	7 8	1 58	0 34	12 37	1 57	1 57	23 28			n.a.
W 3	23 26	21 38	3 36	19 56	3 19	16 52	2 29	17 51	3 52	22 48	0 43	18 1	1 34	9 53	0 45	7 8	1 58	0 34	12 36	1 54	1 55	23 25			n.a.
T 4	23 21	25 15	4 16	19 52	3 29	17 11	2 26	17 55	3 54	22 46	0 43	18 3	1 34	9 53	0 45	7 8	1 58	0 34	12 36	1 51	1 54	23 23			n.a.
F 5	23 16	27 38	4 44	19 50	3 36	17 30	2 24	17 58	3 56	22 43	0 43	18 4	1 34	9 52	0 45	7 9	1 58	0 34	12 36	1 47	1 53	23 21			n.a.
S 6	23 11	28 41	4 58	19 49	3 41	17 48	2 21	18 2	3 58	22 41	0 43	18 5	1 34	9 51	0 45	7 9	1 58	0 34	12 35	1 41	1 51	23 19			n.a.
S 7	23 5	28 19	4 58	19 50	3 44	18 6	2 18	18 6	4 0	22 39	0 43	18 7	1 34	9 50	0 45	7 9	1 58	0 35	12 35	1 35	1 50	23 17			n.a.
M 8	22 59	26 38	4 45	19 53	3 44	18 23	2 15	18 11	4 3	22 37	0 43	18 8	1 34	9 49	0 45	7 9	1 58	0 35	12 35	1 29	1 49	23 15			n.a.
T 9	22 52	23 46	4 20	19 57	3 42	18 40	2 13	18 15	4 5	22 34	0 43	18 9	1 34	9 48	0 45	7 10	1 58	0 35	12 35	1 24	1 48	23 13			n.a.
W10	22 45	19 56	3 43	20 3	3 38	18 56	2 10	18 20	4 6	22 32	0 43	18 10	1 34	9 47	0 45	7 10	1 58	0 35	12 34	1 20	1 46	23 10			n.a.
T 11	22 38	15 18	2 57	20 10	3 33	19 12	2 7	18 25	4 8	22 30	0 43	18 11	1 34	9 46	0 45	7 10	1 58	0 35	12 34	1 16	1 45	23 8			n.a.
F 12	22 30	10 7	2 3	20 17	3 26	19 28	2 4	18 30	4 10	22 27	0 43	18 13	1 34	9 45	0 45	7 10	1 58	0 36	12 34	1 14	1 44	23 6			n.a.
S 13	22 21	4 31	1 3	20 26	3 17	19 43	2 1	18 36	4 12	22 25	0 44	18 14	1 34	9 44	0 45	7 10	1 58	0 36	12 33	1 13	1 43	23 4			n.a.
S 14	22 13	1s19	0s 1	20 36	3 8	19 58	1 58	18 41	4 14	22 23	0 44	18 15	1 34	9 43	0 45	7 10	1 58	0 36	12 33	1 13	1 41	23 2			n.a.
M15	22 3	7 14	1 6	20 46	2 58	20 12	1 54	18 47	4 16	22 20	0 44	18 16	1 34	9 42	0 45	7 10	1 59	0 36	12 33	1 13	1 40	22 59			n.a.
T 16	21 54	13 0	2 10	20 57	2 47	20 26	1 51	18 53	4 17	22 18	0 44	18 17	1 35	9 41	0 45	7 10	1 59	0 37	12 33	1 13	1 39	22 57			n.a.
W17	21 43	18 24	3 9	21 8	2 36	20 39	1 48	18 59	4 19	22 15	0 44	18 18	1 35	9 40	0 45	7 11	1 59	0 37	12 32	1 13	1 37	22 55			n.a.
T 18	21 33	23 6	3 59	21 19	2 25	20 52	1 45	19 6	4 21	22 13	0 44	18 19	1 35	9 39	0 45	7 11	1 59	0 37	12 32	1 11	1 36	22 53			n.a.
F 19	21 22	26 38	4 37	21 31	2 13	21 4	1 42	19 12	4 22	22 10	0 44	18 20	1 35	9 38	0 45	7 11	1 59	0 37	12 32	1 9	1 35	22 50			n.a.
S 20	21 11	28 33	4 59	21 42	2 1	21 15	1 38	19 19	4 24	22 8	0 44	18 21	1 35	9 37	0 45	7 11	1 59	0 38	12 31	1 5	1 34	22 48			n.a.
S 21	20 59	28 28	5 1	21 54	1 49	21 26	1 35	19 26	4 25	22 5	0 44	18 22	1 35	9 36	0 45	7 11	1 59	0 38	12 31	1 1	1 32	22 46			n.a.
M22	20 47	26 16	4 42	22 5	1 37	21 37	1 31	19 33	4 26	22 3	0 44	18 23	1 35	9 35	0 45	7 11	1 59	0 38	12 31	0 57	1 31	22 44			n.a.
T 23	20 34	22 8	4 3	22 16	1 26	21 47	1 28	19 40	4 28	22 0	0 44	18 24	1 35	9 34	0 44	7 11	1 59	0 38	12 30	0 53	1 30	22 41			n.a.
W24	20 22	16 32	3 7	22 27	1 14	21 56	1 25	19 47	4 29	21 57	0 45	18 25	1 35	9 33	0 44	7 11	1 59	0 39	12 30	0 51	1 29	22 39			n.a.
T 25	20 8	10 3	1 58	22 37	1 3	22 4	1 21	19 54	4 30	21 55	0 45	18 26	1 35	9 32	0 44	7 11	1 59	0 39	12 30	0 49	1 27	22 37			n.a.
F 26	19 55	3 11	0 44	22 46	0 51	22 12	1 18	20 2	4 31	21 52	0 45	18 27	1 35	9 31	0 44	7 11	1 59	0 39	12 30	0 48	1 26	22 35			n.a.
S 27	19 41	3n39	0n32	22 55	0 40	22 20	1 14	20 9	4 32	21 49	0 45	18 28	1 35	9 29	0 44	7 11	1 59	0 40	12 29	0 48	1 25	22 32			n.a.
S 28	19 27	10 5	1 43	23 3	0 30	22 27	1 11	20 16	4 33	21 47	0 45	18 28	1 35	9 28	0 44	7 11	1 59	0 40	12 29	0 48	1 23	22 30			n.a.
M29	19 12	15 53	2 46	23 10	0 19	22 33	1 7	20 24	4 33	21 44	0 45	18 29	1 35	9 27	0 44	7 11	1 59	0 40	12 29	0 48	1 22	22 28			n.a.
T 30	18 57	20 49	3 39	23 16	0 9	22 38	1 4	20 31	4 34	21 41	0 45	18 30	1 36	9 26	0 44	7 11	2 0	0 41	12 28	0 48	1 21	22 26			n.a.
W31	18s42	24n42	4n21	23s22	0s 1	22s43	1n 0	20n38	4n34	21s38	0s45	18s31	1n36	9s25	0s44	7s10	2n 0	0n41	12s28	0n47	1n20	22n23			n.a.

Julian Day Number = 1597238.5, Delta T = 04h01m25s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'59, Lahiri = - 8°38'59 Julian Calendar 1 Jan. 340 BCE == Greg. Calendar 27 Dec. 341 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

FEBRUARY 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 36	8♒13'39	12♊37	11♉15	29♐14	15°R29	27♉50	28♏32	7♓54	22°R55	2♉14	1°R51	3♈15	8♌43	n.a.	T 1
F 2	8 29 32	9°13'40	24°47	12°22	0♉25	15♌ 6	28° 4	28°36	7°57	22♎55	2°14	1♈44	3°11	8°49	n.a.	F 2
S 3	8 33 29	10°13'39	6♋49	13°31	1°37	14°43	28°18	28°40	8° 0	22°55	2°14	1°35	3° 8	8°56	n.a.	S 3
S 4	8 37 25	11°13'35	18°45	14°42	2°49	14°20	28°32	28°43	8° 3	22°55	2°15	1°25	3° 5	9° 3	n.a.	S 4
M 5	8 41 22	12°13'30	0♌38	15°55	4° 0	13°56	28°47	28°47	8° 7	22°55	2°15	1°15	3° 2	9°10	n.a.	M 5
T 6	8 45 19	13°13'22	12°29	17°10	5°12	13°33	29° 1	28°50	8°10	22°54	2°15	1° 6	2°59	9°16	n.a.	T 6
W 7	8 49 15	14°13'13	24°20	18°26	6°24	13° 9	29°15	28°54	8°13	22°54	2°16	0°59	2°55	9°23	n.a.	W 7
T 8	8 53 12	15°13'01	6♍12	19°44	7°36	12°46	29°29	28°57	8°16	22°54	2°16	0°53	2°52	9°30	n.a.	T 8
F 9	8 57 8	16°12'47	18° 8	21° 4	8°48	12°22	29°43	29° 0	8°19	22°53	2°16	0°50	2°49	9°36	n.a.	F 9
S 10	9 1 5	17°12'31	0♎10	22°26	10° 0	11°59	29°57	29° 3	8°23	22°53	2°17	0°D49	2°46	9°43	n.a.	S 10
S 11	9 5 1	18°12'14	12°21	23°49	11°11	11°35	0♒11	29° 6	8°26	22°52	2°17	0°50	2°43	9°50	n.a.	S 11
M12	9 8 58	19°11'54	24°45	25°13	12°23	11°12	0°25	29° 9	8°29	22°52	2°18	0°51	2°40	9°56	n.a.	M12
T 13	9 12 54	20°11'33	7♏26	26°39	13°35	10°49	0°39	29°12	8°32	22°51	2°18	0°53	2°36	10° 3	n.a.	T 13
W14	9 16 51	21°11'10	20°28	28° 6	14°47	10°26	0°53	29°14	8°36	22°51	2°19	0°R54	2°33	10°10	n.a.	W14
T 15	9 20 48	22°10'45	3♐54	29°35	15°59	10° 4	1° 7	29°17	8°39	22°50	2°19	0°53	2°30	10°16	n.a.	T 15
F 16	9 24 44	23°10'18	17°47	1♒ 5	17°12	9°42	1°21	29°20	8°42	22°50	2°20	0°51	2°27	10°23	n.a.	F 16
S 17	9 28 41	24° 9'49	2♑ 7	2°36	18°24	9°20	1°35	29°22	8°46	22°49	2°21	0°47	2°24	10°30	n.a.	S 17
S 18	9 32 37	25° 9'19	16°51	4° 9	19°36	8°59	1°49	29°24	8°49	22°48	2°21	0°42	2°21	10°37	n.a.	S 18
M19	9 36 34	26° 8'46	1♒54	5°43	20°48	8°38	2° 2	29°27	8°52	22°48	2°22	0°37	2°17	10°43	n.a.	M19
T 20	9 40 30	27° 8'12	17° 6	7°19	22° 0	8°17	2°16	29°29	8°56	22°47	2°22	0°32	2°14	10°50	n.a.	T 20
W21	9 44 27	28° 7'35	2♓19	8°56	23°12	7°57	2°30	29°31	8°59	22°46	2°23	0°28	2°11	10°57	n.a.	W21
T 22	9 48 23	29° 6'56	17°21	10°34	24°25	7°38	2°44	29°33	9° 2	22°46	2°24	0°26	2° 8	11° 3	n.a.	T 22
F 23	9 52 20	0♓ 6'15	2♈ 4	12°13	25°37	7°19	2°57	29°35	9° 6	22°45	2°24	0°D26	2° 5	11°10	n.a.	F 23
S 24	9 56 17	1° 5'31	16°23	13°54	26°49	7° 1	3°11	29°36	9° 9	22°44	2°25	0°26	2° 1	11°17	n.a.	S 24
S 25	10 0 13	2° 4'45	0♉14	15°36	28° 1	6°43	3°24	29°38	9°13	22°43	2°26	0°28	1°58	11°23	n.a.	S 25
M26	10 4 10	3° 3'57	13°39	17°19	29°14	6°27	3°38	29°40	9°16	22°42	2°27	0°29	1°55	11°30	n.a.	M26
T 27	10 8 6	4° 3'06	26°38	19° 4	0♒26	6°10	3°51	29°41	9°19	22°41	2°27	0°30	1°52	11°37	n.a.	T 27
W28	10 12 3	5♓ 2'13	9♊16	20♒51	1♒38	5♌55	4♒ 4	29♏43	9♓23	22♎40	2♉28	0°R30	1♈49	11♌43	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s26	27n22	4n49	23s26	0s11	22s48	0n57	20n46	4n35	21s36	0s45	18s32	1n36	9s24	0s44	7s10	2n 0	0n42	12s28	0n45	1n18	22n21		n.a.
F 2	18 10	28 41	5 3	23 29	0 20	22 51	0 53	20 53	4 35	21 33	0 45	18 32	1 36	9 22	0 44	7 10	2 0	0 42	12 27	0 42	1 17	22 19		n.a.
S 3	17 54	28 38	5 4	23 31	0 29	22 54	0 49	21 0	4 35	21 30	0 46	18 33	1 36	9 21	0 44	7 10	2 0	0 42	12 27	0 38	1 16	22 16		n.a.
S 4	17 37	27 14	4 52	23 32	0 38	22 57	0 46	21 7	4 35	21 27	0 46	18 34	1 36	9 20	0 44	7 10	2 0	0 43	12 27	0 34	1 14	22 14		n.a.
M 5	17 21	24 36	4 27	23 32	0 46	22 58	0 42	21 14	4 35	21 24	0 46	18 35	1 36	9 19	0 44	7 10	2 0	0 43	12 27	0 30	1 13	22 12		n.a.
T 6	17 4	20 57	3 50	23 31	0 54	22 59	0 39	21 21	4 35	21 22	0 46	18 35	1 36	9 18	0 44	7 10	2 0	0 43	12 26	0 27	1 12	22 9		n.a.
W 7	16 46	16 28	3 4	23 28	1 2	23 0	0 35	21 28	4 35	21 19	0 46	18 36	1 36	9 16	0 44	7 9	2 0	0 44	12 26	0 24	1 11	22 7		n.a.
T 8	16 28	11 21	2 9	23 24	1 9	22 59	0 32	21 34	4 35	21 16	0 46	18 36	1 36	9 15	0 44	7 9	2 0	0 44	12 26	0 22	1 9	22 5		n.a.
F 9	16 10	5 48	1 8	23 19	1 16	22 58	0 28	21 41	4 34	21 13	0 46	18 37	1 36	9 14	0 44	7 9	2 0	0 45	12 25	0 20	1 8	22 2		n.a.
S 10	15 52	0s 1	0 4	23 12	1 22	22 57	0 25	21 47	4 34	21 10	0 46	18 38	1 37	9 13	0 44	7 9	2 0	0 45	12 25	0 20	1 7	22 0		n.a.
S 11	15 34	5 53	1s 2	23 4	1 29	22 54	0 22	21 53	4 33	21 7	0 46	18 38	1 37	9 12	0 44	7 9	2 0	0 46	12 25	0 20	1 6	21 57		n.a.
M12	15 15	11 39	2 6	22 54	1 34	22 51	0 18	21 59	4 32	21 4	0 47	18 39	1 37	9 10	0 44	7 8	2 0	0 46	12 25	0 21	1 4	21 55		n.a.
T 13	14 56	17 5	3 6	22 43	1 40	22 48	0 15	22 5	4 31	21 1	0 47	18 39	1 37	9 9	0 44	7 8	2 0	0 46	12 24	0 21	1 3	21 53		n.a.
W14	14 37	21 53	3 57	22 31	1 45	22 43	0 11	22 10	4 30	20 58	0 47	18 40	1 37	9 8	0 44	7 8	2 0	0 47	12 24	0 22	1 2	21 50		n.a.
T 15	14 17	25 44	4 37	22 16	1 49	22 38	0 8	22 15	4 29	20 55	0 47	18 40	1 37	9 6	0 44	7 8	2 1	0 47	12 24	0 21	1 0	21 48		n.a.
F 16	13 58	28 12	5 3	22 1	1 54	22 32	0 5	22 20	4 28	20 52	0 47	18 41	1 37	9 5	0 44	7 7	2 1	0 48	12 23	0 20	0 59	21 46		n.a.
S 17	13 38	28 54	5 11	21 44	1 57	22 26	0 1	22 25	4 27	20 49	0 47	18 41	1 37	9 4	0 44	7 7	2 1	0 48	12 23	0 19	0 58	21 43		n.a.
S 18	13 18	27 36	4 59	21 25	2 1	22 19	0s 2	22 30	4 25	20 46	0 47	18 42	1 37	9 3	0 44	7 7	2 1	0 49	12 23	0 17	0 57	21 41		n.a.
M19	12 58	24 18	4 26	21 5	2 4	22 11	0 5	22 34	4 24	20 43	0 47	18 42	1 37	9 1	0 44	7 6	2 1	0 49	12 23	0 15	0 55	21 38		n.a.
T 20	12 37	19 18	3 35	20 43	2 6	22 3	0 8	22 38	4 22	20 40	0 48	18 42	1 38	9 0	0 44	7 6	2 1	0 50	12 22	0 13	0 54	21 36		n.a.
W21	12 16	13 4	2 28	20 19	2 9	21 54	0 11	22 42	4 20	20 37	0 48	18 43	1 38	8 59	0 44	7 6	2 1	0 50	12 22	0 11	0 53	21 34		n.a.
T 22	11 56	6 9	1 11	19 54	2 10	21 45	0 15	22 45	4 19	20 34	0 48	18 43	1 38	8 57	0 44	7 5	2 1	0 51	12 22	0 11	0 51	21 31		n.a.
F 23	11 35	0n58	0n 9	19 27	2 12	21 34	0 18	22 48	4 17	20 31	0 48	18 43	1 38	8 56	0 44	7 5	2 1	0 51	12 22	0 10	0 50	21 29		n.a.
S 24	11 13	7 51	1 26	18 58	2 12	21 24	0 21	22 51	4 15	20 28	0 48	18 44	1 38	8 55	0 44	7 5	2 1	0 51	12 21	0 11	0 49	21 26		n.a.
S 25	10 52	14 8	2 36	18 28	2 13	21 12	0 24	22 54	4 13	20 25	0 48	18 44	1 38	8 54	0 44	7 4	2 1	0 52	12 21	0 11	0 48	21 24		n.a.
M26	10 30	19 33	3 35	17 56	2 12	21 0	0 27	22 56	4 11	20 22	0 48	18 44	1 38	8 52	0 44	7 4	2 1	0 52	12 21	0 12	0 46	21 21		n.a.
T 27	10 9	23 52	4 21	17 22	2 12	20 47	0 29	22 59	4 9	20 19	0 49	18 44	1 38	8 51	0 44	7 4	2 1	0 53	12 20	0 12	0 45	21 19		n.a.
W28	9s47	26n56	4n53	16s47	2s11	20s34	0s32	23n 0	4n 7	20s16	0s49	18s44	1n38	8s50	0s44	7s 3	2n 1	0n53	12s20	0n12	0n44	21n16		n.a.

Julian Day Number = 1597269.5, Delta T = 04h01m24s
Ecliptic obliquity = 23°44'20, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'55, Lahiri = - 8°38'54 Julian Calendar 1 Feb. 340 BCE == Greg. Calendar 27 Jan. 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

MARCH 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 15 59	6♓ 1'18	21♊37	22♒38	2♒51	5°R40	4♒18	29♏44	9♓26	22°R39	2♉29	0°R29	1♈46	11♌50	n.a.	T 1
F 2	10 19 56	7° 0'20	3♋44	24°27	4° 3	5♌26	4°31	29°45	9°30	22♎38	2°30	0♈27	1°42	11°57	n.a.	F 2
S 3	10 23 52	7°59'20	15°42	26°18	5°15	5°13	4°44	29°46	9°33	22°37	2°31	0°24	1°39	12° 4	n.a.	S 3
S 4	10 27 49	8°58'17	27°34	28° 9	6°28	5° 0	4°57	29°47	9°37	22°36	2°32	0°21	1°36	12°10	n.a.	S 4
M 5	10 31 45	9°57'12	9♌24	0♓ 3	7°40	4°49	5°10	29°48	9°40	22°35	2°33	0°17	1°33	12°17	n.a.	M 5
T 6	10 35 42	10°56'05	21°15	1°57	8°53	4°38	5°23	29°49	9°43	22°34	2°33	0°14	1°30	12°24	n.a.	T 6
W 7	10 39 39	11°54'55	3♍ 8	3°54	10° 5	4°27	5°36	29°50	9°47	22°33	2°34	0°12	1°27	12°30	n.a.	W 7
T 8	10 43 35	12°53'43	15° 6	5°51	11°18	4°18	5°49	29°50	9°50	22°32	2°35	0°10	1°23	12°37	n.a.	T 8
F 9	10 47 32	13°52'29	27°11	7°50	12°30	4° 9	6° 2	29°51	9°54	22°31	2°36	0°D10	1°20	12°44	n.a.	F 9
S 10	10 51 28	14°51'13	9♎25	9°50	13°43	4° 1	6°15	29°51	9°57	22°30	2°37	0°10	1°17	12°50	n.a.	S 10
S 11	10 55 25	15°49'56	21°49	11°51	14°55	3°54	6°28	29°52	10° 0	22°28	2°38	0°11	1°14	12°57	n.a.	S 11
M12	10 59 21	16°48'36	4♏25	13°54	16° 8	3°48	6°40	29°52	10° 4	22°27	2°39	0°12	1°11	13° 4	n.a.	M12
T 13	11 3 18	17°47'14	17°17	15°58	17°20	3°43	6°53	29°52	10° 7	22°26	2°40	0°13	1° 7	13°10	n.a.	T 13
W14	11 7 14	18°45'51	0♐25	18° 3	18°33	3°38	7° 5	29°R52	10°11	22°25	2°41	0°14	1° 4	13°17	n.a.	W14
T 15	11 11 11	19°44'26	13°51	20° 8	19°45	3°34	7°18	29°52	10°14	22°23	2°42	0°R14	1° 1	13°24	n.a.	T 15
F 16	11 15 8	20°42'59	27°38	22°14	20°58	3°31	7°30	29°52	10°17	22°22	2°43	0°14	0°58	13°31	n.a.	F 16
S 17	11 19 4	21°41'31	11♑45	24°21	22°10	3°28	7°43	29°51	10°21	22°21	2°44	0°14	0°55	13°37	n.a.	S 17
S 18	11 23 1	22°40'00	26°12	26°28	23°23	3°27	7°55	29°51	10°24	22°19	2°45	0°13	0°52	13°44	n.a.	S 18
M19	11 26 57	23°38'28	10♒53	28°36	24°36	3°26	8° 7	29°51	10°28	22°18	2°46	0°12	0°48	13°51	n.a.	M19
T 20	11 30 54	24°36'55	25°45	0♈43	25°48	3°D26	8°19	29°50	10°31	22°17	2°48	0°12	0°45	13°57	n.a.	T 20
W21	11 34 50	25°35'19	10♓39	2°49	27° 1	3°26	8°31	29°49	10°34	22°15	2°49	0°11	0°42	14° 4	n.a.	W21
T 22	11 38 47	26°33'41	25°29	4°55	28°14	3°28	8°43	29°49	10°38	22°14	2°50	0°D11	0°39	14°11	n.a.	T 22
F 23	11 42 43	27°32'02	10♈ 6	6°59	29°26	3°30	8°55	29°48	10°41	22°12	2°51	0°11	0°36	14°17	n.a.	F 23
S 24	11 46 40	28°30'20	24°24	9° 3	0♓39	3°33	9° 6	29°47	10°44	22°11	2°52	0°11	0°33	14°24	n.a.	S 24
S 25	11 50 36	29°28'37	8♉19	11° 4	1°52	3°36	9°18	29°46	10°47	22°10	2°53	0°11	0°29	14°31	n.a.	S 25
M26	11 54 33	0♈26'51	21°50	13° 3	3° 4	3°41	9°30	29°45	10°51	22° 8	2°54	0°R11	0°26	14°37	n.a.	M26
T 27	11 58 30	1°25'04	4♊55	15° 0	4°17	3°46	9°41	29°44	10°54	22° 7	2°56	0°11	0°23	14°44	n.a.	T 27
W28	12 2 26	2°23'14	17°38	16°55	5°30	3°51	9°52	29°42	10°57	22° 5	2°57	0°11	0°20	14°51	n.a.	W28
T 29	12 6 23	3°21'22	0♋ 2	18°46	6°43	3°58	10° 4	29°41	11° 0	22° 4	2°58	0°D11	0°17	14°57	n.a.	T 29
F 30	12 10 19	4°19'28	12°11	20°35	7°55	4° 5	10°15	29°39	11° 4	22° 2	2°59	0°11	0°13	15° 4	n.a.	F 30
S 31	12 14 16	5♈17'32	24♋ 9	22♈20	9♓ 8	4♌12	10♒26	29♏38	11♓ 7	22♎ 1	3♉ 0	0♈11	0♈10	15♌11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s25	28n38	5n10	16s10	2s 9	20s20	0s35	23n 2	4n 5	20s13	0s49	18s45	1n38	8s48	0s44	7s 3	2n 1	0n54	12s20	0n12	0n43	21n14			n.a.
F 2	9 3	28 55	5 14	15 31	2 7	20 6	0 38	23 3	4 2	20 10	0 49	18 45	1 39	8 47	0 44	7 2	2 1	0 55	12 20	0 11	0 41	21 11			n.a.
S 3	8 41	27 49	5 3	14 51	2 4	19 51	0 41	23 5	4 0	20 7	0 49	18 45	1 39	8 46	0 44	7 2	2 1	0 55	12 19	0 10	0 40	21 9			n.a.
S 4	8 18	25 28	4 40	14 9	2 1	19 35	0 43	23 6	3 58	20 4	0 49	18 45	1 39	8 44	0 44	7 2	2 1	0 56	12 19	0 8	0 39	21 7			n.a.
M 5	7 56	22 3	4 4	13 25	1 57	19 19	0 46	23 6	3 55	20 1	0 50	18 45	1 39	8 43	0 44	7 1	2 1	0 56	12 19	0 7	0 37	21 4			n.a.
T 6	7 33	17 43	3 18	12 40	1 53	19 2	0 48	23 7	3 53	19 58	0 50	18 45	1 39	8 42	0 44	7 1	2 2	0 57	12 19	0 6	0 36	21 2			n.a.
W 7	7 11	12 43	2 24	11 53	1 48	18 45	0 51	23 7	3 51	19 55	0 50	18 45	1 39	8 41	0 44	7 0	2 2	0 57	12 19	0 5	0 35	20 59			n.a.
T 8	6 48	7 12	1 22	11 4	1 43	18 27	0 53	23 7	3 48	19 52	0 50	18 45	1 39	8 39	0 44	7 0	2 2	0 58	12 18	0 4	0 34	20 57			n.a.
F 9	6 25	1 23	0 16	10 14	1 37	18 9	0 56	23 6	3 46	19 48	0 50	18 45	1 39	8 38	0 44	6 59	2 2	0 58	12 18	0 4	0 32	20 54			n.a.
S 10	6 2	4s33	0s51	9 22	1 30	17 50	0 58	23 6	3 43	19 45	0 50	18 45	1 39	8 37	0 44	6 59	2 2	0 59	12 18	0 4	0 31	20 52			n.a.
S 11	5 39	10 25	1 57	8 29	1 23	17 31	1 0	23 5	3 41	19 42	0 51	18 45	1 39	8 35	0 44	6 58	2 2	0 59	12 18	0 4	0 30	20 49			n.a.
M12	5 16	15 57	2 58	7 35	1 16	17 11	1 2	23 4	3 38	19 39	0 51	18 45	1 40	8 34	0 44	6 58	2 2	1 0	12 17	0 5	0 28	20 46			n.a.
T 13	4 53	20 54	3 52	6 39	1 8	16 51	1 4	23 3	3 35	19 36	0 51	18 45	1 40	8 33	0 44	6 57	2 2	1 0	12 17	0 5	0 27	20 44			n.a.
W14	4 30	24 58	4 35	5 42	0 59	16 30	1 6	23 2	3 33	19 33	0 51	18 45	1 40	8 31	0 44	6 57	2 2	1 1	12 17	0 6	0 26	20 41			n.a.
T 15	4 7	27 47	5 4	4 44	0 50	16 9	1 8	23 0	3 30	19 30	0 51	18 45	1 40	8 30	0 44	6 56	2 2	1 1	12 17	0 6	0 25	20 39			n.a.
F 16	3 43	29 0	5 17	3 45	0 41	15 48	1 10	22 58	3 28	19 27	0 51	18 45	1 40	8 29	0 44	6 56	2 2	1 2	12 17	0 6	0 23	20 36			n.a.
S 17	3 20	28 22	5 10	2 45	0 31	15 26	1 12	22 57	3 25	19 24	0 52	18 45	1 40	8 28	0 44	6 55	2 2	1 2	12 16	0 6	0 22	20 34			n.a.
S 18	2 57	25 50	4 45	1 44	0 21	15 3	1 14	22 54	3 23	19 21	0 52	18 45	1 40	8 26	0 44	6 55	2 2	1 3	12 16	0 5	0 21	20 31			n.a.
M19	2 33	21 34	4 1	0 44	0 11	14 40	1 16	22 52	3 20	19 18	0 52	18 44	1 40	8 25	0 44	6 54	2 2	1 4	12 16	0 5	0 19	20 29			n.a.
T 20	2 10	15 54	3 0	0n17	0n 0	14 17	1 17	22 50	3 17	19 15	0 52	18 44	1 40	8 24	0 44	6 54	2 2	1 4	12 16	0 5	0 18	20 26			n.a.
W21	1 46	9 18	1 46	1 18	0 11	13 53	1 19	22 47	3 15	19 12	0 52	18 44	1 40	8 22	0 44	6 53	2 2	1 5	12 16	0 5	0 17	20 24			n.a.
T 22	1 23	2 13	0 26	2 19	0 22	13 29	1 20	22 44	3 12	19 9	0 53	18 44	1 40	8 21	0 44	6 52	2 2	1 5	12 15	0 4	0 16	20 21			n.a.
F 23	1 0	4n53	0n55	3 19	0 33	13 5	1 22	22 41	3 10	19 6	0 53	18 43	1 41	8 20	0 44	6 52	2 2	1 6	12 15	0 4	0 14	20 18			n.a.
S 24	0 36	11 35	2 10	4 18	0 44	12 40	1 23	22 38	3 7	19 3	0 53	18 43	1 41	8 19	0 44	6 51	2 2	1 6	12 15	0 5	0 13	20 16			n.a.
S 25	0 13	17 33	3 16	5 17	0 55	12 15	1 24	22 35	3 5	19 0	0 53	18 43	1 41	8 17	0 44	6 51	2 2	1 7	12 15	0 5	0 12	20 13			n.a.
M26	0n11	22 27	4 9	6 14	1 6	11 50	1 26	22 31	3 2	18 57	0 53	18 43	1 41	8 16	0 44	6 50	2 2	1 7	12 15	0 5	0 11	20 11			n.a.
T 27	0 34	26 5	4 47	7 9	1 17	11 24	1 27	22 28	3 0	18 54	0 54	18 42	1 41	8 15	0 44	6 50	2 2	1 8	12 14	0 5	0 9	20 8			n.a.
W28	0 58	28 18	5 10	8 3	1 27	10 58	1 28	22 24	2 57	18 51	0 54	18 42	1 41	8 14	0 44	6 49	2 2	1 8	12 14	0 4	0 8	20 5			n.a.
T 29	1 21	29 2	5 17	8 56	1 36	10 32	1 29	22 20	2 55	18 49	0 54	18 41	1 41	8 12	0 44	6 48	2 2	1 9	12 14	0 4	0 7	20 3			n.a.
F 30	1 44	28 19	5 10	9 46	1 46	10 5	1 30	22 16	2 52	18 46	0 54	18 41	1 41	8 11	0 44	6 48	2 2	1 10	12 14	0 4	0 5	20 0			n.a.
S 31	2n 8	26n18	4n50	10n34	1n54	9s38	1s31	22n12	2n50	18s43	0s54	18s41	1n41	8s10	0s44	6s47	2n 2	1n10	12s14	0n 5	0n 4	19n58			n.a.

Julian Day Number = 1597297.5, Delta T = 04h01m23s
Ecliptic obliquity = 23°44'21, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'51, Lahiri = - 8°38'51 Julian Calendar 1 March 340 BCE == Greg. Calendar 24 Feb. 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

APRIL 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 18 12	6♈15'34	6♌ 1	24♈ 1	10♓21	4♌21	10♒37	29°R36	11♓10	21°R59	3♉ 2	0♈12	0♈ 7	15♌18	n.a.	S 1
M 2	12 22 9	7°13'34	17°50	25°40	11°33	4°30	10°48	29♏34	11°13	21♎57	3° 3	0°13	0° 4	15°24	n.a.	M 2
T 3	12 26 5	8°11'32	29°43	27°14	12°46	4°39	10°59	29°33	11°16	21°56	3° 4	0°13	0° 1	15°31	n.a.	T 3
W 4	12 30 2	9° 9'29	11♍40	28°44	13°59	4°49	11° 9	29°31	11°20	21°54	3° 5	0°14	29♓58	15°38	n.a.	W 4
T 5	12 33 59	10° 7'23	23°46	0♉11	15°12	5° 0	11°20	29°29	11°23	21°53	3° 7	0°14	29°54	15°44	n.a.	T 5
F 6	12 37 55	11° 5'15	6♎ 3	1°34	16°24	5°11	11°31	29°26	11°26	21°51	3° 8	0°R14	29°51	15°51	n.a.	F 6
S 7	12 41 52	12° 3'06	18°33	2°52	17°37	5°23	11°41	29°24	11°29	21°50	3° 9	0°14	29°48	15°58	n.a.	S 7
S 8	12 45 48	13° 0'56	1♏15	4° 7	18°50	5°36	11°51	29°22	11°32	21°48	3°10	0°13	29°45	16° 4	n.a.	S 8
M 9	12 49 45	13°58'43	14°12	5°17	20° 3	5°49	12° 1	29°20	11°35	21°46	3°12	0°11	29°42	16°11	n.a.	M 9
T 10	12 53 41	14°56'30	27°22	6°23	21°16	6° 2	12°12	29°17	11°38	21°45	3°13	0° 9	29°38	16°18	n.a.	T 10
W11	12 57 38	15°54'15	10♐46	7°25	22°29	6°16	12°21	29°15	11°41	21°43	3°14	0° 7	29°35	16°24	n.a.	W11
T 12	13 1 34	16°51'59	24°24	8°22	23°41	6°31	12°31	29°12	11°44	21°42	3°16	0° 6	29°32	16°31	n.a.	T 12
F 13	13 5 31	17°49'42	8♑15	9°15	24°54	6°46	12°41	29° 9	11°47	21°40	3°17	0° 5	29°29	16°38	n.a.	F 13
S 14	13 9 28	18°47'23	22°18	10° 3	26° 7	7° 1	12°51	29° 7	11°50	21°38	3°18	0°D 4	29°26	16°44	n.a.	S 14
S 15	13 13 24	19°45'04	6♒31	10°47	27°20	7°17	13° 0	29° 4	11°52	21°37	3°20	0° 5	29°23	16°51	n.a.	S 15
M16	13 17 21	20°42'43	20°53	11°26	28°33	7°34	13°10	29° 1	11°55	21°35	3°21	0° 6	29°19	16°58	n.a.	M16
T 17	13 21 17	21°40'21	5♓20	12° 1	29°46	7°51	13°19	28°58	11°58	21°33	3°22	0° 7	29°16	17° 4	n.a.	T 17
W18	13 25 14	22°37'58	19°49	12°31	0♈59	8° 8	13°28	28°55	12° 1	21°32	3°24	0° 8	29°13	17°11	n.a.	W18
T 19	13 29 10	23°35'33	4♈15	12°56	2°12	8°26	13°37	28°52	12° 4	21°30	3°25	0°R 9	29°10	17°18	n.a.	T 19
F 20	13 33 7	24°33'08	18°32	13°16	3°25	8°45	13°46	28°49	12° 6	21°29	3°26	0° 8	29° 7	17°24	n.a.	F 20
S 21	13 37 3	25°30'41	2♉36	13°31	4°37	9° 3	13°55	28°45	12° 9	21°27	3°28	0° 6	29° 4	17°31	n.a.	S 21
S 22	13 41 0	26°28'13	16°23	13°42	5°50	9°23	14° 3	28°42	12°12	21°25	3°29	0° 2	29° 0	17°38	n.a.	S 22
M23	13 44 57	27°25'43	29°49	13°47	7° 3	9°42	14°12	28°39	12°14	21°24	3°30	29♓58	28°57	17°45	n.a.	M23
T 24	13 48 53	28°23'13	12♊54	13°R49	8°16	10° 2	14°20	28°35	12°17	21°22	3°32	29°54	28°54	17°51	n.a.	T 24
W25	13 52 50	29°20'41	25°39	13°45	9°29	10°23	14°28	28°32	12°20	21°20	3°33	29°50	28°51	17°58	n.a.	W25
T 26	13 56 46	0♉18'07	8♋ 4	13°37	10°42	10°44	14°37	28°28	12°22	21°19	3°35	29°47	28°48	18° 5	n.a.	T 26
F 27	14 0 43	1°15'33	20°14	13°25	11°55	11° 5	14°45	28°25	12°25	21°17	3°36	29°45	28°44	18°11	n.a.	F 27
S 28	14 4 39	2°12'57	2♌13	13° 9	13° 8	11°26	14°52	28°21	12°27	21°16	3°37	29°D44	28°41	18°18	n.a.	S 28
S 29	14 8 36	3°10'19	14° 5	12°49	14°21	11°48	15° 0	28°17	12°30	21°14	3°39	29°45	28°38	18°25	n.a.	S 29
M30	14 12 32	4♉ 7'40	25♌56	12♉26	15♈34	12♌11	15♒ 8	28♏14	12♓32	21♎13	3♉40	29♓46	28♓35	18♌31	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n31	23n 9	4n17	11n20	2n 3	9s11	1s31	22n 7	2n47	18s40	0s55	18s40	1n41	8s 9	0s44	6s47	2n 2	1n11	12s14	0n 5	0n 3	19n55		n.a.
M 2	2 54	19 4	3 34	12 3	2 10	8 44	1 32	22 3	2 45	18 37	0 55	18 40	1 41	8 8	0 44	6 46	2 2	1 11	12 14	0 5	0 2	19 52		n.a.
T 3	3 17	14 14	2 41	12 44	2 17	8 16	1 33	21 58	2 43	18 34	0 55	18 39	1 41	8 6	0 44	6 45	2 2	1 12	12 13	0 5	0 0	19 50		n.a.
W 4	3 40	8 50	1 41	13 23	2 23	7 49	1 33	21 53	2 40	18 32	0 55	18 39	1 41	8 5	0 44	6 45	2 2	1 12	12 13	0 6	0s 1	19 47		n.a.
T 5	4 3	3 3	0 36	13 59	2 28	7 20	1 34	21 48	2 38	18 29	0 55	18 38	1 42	8 4	0 44	6 44	2 2	1 13	12 13	0 6	0 2	19 44		n.a.
F 6	4 26	2s56	0s32	14 33	2 33	6 52	1 34	21 43	2 35	18 26	0 56	18 38	1 42	8 3	0 44	6 44	2 2	1 13	12 13	0 6	0 4	19 42		n.a.
S 7	4 49	8 53	1 40	15 4	2 36	6 24	1 35	21 38	2 33	18 23	0 56	18 37	1 42	8 2	0 44	6 43	2 3	1 14	12 13	0 6	0 5	19 39		n.a.
S 8	5 12	14 36	2 43	15 32	2 39	5 55	1 35	21 33	2 31	18 21	0 56	18 37	1 42	8 0	0 44	6 42	2 3	1 15	12 13	0 5	0 6	19 36		n.a.
M 9	5 35	19 47	3 40	15 58	2 41	5 27	1 35	21 27	2 29	18 18	0 56	18 36	1 42	7 59	0 44	6 42	2 3	1 15	12 13	0 4	0 7	19 34		n.a.
T 10	5 57	24 7	4 26	16 22	2 42	4 58	1 35	21 22	2 26	18 15	0 57	18 36	1 42	7 58	0 44	6 41	2 3	1 16	12 12	0 4	0 9	19 31		n.a.
W11	6 20	27 15	4 58	16 43	2 42	4 29	1 35	21 16	2 24	18 13	0 57	18 35	1 42	7 57	0 44	6 41	2 3	1 16	12 12	0 3	0 10	19 28		n.a.
T 12	6 42	28 51	5 14	17 1	2 41	3 59	1 35	21 10	2 22	18 10	0 57	18 34	1 42	7 56	0 44	6 40	2 3	1 17	12 12	0 2	0 11	19 26		n.a.
F 13	7 5	28 40	5 12	17 16	2 40	3 30	1 35	21 4	2 20	18 8	0 57	18 34	1 42	7 55	0 44	6 39	2 3	1 17	12 12	0 2	0 13	19 23		n.a.
S 14	7 27	26 40	4 52	17 29	2 37	3 1	1 35	20 58	2 18	18 5	0 57	18 33	1 42	7 54	0 44	6 39	2 3	1 18	12 12	0 2	0 14	19 20		n.a.
S 15	7 49	22 58	4 14	17 40	2 33	2 31	1 35	20 52	2 15	18 3	0 58	18 32	1 42	7 53	0 44	6 38	2 3	1 18	12 12	0 2	0 15	19 18		n.a.
M16	8 11	17 52	3 20	17 48	2 28	2 2	1 34	20 45	2 13	18 0	0 58	18 32	1 42	7 52	0 44	6 38	2 3	1 19	12 12	0 2	0 16	19 15		n.a.
T 17	8 33	11 43	2 12	17 53	2 22	1 32	1 34	20 39	2 11	17 58	0 58	18 31	1 42	7 50	0 44	6 37	2 3	1 19	12 12	0 3	0 18	19 12		n.a.
W18	8 55	4 57	0 57	17 56	2 15	1 2	1 34	20 32	2 9	17 55	0 58	18 30	1 42	7 49	0 44	6 36	2 3	1 20	12 12	0 3	0 19	19 10		n.a.
T 19	9 16	2n 3	0n23	17 56	2 8	0 32	1 33	20 25	2 7	17 53	0 59	18 30	1 42	7 48	0 44	6 36	2 3	1 20	12 12	0 3	0 20	19 7		n.a.
F 20	9 38	8 53	1 39	17 54	1 59	0 3	1 33	20 18	2 5	17 50	0 59	18 29	1 42	7 47	0 44	6 35	2 3	1 21	12 12	0 3	0 21	19 4		n.a.
S 21	9 59	15 10	2 49	17 49	1 49	0n27	1 32	20 11	2 3	17 48	0 59	18 28	1 42	7 46	0 44	6 34	2 3	1 21	12 11	0 2	0 23	19 1		n.a.
S 22	10 20	20 34	3 47	17 42	1 38	0 57	1 31	20 4	2 1	17 46	0 59	18 27	1 42	7 45	0 45	6 34	2 3	1 22	12 11	0 1	0 24	18 59		n.a.
M23	10 41	24 46	4 31	17 32	1 26	1 27	1 31	19 57	1 59	17 44	1 0	18 27	1 42	7 44	0 45	6 33	2 3	1 22	12 11	0s 1	0 25	18 56		n.a.
T 24	11 2	27 35	4 59	17 21	1 13	1 57	1 30	19 50	1 57	17 41	1 0	18 26	1 42	7 43	0 45	6 33	2 3	1 23	12 11	0 2	0 27	18 53		n.a.
W25	11 23	28 52	5 12	17 6	0 59	2 27	1 29	19 42	1 55	17 39	1 0	18 25	1 43	7 42	0 45	6 32	2 3	1 23	12 11	0 4	0 28	18 50		n.a.
T 26	11 43	28 38	5 10	16 50	0 45	2 57	1 28	19 34	1 53	17 37	1 0	18 24	1 43	7 41	0 45	6 31	2 3	1 24	12 11	0 5	0 29	18 48		n.a.
F 27	12 3	27 1	4 53	16 32	0 30	3 26	1 27	19 27	1 51	17 35	1 1	18 23	1 43	7 40	0 45	6 31	2 3	1 24	12 11	0 6	0 30	18 45		n.a.
S 28	12 24	24 12	4 24	16 12	0 14	3 56	1 26	19 19	1 49	17 33	1 1	18 23	1 43	7 39	0 45	6 30	2 2	1 25	12 11	0 6	0 32	18 42		n.a.
S 29	12 43	20 23	3 44	15 50	0s 2	4 26	1 25	19 11	1 47	17 31	1 1	18 22	1 43	7 39	0 45	6 30	2 2	1 25	12 11	0 6	0 33	18 39		n.a.
M30	13n 3	15n46	2n55	15n27	0s19	4n55	1s24	19n 2	1n45	17s29	1s 2	18s21	1n43	7s38	0s45	6s29	2n 2	1n26	12s11	0s 6	0s34	18n37		n.a.

Julian Day Number = 1597328.5, Delta T = 04h01m22s
Ecliptic obliquity = 23°44'21, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'47, Lahiri = - 8°38'46 Julian Calendar 1 Apr. 340 BCE == Greg. Calendar 27 March 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

MAY 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 16 29	5♉ 5'00	7♍49	11°R59	16♈47	12♌34	15♒15	28°R10	12♓34	21°R11	3♉41	29♓48	28♓32	18♌38	n.a.	T 1
W 2	14 20 26	6° 2'19	19°51	11♉31	18° 0	12°57	15°22	28♏ 6	12°37	21♎ 9	3°43	29°49	28°29	18°45	n.a.	W 2
T 3	14 24 22	6°59'36	2♎ 4	11° 0	19°13	13°20	15°29	28° 2	12°39	21° 8	3°44	29°R50	28°25	18°51	n.a.	T 3
F 4	14 28 19	7°56'53	14°32	10°27	20°26	13°44	15°36	27°58	12°41	21° 6	3°45	29°49	28°22	18°58	n.a.	F 4
S 5	14 32 15	8°54'08	27°17	9°54	21°39	14° 8	15°43	27°54	12°44	21° 5	3°47	29°46	28°19	19° 5	n.a.	S 5
S 6	14 36 12	9°51'23	10♏20	9°20	22°53	14°32	15°50	27°50	12°46	21° 3	3°48	29°41	28°16	19°11	n.a.	S 6
M 7	14 40 8	10°48'37	23°40	8°47	24° 6	14°57	15°56	27°46	12°48	21° 2	3°50	29°35	28°13	19°18	n.a.	M 7
T 8	14 44 5	11°45'50	7♐15	8°14	25°19	15°22	16° 3	27°42	12°50	21° 0	3°51	29°29	28°10	19°25	n.a.	T 8
W 9	14 48 1	12°43'03	21° 4	7°43	26°32	15°47	16° 9	27°38	12°52	20°59	3°52	29°22	28° 6	19°31	n.a.	W 9
T 10	14 51 58	13°40'15	5♑ 3	7°14	27°45	16°13	16°15	27°34	12°54	20°57	3°54	29°16	28° 3	19°38	n.a.	T 10
F 11	14 55 55	14°37'27	19° 8	6°47	28°58	16°38	16°21	27°29	12°56	20°56	3°55	29°12	28° 0	19°45	n.a.	F 11
S 12	14 59 51	15°34'39	3♒17	6°22	0♉11	17° 5	16°26	27°25	12°58	20°54	3°56	29°10	27°57	19°51	n.a.	S 12
S 13	15 3 48	16°31'50	17°28	6° 1	1°24	17°31	16°32	27°21	13° 0	20°53	3°58	29°D 9	27°54	19°58	n.a.	S 13
M14	15 7 44	17°29'00	1♓38	5°44	2°38	17°58	16°37	27°17	13° 2	20°52	3°59	29° 9	27°50	20° 5	n.a.	M14
T 15	15 11 41	18°26'11	15°46	5°30	3°51	18°25	16°43	27°12	13° 4	20°50	4° 0	29°11	27°47	20°11	n.a.	T 15
W16	15 15 37	19°23'21	29°51	5°21	5° 4	18°52	16°48	27° 8	13° 6	20°49	4° 2	29°R11	27°44	20°18	n.a.	W16
T 17	15 19 34	20°20'31	13♈50	5°15	6°17	19°19	16°53	27° 4	13° 8	20°47	4° 3	29°10	27°41	20°25	n.a.	T 17
F 18	15 23 30	21°17'40	27°42	5°D15	7°30	19°47	16°57	26°59	13° 9	20°46	4° 4	29° 7	27°38	20°31	n.a.	F 18
S 19	15 27 27	22°14'50	11♉24	5°18	8°44	20°15	17° 2	26°55	13°11	20°45	4° 6	29° 2	27°35	20°38	n.a.	S 19
S 20	15 31 24	23°11'59	24°52	5°27	9°57	20°43	17° 6	26°50	13°13	20°43	4° 7	28°54	27°31	20°45	n.a.	S 20
M21	15 35 20	24° 9'08	8♊ 5	5°40	11°10	21°12	17°10	26°46	13°14	20°42	4° 8	28°45	27°28	20°51	n.a.	M21
T 22	15 39 17	25° 6'16	21° 1	5°58	12°24	21°41	17°14	26°42	13°16	20°41	4°10	28°35	27°25	20°58	n.a.	T 22
W23	15 43 13	26° 3'24	3♋40	6°20	13°37	22°10	17°18	26°37	13°17	20°40	4°11	28°26	27°22	21° 5	n.a.	W23
T 24	15 47 10	27° 0'32	16° 3	6°47	14°50	22°39	17°22	26°33	13°19	20°38	4°12	28°18	27°19	21°11	n.a.	T 24
F 25	15 51 6	27°57'39	28°11	7°19	16° 4	23° 8	17°25	26°29	13°20	20°37	4°13	28°12	27°16	21°18	n.a.	F 25
S 26	15 55 3	28°54'46	10♌ 9	7°55	17°17	23°38	17°29	26°24	13°22	20°36	4°15	28° 8	27°12	21°25	n.a.	S 26
S 27	15 59 0	29°51'52	22° 0	8°36	18°30	24° 8	17°32	26°20	13°23	20°35	4°16	28° 6	27° 9	21°31	n.a.	S 27
M28	16 2 56	0♊48'58	3♍50	9°21	19°44	24°38	17°35	26°15	13°24	20°34	4°17	28°D 6	27° 6	21°38	n.a.	M28
T 29	16 6 53	1°46'03	15°44	10°11	20°57	25° 9	17°38	26°11	13°26	20°32	4°18	28° 6	27° 3	21°45	n.a.	T 29
W30	16 10 49	2°43'09	27°46	11° 5	22°10	25°39	17°40	26° 7	13°27	20°31	4°20	28°R 7	27° 0	21°52	n.a.	W30
T 31	16 14 46	3♊40'14	10♎ 3	12♉ 3	23♉24	26♌10	17♒42	26♏ 2	13♓28	20♎30	4♉21	28♓ 6	26♓56	21♌58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	13n23	10n33	1n57	15n 3	0s36	5n25	1s22	18n54	1n44	17s27	1s 2	18s20	1n43	7s37	0s45	6s29	2n 2	1n26	12s11	0s 5	0s36	18n34			n.a.
W 2	13 42	4 54	0 54	14 38	0 53	5 54	1 21	18 46	1 42	17 25	1 2	18 19	1 43	7 36	0 45	6 28	2 2	1 27	12 11	0 4	0 37	18 31			n.a.
T 3	14 1	1s 1	0s12	14 12	1 10	6 23	1 20	18 37	1 40	17 23	1 2	18 18	1 43	7 35	0 45	6 27	2 2	1 27	12 11	0 4	0 38	18 28			n.a.
F 4	14 20	7 1	1 19	13 46	1 27	6 52	1 18	18 29	1 38	17 21	1 3	18 17	1 43	7 34	0 45	6 27	2 2	1 28	12 11	0 5	0 39	18 26			n.a.
S 5	14 39	12 52	2 24	13 19	1 44	7 21	1 17	18 20	1 36	17 19	1 3	18 16	1 43	7 33	0 45	6 26	2 2	1 28	12 11	0 6	0 41	18 23			n.a.
S 6	14 57	18 17	3 22	12 53	2 0	7 50	1 15	18 11	1 35	17 18	1 3	18 16	1 43	7 32	0 45	6 26	2 2	1 29	12 11	0 8	0 42	18 20			n.a.
M 7	15 15	22 58	4 11	12 28	2 16	8 19	1 14	18 2	1 33	17 16	1 4	18 15	1 43	7 32	0 45	6 25	2 2	1 29	12 11	0 10	0 43	18 17			n.a.
T 8	15 33	26 29	4 46	12 3	2 31	8 47	1 12	17 53	1 31	17 14	1 4	18 14	1 43	7 31	0 45	6 25	2 2	1 30	12 11	0 13	0 44	18 14			n.a.
W 9	15 51	28 31	5 5	11 40	2 44	9 16	1 11	17 44	1 29	17 13	1 4	18 13	1 43	7 30	0 45	6 24	2 2	1 30	12 11	0 15	0 46	18 12			n.a.
T 10	16 8	28 45	5 7	11 18	2 57	9 44	1 9	17 34	1 28	17 11	1 4	18 12	1 42	7 29	0 45	6 24	2 2	1 30	12 11	0 18	0 47	18 9			n.a.
F 11	16 26	27 8	4 50	10 58	3 9	10 12	1 7	17 25	1 26	17 10	1 5	18 11	1 42	7 28	0 45	6 23	2 2	1 31	12 11	0 19	0 48	18 6			n.a.
S 12	16 43	23 48	4 16	10 40	3 20	10 40	1 5	17 15	1 24	17 8	1 5	18 10	1 42	7 28	0 45	6 23	2 2	1 31	12 11	0 20	0 50	18 3			n.a.
S 13	16 59	19 3	3 26	10 24	3 29	11 7	1 4	17 5	1 23	17 7	1 5	18 9	1 42	7 27	0 45	6 22	2 2	1 32	12 11	0 21	0 51	18 0			n.a.
M14	17 16	13 15	2 23	10 11	3 37	11 34	1 2	16 55	1 21	17 5	1 6	18 8	1 42	7 26	0 45	6 21	2 2	1 32	12 11	0 20	0 52	17 58			n.a.
T 15	17 32	6 47	1 12	10 0	3 44	12 1	1 0	16 45	1 20	17 4	1 6	18 7	1 42	7 26	0 45	6 21	2 2	1 33	12 11	0 20	0 53	17 55			n.a.
W16	17 48	0 0	0n 4	9 51	3 50	12 28	0 58	16 35	1 18	17 3	1 6	18 6	1 42	7 25	0 45	6 20	2 2	1 33	12 11	0 20	0 55	17 52			n.a.
T 17	18 3	6n43	1 18	9 45	3 54	12 54	0 56	16 25	1 16	17 2	1 6	18 5	1 42	7 24	0 45	6 20	2 2	1 33	12 11	0 20	0 56	17 49			n.a.
F 18	18 19	13 4	2 27	9 42	3 58	13 20	0 54	16 15	1 15	17 0	1 7	18 4	1 42	7 24	0 45	6 20	2 2	1 34	12 11	0 21	0 57	17 46			n.a.
S 19	18 34	18 42	3 27	9 42	4 0	13 46	0 52	16 4	1 13	16 59	1 7	18 3	1 42	7 23	0 45	6 19	2 2	1 34	12 11	0 23	0 59	17 43			n.a.
S 20	18 48	23 19	4 13	9 44	4 0	14 12	0 50	15 54	1 12	16 58	1 7	18 2	1 42	7 22	0 45	6 19	2 2	1 34	12 11	0 26	1 0	17 41			n.a.
M21	19 3	26 37	4 46	9 48	4 0	14 37	0 48	15 43	1 10	16 57	1 8	18 1	1 42	7 22	0 45	6 18	2 2	1 35	12 11	0 30	1 1	17 38			n.a.
T 22	19 17	28 27	5 2	9 56	3 59	15 2	0 45	15 32	1 9	16 56	1 8	18 1	1 42	7 21	0 45	6 18	2 2	1 35	12 11	0 34	1 2	17 35			n.a.
W23	19 31	28 45	5 4	10 5	3 56	15 26	0 43	15 21	1 7	16 55	1 8	18 0	1 42	7 21	0 45	6 17	2 2	1 36	12 11	0 38	1 4	17 32			n.a.
T 24	19 44	27 34	4 51	10 17	3 53	15 50	0 41	15 10	1 6	16 55	1 9	17 59	1 42	7 20	0 45	6 17	2 2	1 36	12 11	0 41	1 5	17 29			n.a.
F 25	19 57	25 6	4 25	10 32	3 48	16 14	0 39	14 59	1 4	16 54	1 9	17 58	1 42	7 20	0 46	6 16	2 2	1 36	12 11	0 44	1 6	17 26			n.a.
S 26	20 10	21 34	3 47	10 49	3 43	16 37	0 37	14 48	1 3	16 53	1 9	17 57	1 42	7 19	0 46	6 16	2 2	1 37	12 11	0 45	1 7	17 23			n.a.
S 27	20 22	17 11	3 0	11 7	3 37	17 0	0 34	14 36	1 1	16 52	1 10	17 56	1 42	7 19	0 46	6 16	2 2	1 37	12 12	0 46	1 9	17 21			n.a.
M28	20 35	12 11	2 6	11 28	3 30	17 22	0 32	14 25	1 0	16 52	1 10	17 55	1 41	7 18	0 46	6 15	2 2	1 37	12 12	0 46	1 10	17 18			n.a.
T 29	20 46	6 42	1 6	11 51	3 23	17 44	0 30	14 13	0 58	16 51	1 10	17 54	1 41	7 18	0 46	6 15	2 2	1 38	12 12	0 46	1 11	17 15			n.a.
W30	20 58	0 55	0 2	12 16	3 14	18 6	0 27	14 1	0 57	16 51	1 11	17 53	1 41	7 17	0 46	6 14	2 1	1 38	12 12	0 46	1 13	17 12			n.a.
T 31	21n 9	5s 0	1s 3	12n42	3s 5	18n27	0s25	13n49	0n56	16s50	1s11	17s52	1n41	7s17	0s46	6s14	2n 1	1n38	12s12	0s46	1s14	17n 9			n.a.

Julian Day Number = 1597358.5, Delta T = 04h01m21s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'43, Lahiri = - 8°38'42 Julian Calendar 1 May 340 BCE == Greg. Calendar 26 Apr. 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

JUNE 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 18 42	4♊37'18	22♎38	13♉ 5	24♉37	26♌41	17♒45	25°R58	13♓29	20°R29	4♉22	28°R 3	26♓53	22♌ 5	n.a.	F 1
S 2	16 22 39	5°34'23	5♏35	14°12	25°51	27°12	17°47	25♏54	13°30	20♎28	4°23	27♓58	26°50	22°12	n.a.	S 2
S 3	16 26 35	6°31'28	18°54	15°22	27° 4	27°44	17°48	25°49	13°31	20°27	4°24	27°51	26°47	22°18	n.a.	S 3
M 4	16 30 32	7°28'32	2♐35	16°37	28°18	28°15	17°50	25°45	13°32	20°26	4°26	27°42	26°44	22°25	n.a.	M 4
T 5	16 34 29	8°25'37	16°36	17°55	29°31	28°47	17°52	25°41	13°33	20°25	4°27	27°31	26°41	22°32	n.a.	T 5
W 6	16 38 25	9°22'43	0♑51	19°18	0♊45	29°19	17°53	25°37	13°34	20°24	4°28	27°21	26°37	22°38	n.a.	W 6
T 7	16 42 22	10°19'48	15°16	20°44	1°58	29°51	17°54	25°33	13°35	20°23	4°29	27°11	26°34	22°45	n.a.	T 7
F 8	16 46 18	11°16'54	29°43	22°15	3°12	0♍23	17°55	25°28	13°36	20°22	4°30	27° 4	26°31	22°52	n.a.	F 8
S 9	16 50 15	12°14'01	14♒ 8	23°49	4°25	0°56	17°55	25°24	13°36	20°22	4°31	26°59	26°28	22°58	n.a.	S 9
S 10	16 54 11	13°11'08	28°27	25°26	5°39	1°28	17°56	25°20	13°37	20°21	4°32	26°57	26°25	23° 5	n.a.	S 10
M11	16 58 8	14° 8'15	12♓37	27° 7	6°53	2° 1	17°56	25°16	13°38	20°20	4°34	26°D56	26°21	23°12	n.a.	M11
T 12	17 2 5	15° 5'24	26°36	28°52	8° 6	2°34	17°R56	25°12	13°38	20°19	4°35	26°R56	26°18	23°18	n.a.	T 12
W13	17 6 1	16° 2'33	10♈25	0♊40	9°20	3° 7	17°56	25° 8	13°39	20°18	4°36	26°56	26°15	23°25	n.a.	W13
T 14	17 9 58	16°59'43	24° 4	2°30	10°34	3°41	17°56	25° 4	13°39	20°18	4°37	26°53	26°12	23°32	n.a.	T 14
F 15	17 13 54	17°56'53	7♉33	4°24	11°47	4°14	17°55	25° 0	13°40	20°17	4°38	26°49	26° 9	23°38	n.a.	F 15
S 16	17 17 51	18°54'04	20°51	6°20	13° 1	4°48	17°55	24°57	13°40	20°16	4°39	26°41	26° 6	23°45	n.a.	S 16
S 17	17 21 47	19°51'17	3♊57	8°19	14°15	5°22	17°54	24°53	13°41	20°16	4°40	26°31	26° 2	23°52	n.a.	S 17
M18	17 25 44	20°48'29	16°52	10°20	15°29	5°56	17°53	24°49	13°41	20°15	4°41	26°19	25°59	23°58	n.a.	M18
T 19	17 29 40	21°45'43	29°33	12°23	16°42	6°30	17°51	24°45	13°41	20°15	4°42	26° 6	25°56	24° 5	n.a.	T 19
W20	17 33 37	22°42'57	12♋ 0	14°27	17°56	7° 5	17°50	24°42	13°41	20°14	4°43	25°53	25°53	24°12	n.a.	W20
T 21	17 37 34	23°40'12	24°15	16°32	19°10	7°39	17°48	24°38	13°41	20°13	4°44	25°42	25°50	24°18	n.a.	T 21
F 22	17 41 30	24°37'27	6♌18	18°38	20°24	8°14	17°46	24°35	13°42	20°13	4°45	25°32	25°47	24°25	n.a.	F 22
S 23	17 45 27	25°34'43	18°13	20°45	21°38	8°49	17°44	24°31	13°42	20°13	4°46	25°26	25°43	24°32	n.a.	S 23
S 24	17 49 23	26°31'59	0♍ 2	22°52	22°52	9°24	17°42	24°28	13°R42	20°12	4°47	25°22	25°40	24°38	n.a.	S 24
M25	17 53 20	27°29'16	11°50	24°59	24° 5	9°59	17°39	24°24	13°42	20°12	4°48	25°20	25°37	24°45	n.a.	M25
T 26	17 57 16	28°26'33	23°42	27° 6	25°19	10°34	17°37	24°21	13°42	20°11	4°48	25°20	25°34	24°52	n.a.	T 26
W27	18 1 13	29°23'51	5♎44	29°12	26°33	11°10	17°34	24°18	13°41	20°11	4°49	25°20	25°31	24°58	n.a.	W27
T 28	18 5 9	0♋21'10	18° 0	1♋17	27°47	11°45	17°31	24°15	13°41	20°11	4°50	25°19	25°27	25° 5	n.a.	T 28
F 29	18 9 6	1°18'29	0♏37	3°22	29° 1	12°21	17°28	24°12	13°41	20°10	4°51	25°16	25°24	25°12	n.a.	F 29
S 30	18 13 3	2♋15'49	13♏37	5♋25	0♋15	12♍57	17♒24	24♏ 9	13♓41	20♎10	4♉52	25♓12	25♓21	25♌18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n20	10s52	2s 7	13n10	2s56	18n48	0s23	13n37	0n54	16s50	1s11	17s51	1n41	7s16	0s46	6s14	2n 1	1n39	12s12	0s47	1s15	17n 6		n.a.
S 2	21 30	16 27	3 5	13 39	2 46	19 8	0 20	13 25	0 53	16 50	1 11	17 50	1 41	7 16	0 46	6 13	2 1	1 39	12 12	0 49	1 16	17 3		n.a.
S 3	21 40	21 26	3 56	14 10	2 35	19 27	0 18	13 13	0 51	16 49	1 12	17 49	1 41	7 16	0 46	6 13	2 1	1 39	12 12	0 52	1 18	17 0		n.a.
M 4	21 50	25 24	4 34	14 42	2 25	19 46	0 16	13 1	0 50	16 49	1 12	17 48	1 41	7 15	0 46	6 13	2 1	1 39	12 12	0 56	1 19	16 57		n.a.
T 5	21 59	27 58	4 56	15 15	2 13	20 5	0 13	12 48	0 49	16 49	1 12	17 47	1 41	7 15	0 46	6 12	2 1	1 40	12 12	1 0	1 20	16 54		n.a.
W 6	22 8	28 45	5 1	15 49	2 2	20 23	0 11	12 36	0 47	16 49	1 13	17 47	1 41	7 15	0 46	6 12	2 1	1 40	12 12	1 4	1 22	16 52		n.a.
T 7	22 17	27 36	4 47	16 24	1 50	20 41	0 8	12 23	0 46	16 49	1 13	17 46	1 40	7 14	0 46	6 12	2 1	1 40	12 13	1 8	1 23	16 49		n.a.
F 8	22 25	24 36	4 15	16 59	1 38	20 58	0 6	12 10	0 45	16 49	1 13	17 45	1 40	7 14	0 46	6 11	2 1	1 41	12 13	1 11	1 24	16 46		n.a.
S 9	22 33	20 4	3 26	17 35	1 25	21 14	0 4	11 57	0 43	16 49	1 14	17 44	1 40	7 14	0 46	6 11	2 1	1 41	12 13	1 13	1 25	16 43		n.a.
S 10	22 40	14 25	2 25	18 11	1 13	21 30	0 1	11 44	0 42	16 49	1 14	17 43	1 40	7 14	0 46	6 11	2 1	1 41	12 13	1 14	1 27	16 40		n.a.
M11	22 47	8 4	1 15	18 47	1 0	21 45	0n 1	11 31	0 41	16 49	1 14	17 42	1 40	7 13	0 46	6 11	2 1	1 41	12 13	1 14	1 28	16 37		n.a.
T 12	22 54	1 24	0 2	19 23	0 48	21 59	0 4	11 18	0 40	16 50	1 15	17 41	1 40	7 13	0 46	6 10	2 1	1 42	12 13	1 14	1 29	16 34		n.a.
W13	23 0	5n16	1n11	19 58	0 35	22 13	0 6	11 5	0 38	16 50	1 15	17 41	1 40	7 13	0 46	6 10	2 1	1 42	12 13	1 14	1 30	16 31		n.a.
T 14	23 6	11 35	2 18	20 33	0 23	22 27	0 8	10 51	0 37	16 51	1 15	17 40	1 40	7 13	0 46	6 10	2 1	1 42	12 13	1 15	1 32	16 28		n.a.
F 15	23 11	17 18	3 17	21 6	0 11	22 40	0 11	10 38	0 36	16 51	1 16	17 39	1 39	7 13	0 46	6 10	2 1	1 42	12 14	1 17	1 33	16 25		n.a.
S 16	23 16	22 6	4 4	21 39	0n 1	22 52	0 13	10 24	0 35	16 52	1 16	17 38	1 39	7 13	0 46	6 10	2 1	1 42	12 14	1 20	1 34	16 22		n.a.
S 17	23 21	25 45	4 38	22 10	0 12	23 3	0 15	10 11	0 33	16 52	1 16	17 37	1 39	7 13	0 46	6 9	2 1	1 43	12 14	1 24	1 36	16 19		n.a.
M18	23 25	27 59	4 56	22 39	0 23	23 14	0 18	9 57	0 32	16 53	1 17	17 37	1 39	7 12	0 46	6 9	2 0	1 43	12 14	1 29	1 37	16 16		n.a.
T 19	23 29	28 44	4 59	23 7	0 33	23 24	0 20	9 43	0 31	16 53	1 17	17 36	1 39	7 12	0 46	6 9	2 0	1 43	12 14	1 34	1 38	16 13		n.a.
W20	23 32	27 59	4 48	23 32	0 43	23 33	0 22	9 29	0 30	16 54	1 17	17 35	1 39	7 12	0 46	6 9	2 0	1 43	12 14	1 39	1 39	16 10		n.a.
T 21	23 35	25 52	4 24	23 55	0 53	23 42	0 25	9 15	0 28	16 55	1 18	17 34	1 39	7 12	0 46	6 9	2 0	1 43	12 14	1 44	1 41	16 7		n.a.
F 22	23 38	22 37	3 48	24 16	1 1	23 50	0 27	9 0	0 27	16 56	1 18	17 34	1 38	7 12	0 47	6 9	2 0	1 43	12 15	1 48	1 42	16 4		n.a.
S 23	23 40	18 27	3 3	24 34	1 9	23 57	0 29	8 46	0 26	16 57	1 18	17 33	1 38	7 12	0 47	6 9	2 0	1 44	12 15	1 50	1 43	16 1		n.a.
S 24	23 42	13 37	2 10	24 49	1 16	24 4	0 31	8 32	0 25	16 58	1 19	17 32	1 38	7 12	0 47	6 8	2 0	1 44	12 15	1 52	1 45	15 58		n.a.
M25	23 43	8 18	1 11	25 1	1 23	24 10	0 33	8 17	0 24	16 59	1 19	17 32	1 38	7 12	0 47	6 8	2 0	1 44	12 15	1 53	1 46	15 55		n.a.
T 26	23 44	2 40	0 9	25 11	1 29	24 15	0 36	8 3	0 23	17 0	1 19	17 31	1 38	7 12	0 47	6 8	2 0	1 44	12 15	1 53	1 47	15 52		n.a.
W27	23 44	3s 8	0s55	25 18	1 34	24 19	0 38	7 48	0 21	17 1	1 19	17 30	1 38	7 13	0 47	6 8	2 0	1 44	12 15	1 53	1 48	15 49		n.a.
T 28	23 44	8 57	1 57	25 22	1 38	24 23	0 40	7 33	0 20	17 2	1 20	17 30	1 37	7 13	0 47	6 8	2 0	1 44	12 16	1 53	1 50	15 46		n.a.
F 29	23 44	14 33	2 55	25 23	1 42	24 26	0 42	7 18	0 19	17 4	1 20	17 29	1 37	7 13	0 47	6 8	2 0	1 44	12 16	1 54	1 51	15 43		n.a.
S 30	23n43	19s43	3s46	25n22	1n44	24n28	0n44	7n 4	0n18	17s 5	1s20	17s29	1n37	7s13	0s47	6s 8	2n 0	1n44	12s16	1s56	1s52	15n40		n.a.

Julian Day Number = 1597389.5, Delta T = 04h01m20s
Ecliptic obliquity = 23°44'20, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'38, Lahiri = - 8°38'38 Julian Calendar 1 June 340 BCE == Greg. Calendar 27 May 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

JULY 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 16 59	3♋13'10	27♏ 4	7♋27	1♋29	13♍33	17°R21	24°R 6	13°R40	20°R10	4♉53	25°R 4	25♓18	25♌25	n.a.	S 1
M 2	18 20 56	4°10'32	10♐58	9°28	2°43	14° 9	17♒17	24♏ 3	13♓40	20♎10	4°53	24♓55	25°15	25°32	n.a.	M 2
T 3	18 24 52	5° 7'55	25°17	11°28	3°57	14°45	17°13	24° 0	13°40	20°10	4°54	24°44	25°12	25°38	n.a.	T 3
W 4	18 28 49	6° 5'19	9♑54	13°26	5°11	15°22	17° 9	23°58	13°39	20°10	4°55	24°33	25° 8	25°45	n.a.	W 4
T 5	18 32 45	7° 2'44	24°42	15°23	6°25	15°58	17° 5	23°55	13°39	20° 9	4°56	24°23	25° 5	25°52	n.a.	T 5
F 6	18 36 42	8° 0'11	9♒34	17°19	7°39	16°35	17° 1	23°52	13°38	20° 9	4°56	24°15	25° 2	25°58	n.a.	F 6
S 7	18 40 39	8°57'38	24°21	19°13	8°54	17°12	16°56	23°50	13°37	20°D 9	4°57	24°10	24°59	26° 5	n.a.	S 7
S 8	18 44 35	9°55'07	8♓56	21° 5	10° 8	17°48	16°51	23°48	13°37	20° 9	4°58	24° 7	24°56	26°12	n.a.	S 8
M 9	18 48 32	10°52'38	23°15	22°56	11°22	18°26	16°46	23°45	13°36	20° 9	4°58	24°D 6	24°53	26°18	n.a.	M 9
T 10	18 52 28	11°50'10	7♈17	24°45	12°36	19° 3	16°41	23°43	13°35	20°10	4°59	24°R 7	24°49	26°25	n.a.	T 10
W11	18 56 25	12°47'44	21° 2	26°33	13°50	19°40	16°36	23°41	13°35	20°10	5° 0	24° 6	24°46	26°32	n.a.	W11
T 12	19 0 21	13°45'19	4♉30	28°19	15° 4	20°17	16°30	23°39	13°34	20°10	5° 0	24° 5	24°43	26°38	n.a.	T 12
F 13	19 4 18	14°42'56	17°43	0♌ 4	16°19	20°55	16°25	23°37	13°33	20°10	5° 1	24° 1	24°40	26°45	n.a.	F 13
S 14	19 8 14	15°40'34	0♊43	1°47	17°33	21°33	16°19	23°35	13°32	20°10	5° 1	23°54	24°37	26°52	n.a.	S 14
S 15	19 12 11	16°38'15	13°30	3°29	18°47	22°11	16°13	23°33	13°31	20°10	5° 2	23°45	24°33	26°58	n.a.	S 15
M16	19 16 8	17°35'57	26° 5	5°10	20° 1	22°48	16° 7	23°32	13°30	20°11	5° 3	23°34	24°30	27° 5	n.a.	M16
T 17	19 20 4	18°33'40	8♋30	6°49	21°16	23°27	16° 1	23°30	13°29	20°11	5° 3	23°23	24°27	27°12	n.a.	T 17
W18	19 24 1	19°31'25	20°44	8°26	22°30	24° 5	15°55	23°28	13°28	20°11	5° 4	23°11	24°24	27°18	n.a.	W18
T 19	19 27 57	20°29'12	2♌49	10° 2	23°44	24°43	15°49	23°27	13°27	20°12	5° 4	23° 1	24°21	27°25	n.a.	T 19
F 20	19 31 54	21°26'59	14°45	11°37	24°59	25°21	15°42	23°26	13°25	20°12	5° 4	22°52	24°18	27°32	n.a.	F 20
S 21	19 35 50	22°24'49	26°36	13°10	26°13	26° 0	15°35	23°24	13°24	20°12	5° 5	22°47	24°14	27°38	n.a.	S 21
S 22	19 39 47	23°22'39	8♍22	14°42	27°27	26°39	15°29	23°23	13°23	20°13	5° 5	22°43	24°11	27°45	n.a.	S 22
M23	19 43 43	24°20'32	20° 9	16°12	28°42	27°17	15°22	23°22	13°22	20°13	5° 6	22°D42	24° 8	27°52	n.a.	M23
T 24	19 47 40	25°18'25	2♎ 1	17°41	29°56	27°56	15°15	23°21	13°20	20°14	5° 6	22°42	24° 5	27°58	n.a.	T 24
W25	19 51 37	26°16'20	14° 1	19° 8	1♌11	28°35	15° 8	23°20	13°19	20°15	5° 6	22°43	24° 2	28° 5	n.a.	W25
T 26	19 55 33	27°14'16	26°15	20°34	2°25	29°14	15° 1	23°20	13°17	20°15	5° 7	22°R44	23°59	28°12	n.a.	T 26
F 27	19 59 30	28°12'14	8♏49	21°59	3°40	29°54	14°53	23°19	13°16	20°16	5° 7	22°43	23°55	28°18	n.a.	F 27
S 28	20 3 26	29°10'13	21°48	23°22	4°54	0♎33	14°46	23°18	13°14	20°16	5° 7	22°41	23°52	28°25	n.a.	S 28
S 29	20 7 23	0♌ 8'14	5♐13	24°43	6° 8	1°12	14°39	23°18	13°13	20°17	5° 8	22°36	23°49	28°31	n.a.	S 29
M30	20 11 19	1° 6'16	19° 8	26° 3	7°23	1°52	14°31	23°17	13°11	20°18	5° 8	22°30	23°46	28°38	n.a.	M30
T 31	20 15 16	2♌ 4'20	3♑31	27♌21	8♌37	2♎32	14♒23	23♏17	13♓10	20♎19	5♉ 8	22♓23	23♓43	28♌45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n42	24s 4	4s26	25n18	1n47	24n30	0n46	6n49	0n17	17s 6	1s21	17s28	1n37	7s13	0s47	6s 8	2n 0	1n45	12s16	1s59	1s53	15n37			n.a.
M 2	23 40	27 11	4 52	25 12	1 48	24 31	0 48	6 33	0 16	17 8	1 21	17 28	1 37	7 13	0 47	6 8	2 0	1 45	12 16	2 3	1 55	15 34			n.a.
T 3	23 38	28 40	5 1	25 3	1 49	24 31	0 50	6 18	0 15	17 9	1 21	17 27	1 37	7 13	0 47	6 8	1 59	1 45	12 17	2 7	1 56	15 31			n.a.
W 4	23 36	28 11	4 50	24 51	1 49	24 30	0 52	6 3	0 14	17 11	1 22	17 27	1 36	7 14	0 47	6 8	1 59	1 45	12 17	2 12	1 57	15 28			n.a.
T 5	23 33	25 43	4 20	24 38	1 49	24 28	0 54	5 48	0 13	17 13	1 22	17 26	1 36	7 14	0 47	6 8	1 59	1 45	12 17	2 16	1 59	15 25			n.a.
F 6	23 30	21 29	3 33	24 23	1 47	24 26	0 55	5 32	0 12	17 14	1 22	17 26	1 36	7 14	0 47	6 8	1 59	1 45	12 17	2 19	2 0	15 22			n.a.
S 7	23 26	15 56	2 31	24 5	1 46	24 23	0 57	5 17	0 10	17 16	1 22	17 25	1 36	7 14	0 47	6 8	1 59	1 45	12 17	2 21	2 1	15 19			n.a.
S 8	23 22	9 33	1 20	23 46	1 44	24 20	0 59	5 1	0 9	17 18	1 23	17 25	1 36	7 15	0 47	6 8	1 59	1 45	12 18	2 22	2 2	15 16			n.a.
M 9	23 17	2 47	0 5	23 25	1 41	24 15	1 1	4 46	0 8	17 19	1 23	17 24	1 35	7 15	0 47	6 8	1 59	1 45	12 18	2 22	2 4	15 13			n.a.
T 10	23 12	3n59	1n 9	23 3	1 38	24 10	1 2	4 30	0 7	17 21	1 23	17 24	1 35	7 15	0 47	6 8	1 59	1 45	12 18	2 22	2 5	15 10			n.a.
W11	23 7	10 26	2 18	22 39	1 34	24 4	1 4	4 14	0 6	17 23	1 24	17 24	1 35	7 16	0 47	6 9	1 59	1 45	12 18	2 22	2 6	15 7			n.a.
T 12	23 1	16 16	3 17	22 14	1 30	23 57	1 5	3 58	0 5	17 25	1 24	17 23	1 35	7 16	0 47	6 9	1 59	1 45	12 18	2 23	2 7	15 4			n.a.
F 13	22 55	21 14	4 5	21 47	1 26	23 50	1 7	3 43	0 4	17 27	1 24	17 23	1 35	7 16	0 47	6 9	1 59	1 45	12 19	2 24	2 9	15 1			n.a.
S 14	22 48	25 5	4 38	21 19	1 21	23 42	1 8	3 27	0 3	17 29	1 24	17 23	1 34	7 17	0 47	6 9	1 59	1 45	12 19	2 27	2 10	14 58			n.a.
S 15	22 41	27 38	4 58	20 51	1 16	23 33	1 10	3 11	0 2	17 31	1 25	17 23	1 34	7 17	0 47	6 9	1 59	1 45	12 19	2 31	2 11	14 55			n.a.
M16	22 34	28 43	5 2	20 21	1 10	23 24	1 11	2 54	0 1	17 33	1 25	17 22	1 34	7 18	0 47	6 9	1 59	1 45	12 19	2 35	2 13	14 52			n.a.
T 17	22 26	28 19	4 52	19 50	1 4	23 13	1 12	2 38	0 0	17 35	1 25	17 22	1 34	7 18	0 47	6 9	1 59	1 45	12 19	2 40	2 14	14 49			n.a.
W18	22 18	26 33	4 29	19 19	0 58	23 3	1 13	2 22	0s 1	17 37	1 25	17 22	1 34	7 19	0 47	6 10	1 58	1 45	12 20	2 44	2 15	14 46			n.a.
T 19	22 9	23 34	3 54	18 46	0 51	22 51	1 15	2 6	0 2	17 39	1 26	17 22	1 33	7 19	0 47	6 10	1 58	1 45	12 20	2 48	2 16	14 43			n.a.
F 20	22 0	19 36	3 8	18 14	0 44	22 39	1 16	1 50	0 3	17 42	1 26	17 22	1 33	7 19	0 48	6 10	1 58	1 45	12 20	2 52	2 18	14 40			n.a.
S 21	21 51	14 55	2 15	17 40	0 37	22 26	1 17	1 33	0 4	17 44	1 26	17 21	1 33	7 20	0 48	6 10	1 58	1 45	12 20	2 54	2 19	14 36			n.a.
S 22	21 41	9 42	1 16	17 6	0 30	22 12	1 18	1 17	0 5	17 46	1 26	17 21	1 33	7 21	0 48	6 10	1 58	1 45	12 21	2 55	2 20	14 33			n.a.
M23	21 31	4 9	0 14	16 32	0 23	21 58	1 19	1 0	0 6	17 48	1 26	17 21	1 33	7 21	0 48	6 11	1 58	1 44	12 21	2 56	2 21	14 30			n.a.
T 24	21 21	1s34	0s50	15 57	0 15	21 43	1 20	0 44	0 7	17 51	1 27	17 21	1 32	7 22	0 48	6 11	1 58	1 44	12 21	2 56	2 23	14 27			n.a.
W25	21 10	7 19	1 52	15 23	0 7	21 27	1 20	0 27	0 7	17 53	1 27	17 21	1 32	7 22	0 48	6 11	1 58	1 44	12 21	2 55	2 24	14 24			n.a.
T 26	20 58	12 54	2 50	14 47	0s 1	21 11	1 21	0 11	0 8	17 55	1 27	17 21	1 32	7 23	0 48	6 12	1 58	1 44	12 21	2 55	2 25	14 21			n.a.
F 27	20 47	18 7	3 42	14 12	0 10	20 54	1 22	0s 6	0 9	17 58	1 27	17 21	1 32	7 23	0 48	6 12	1 58	1 44	12 22	2 55	2 27	14 18			n.a.
S 28	20 35	22 41	4 24	13 37	0 18	20 37	1 23	0 23	0 10	18 0	1 27	17 21	1 32	7 24	0 48	6 12	1 58	1 44	12 22	2 56	2 28	14 15			n.a.
S 29	20 22	26 15	4 53	13 1	0 27	20 19	1 23	0 39	0 11	18 2	1 28	17 21	1 31	7 25	0 48	6 12	1 58	1 44	12 22	2 58	2 29	14 12			n.a.
M30	20 10	28 23	5 7	12 26	0 36	20 0	1 24	0 56	0 12	18 5	1 28	17 22	1 31	7 25	0 48	6 13	1 58	1 44	12 22	3 1	2 30	14 9			n.a.
T 31	19n57	28s43	5s 1	11n51	0s45	19n41	1n24	1s13	0s13	18s 7	1s28	17s22	1n31	7s26	0s48	6s13	1n58	1n44	12s23	3s 4	2s32	14n 5			n.a.

Julian Day Number = 1597419.5, Delta T = 04h01m19s
Ecliptic obliquity = 23°44'20, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'34, Lahiri = - 8°38'34 Julian Calendar 1 July 340 BCE == Greg. Calendar 26 June 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

AUGUST 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 19 12	3♌ 2'26	18♉17	28♌38	9♌52	3♎11	14°R16	23°R17	13°R 8	20♎19	5♉ 8	22°R15	23♓39	28♌51	n.a.	W 1
T 2	20 23 9	4° 0'33	3♒19	29°52	11° 6	3°51	14♒ 8	23♏17	13♓ 6	20°20	5° 8	22♓ 8	23°36	28°58	n.a.	T 2
F 3	20 27 6	4°58'42	18°29	1♍ 5	12°21	4°31	14° 0	23°D17	13° 4	20°21	5° 9	22° 3	23°33	29° 5	n.a.	F 3
S 4	20 31 2	5°56'53	3♓35	2°16	13°35	5°11	13°53	23°17	13° 3	20°22	5° 9	21°59	23°30	29°11	n.a.	S 4
S 5	20 34 59	6°55'06	18°29	3°25	14°50	5°51	13°45	23°17	13° 1	20°23	5° 9	21°D58	23°27	29°18	n.a.	S 5
M 6	20 38 55	7°53'21	3♈ 5	4°32	16° 4	6°32	13°37	23°17	12°59	20°24	5° 9	21°58	23°24	29°25	n.a.	M 6
T 7	20 42 52	8°51'38	17°19	5°37	17°19	7°12	13°29	23°18	12°57	20°25	5° 9	22° 0	23°20	29°31	n.a.	T 7
W 8	20 46 48	9°49'58	1♉10	6°39	18°34	7°52	13°21	23°18	12°55	20°26	5° 9	22° 1	23°17	29°38	n.a.	W 8
T 9	20 50 45	10°48'19	14°38	7°39	19°48	8°33	13°13	23°19	12°53	20°27	5° 9	22°R 1	23°14	29°45	n.a.	T 9
F 10	20 54 41	11°46'43	27°45	8°37	21° 3	9°14	13° 5	23°19	12°51	20°28	5°R 9	22° 0	23°11	29°51	n.a.	F 10
S 11	20 58 38	12°45'10	10♊34	9°31	22°17	9°54	12°57	23°20	12°49	20°29	5° 9	21°57	23° 8	29°58	n.a.	S 11
S 12	21 2 35	13°43'38	23° 9	10°23	23°32	10°35	12°49	23°21	12°47	20°30	5° 9	21°52	23° 5	0♍ 5	n.a.	S 12
M13	21 6 31	14°42'09	5♋30	11°12	24°47	11°16	12°41	23°22	12°45	20°31	5° 9	21°46	23° 1	0°11	n.a.	M13
T 14	21 10 28	15°40'42	17°41	11°57	26° 1	11°57	12°33	23°23	12°43	20°32	5° 9	21°39	22°58	0°18	n.a.	T 14
W15	21 14 24	16°39'17	29°43	12°38	27°16	12°39	12°25	23°24	12°41	20°34	5° 9	21°33	22°55	0°25	n.a.	W15
T 16	21 18 21	17°37'54	11♌39	13°15	28°31	13°20	12°17	23°25	12°39	20°35	5° 9	21°27	22°52	0°31	n.a.	T 16
F 17	21 22 17	18°36'33	23°30	13°49	29°45	14° 1	12°10	23°27	12°37	20°36	5° 9	21°23	22°49	0°38	n.a.	F 17
S 18	21 26 14	19°35'14	5♍17	14°17	1♍ 0	14°43	12° 2	23°28	12°35	20°37	5° 8	21°20	22°45	0°45	n.a.	S 18
S 19	21 30 10	20°33'57	17° 4	14°41	2°15	15°24	11°54	23°30	12°33	20°39	5° 8	21°D19	22°42	0°51	n.a.	S 19
M20	21 34 7	21°32'43	28°53	14°59	3°29	16° 6	11°46	23°31	12°30	20°40	5° 8	21°19	22°39	0°58	n.a.	M20
T 21	21 38 3	22°31'30	10♎47	15°12	4°44	16°48	11°38	23°33	12°28	20°41	5° 8	21°20	22°36	1° 5	n.a.	T 21
W22	21 42 0	23°30'18	22°49	15°19	5°59	17°29	11°31	23°35	12°26	20°43	5° 8	21°22	22°33	1°11	n.a.	W22
T 23	21 45 57	24°29'09	5♏ 4	15°R19	7°13	18°11	11°23	23°37	12°24	20°44	5° 7	21°23	22°30	1°18	n.a.	T 23
F 24	21 49 53	25°28'02	17°37	15°13	8°28	18°53	11°16	23°39	12°21	20°46	5° 7	21°24	22°26	1°25	n.a.	F 24
S 25	21 53 50	26°26'57	0♐30	14°59	9°43	19°35	11° 8	23°41	12°19	20°47	5° 7	21°R25	22°23	1°31	n.a.	S 25
S 26	21 57 46	27°25'53	13°49	14°38	10°57	20°18	11° 1	23°43	12°17	20°49	5° 6	21°24	22°20	1°38	n.a.	S 26
M27	22 1 43	28°24'51	27°36	14°10	12°12	21° 0	10°54	23°45	12°14	20°50	5° 6	21°22	22°17	1°45	n.a.	M27
T 28	22 5 39	29°23'52	11♑50	13°34	13°27	21°42	10°46	23°48	12°12	20°52	5° 6	21°19	22°14	1°51	n.a.	T 28
W29	22 9 36	0♒22'54	26°30	12°51	14°41	22°25	10°39	23°50	12°10	20°53	5° 5	21°16	22°11	1°58	n.a.	W29
T 30	22 13 32	1°21'58	11♒29	12° 1	15°56	23° 7	10°32	23°53	12° 7	20°55	5° 5	21°14	22° 7	2° 5	n.a.	T 30
F 31	22 17 29	2♒21'04	26♒42	11♍ 4	17♍11	23♎50	10♒26	23♏55	12♓ 5	20♎56	5♉ 4	21♓12	22♓ 4	2♍11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	19n43	27s 2	4s36	11n16	0s53	19n21	1n24	1s30	0s14	18s10	1s28	17s22	1n31	7s27	0s48	6s14	1n58	1n43	12s23	3s 7	2s33	14n 2			n.a.
T 2	19 30	23 25	3 52	10 41	1 3	19 1	1 25	1 47	0 15	18 12	1 28	17 22	1 30	7 27	0 48	6 14	1 57	1 43	12 23	3 9	2 34	13 59			n.a.
F 3	19 16	18 11	2 51	10 6	1 12	18 40	1 25	2 3	0 16	18 14	1 28	17 22	1 30	7 28	0 48	6 14	1 57	1 43	12 23	3 12	2 35	13 56			n.a.
S 4	19 1	11 50	1 38	9 32	1 21	18 19	1 25	2 20	0 17	18 17	1 29	17 22	1 30	7 29	0 48	6 15	1 57	1 43	12 23	3 13	2 37	13 53			n.a.
S 5	18 46	4 54	0 19	8 59	1 30	17 57	1 25	2 37	0 17	18 19	1 29	17 23	1 30	7 29	0 48	6 15	1 57	1 43	12 24	3 13	2 38	13 50			n.a.
M 6	18 31	2n 9	1n 0	8 26	1 39	17 34	1 25	2 54	0 18	18 22	1 29	17 23	1 30	7 30	0 48	6 15	1 57	1 43	12 24	3 13	2 39	13 47			n.a.
T 7	18 16	8 56	2 13	7 53	1 48	17 12	1 25	3 11	0 19	18 24	1 29	17 23	1 29	7 31	0 48	6 16	1 57	1 42	12 24	3 13	2 41	13 44			n.a.
W 8	18 0	15 5	3 16	7 22	1 58	16 48	1 25	3 28	0 20	18 27	1 29	17 24	1 29	7 32	0 48	6 16	1 57	1 42	12 24	3 12	2 42	13 41			n.a.
T 9	17 44	20 21	4 7	6 51	2 7	16 24	1 25	3 45	0 21	18 29	1 29	17 24	1 29	7 32	0 48	6 17	1 57	1 42	12 25	3 12	2 43	13 37			n.a.
F 10	17 28	24 30	4 43	6 21	2 16	16 0	1 25	4 2	0 22	18 31	1 29	17 24	1 29	7 33	0 48	6 17	1 57	1 42	12 25	3 13	2 44	13 34			n.a.
S 11	17 12	27 20	5 4	5 52	2 25	15 35	1 25	4 19	0 22	18 34	1 29	17 25	1 29	7 34	0 48	6 18	1 57	1 41	12 25	3 14	2 46	13 31			n.a.
S 12	16 55	28 43	5 10	5 24	2 34	15 10	1 24	4 36	0 23	18 36	1 29	17 25	1 28	7 35	0 48	6 18	1 57	1 41	12 25	3 16	2 47	13 28			n.a.
M13	16 38	28 39	5 2	4 57	2 42	14 45	1 24	4 53	0 24	18 39	1 30	17 26	1 28	7 36	0 48	6 19	1 57	1 41	12 26	3 18	2 48	13 25			n.a.
T 14	16 20	27 10	4 39	4 32	2 51	14 19	1 24	5 10	0 25	18 41	1 30	17 26	1 28	7 36	0 48	6 19	1 57	1 41	12 26	3 21	2 49	13 22			n.a.
W15	16 2	24 27	4 5	4 9	2 59	13 52	1 23	5 27	0 26	18 43	1 30	17 27	1 28	7 37	0 48	6 20	1 57	1 41	12 26	3 24	2 51	13 18			n.a.
T 16	15 44	20 42	3 20	3 47	3 7	13 26	1 22	5 44	0 27	18 46	1 30	17 27	1 27	7 38	0 48	6 20	1 57	1 40	12 26	3 26	2 52	13 15			n.a.
F 17	15 26	16 9	2 26	3 28	3 14	12 58	1 22	6 1	0 27	18 48	1 30	17 28	1 27	7 39	0 48	6 21	1 57	1 40	12 26	3 28	2 53	13 12			n.a.
S 18	15 8	11 2	1 27	3 10	3 21	12 31	1 21	6 18	0 28	18 50	1 30	17 28	1 27	7 40	0 48	6 21	1 57	1 40	12 27	3 29	2 55	13 9			n.a.
S 19	14 49	5 31	0 23	2 55	3 28	12 3	1 20	6 35	0 29	18 52	1 30	17 29	1 27	7 41	0 48	6 22	1 56	1 40	12 27	3 29	2 56	13 6			n.a.
M20	14 30	0s11	0s41	2 42	3 34	11 35	1 19	6 52	0 30	18 55	1 30	17 29	1 27	7 41	0 48	6 22	1 56	1 39	12 27	3 29	2 57	13 3			n.a.
T 21	14 11	5 55	1 45	2 32	3 39	11 7	1 19	7 9	0 30	18 57	1 30	17 30	1 26	7 42	0 48	6 23	1 56	1 39	12 27	3 29	2 58	13 0			n.a.
W22	13 51	11 31	2 45	2 25	3 44	10 38	1 18	7 26	0 31	18 59	1 30	17 31	1 26	7 43	0 48	6 24	1 56	1 39	12 28	3 28	3 0	12 56			n.a.
T 23	13 31	16 47	3 38	2 22	3 48	10 9	1 17	7 43	0 32	19 1	1 30	17 31	1 26	7 44	0 48	6 24	1 56	1 38	12 28	3 27	3 1	12 53			n.a.
F 24	13 11	21 29	4 22	2 22	3 50	9 40	1 15	8 0	0 33	19 3	1 30	17 32	1 26	7 45	0 48	6 25	1 56	1 38	12 28	3 27	3 2	12 50			n.a.
S 25	12 51	25 18	4 55	2 26	3 52	9 10	1 14	8 16	0 33	19 5	1 30	17 33	1 26	7 46	0 48	6 25	1 56	1 38	12 28	3 27	3 3	12 47			n.a.
S 26	12 31	27 55	5 12	2 34	3 52	8 40	1 13	8 33	0 34	19 7	1 30	17 33	1 25	7 47	0 48	6 26	1 56	1 37	12 28	3 27	3 5	12 44			n.a.
M27	12 10	28 56	5 13	2 46	3 50	8 10	1 12	8 50	0 35	19 9	1 30	17 34	1 25	7 48	0 48	6 27	1 56	1 37	12 29	3 28	3 6	12 40			n.a.
T 28	11 50	28 6	4 55	3 3	3 47	7 40	1 10	9 7	0 36	19 11	1 30	17 35	1 25	7 49	0 48	6 27	1 56	1 37	12 29	3 29	3 7	12 37			n.a.
W29	11 29	25 20	4 18	3 24	3 43	7 10	1 9	9 23	0 36	19 13	1 30	17 36	1 25	7 50	0 48	6 28	1 56	1 37	12 29	3 30	3 9	12 34			n.a.
T 30	11 7	20 47	3 22	3 49	3 36	6 39	1 8	9 40	0 37	19 15	1 30	17 37	1 25	7 51	0 48	6 28	1 56	1 36	12 29	3 31	3 10	12 31			n.a.
F 31	10n46	14s49	2s11	4n19	3s27	6n 8	1n 6	9s57	0s38	19s17	1s30	17s38	1n24	7s51	0s48	6s29	1n56	1n36	12s29	3s32	3s11	12n28			n.a.

Julian Day Number = 1597450.5, Delta T = 04h01m18s
Ecliptic obliquity = 23°44'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'30, Lahiri = - 8°38'30 Julian Calendar 1 Aug. 340 BCE == Greg. Calendar 27 July 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

SEPTEMBER 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 21 26	3♍20'12	11♓56	10°R 3	18♍25	24♎33	10°R19	23♏58	12°R 3	20♎58	5°R 4	21°R11	22♓ 1	2♍18	n.a.	S 1
S 2	22 25 22	4°19'22	27° 3	8♍57	19°40	25°15	10♒12	24° 1	12♓ 0	21° 0	5♉ 4	21°D10	21°58	2°24	n.a.	S 2
M 3	22 29 19	5°18'34	11♈54	7°48	20°55	25°58	10° 6	24° 4	11°58	21° 1	5° 3	21♓11	21°55	2°31	n.a.	M 3
T 4	22 33 15	6°17'49	26°23	6°38	22° 9	26°41	9°59	24° 7	11°55	21° 3	5° 3	21°12	21°51	2°38	n.a.	T 4
W 5	22 37 12	7°17'07	10♉25	5°29	23°24	27°24	9°53	24°10	11°53	21° 5	5° 2	21°13	21°48	2°44	n.a.	W 5
T 6	22 41 8	8°16'26	24° 1	4°22	24°39	28° 7	9°47	24°13	11°50	21° 7	5° 1	21°14	21°45	2°51	n.a.	T 6
F 7	22 45 5	9°15'49	7♊12	3°20	25°53	28°50	9°41	24°16	11°48	21° 8	5° 1	21°R15	21°42	2°58	n.a.	F 7
S 8	22 49 1	10°15'13	20° 1	2°24	27° 8	29°34	9°35	24°20	11°46	21°10	5° 0	21°14	21°39	3° 4	n.a.	S 8
S 9	22 52 58	11°14'41	2♋30	1°36	28°23	0♏17	9°29	24°23	11°43	21°12	5° 0	21°14	21°36	3°11	n.a.	S 9
M10	22 56 55	12°14'10	14°44	0°58	29°37	1° 0	9°24	24°27	11°41	21°14	4°59	21°13	21°32	3°18	n.a.	M10
T 11	23 0 51	13°13'42	26°46	0°29	0♎52	1°44	9°18	24°30	11°38	21°16	4°58	21°12	21°29	3°24	n.a.	T 11
W12	23 4 48	14°13'16	8♌41	0°11	2° 7	2°28	9°13	24°34	11°36	21°18	4°58	21°10	21°26	3°31	n.a.	W12
T 13	23 8 44	15°12'53	20°31	0°D 4	3°21	3°11	9° 8	24°38	11°33	21°19	4°57	21°10	21°23	3°38	n.a.	T 13
F 14	23 12 41	16°12'31	2♍18	0° 8	4°36	3°55	9° 3	24°41	11°31	21°21	4°56	21° 9	21°20	3°44	n.a.	F 14
S 15	23 16 37	17°12'12	14° 6	0°23	5°51	4°39	8°59	24°45	11°29	21°23	4°56	21° 9	21°17	3°51	n.a.	S 15
S 16	23 20 34	18°11'55	25°57	0°48	7° 5	5°23	8°54	24°49	11°26	21°25	4°55	21°D 9	21°13	3°58	n.a.	S 16
M17	23 24 30	19°11'40	7♎52	1°22	8°20	6° 7	8°50	24°53	11°24	21°27	4°54	21° 9	21°10	4° 4	n.a.	M17
T 18	23 28 27	20°11'27	19°54	2° 6	9°35	6°51	8°46	24°57	11°21	21°29	4°54	21° 9	21° 7	4°11	n.a.	T 18
W19	23 32 23	21°11'16	2♏ 5	2°58	10°49	7°35	8°42	25° 2	11°19	21°31	4°53	21°R 9	21° 4	4°18	n.a.	W19
T 20	23 36 20	22°11'07	14°28	3°57	12° 4	8°19	8°38	25° 6	11°17	21°33	4°52	21° 9	21° 1	4°24	n.a.	T 20
F 21	23 40 17	23°11'00	27° 5	5° 2	13°19	9° 3	8°34	25°10	11°14	21°35	4°51	21° 9	20°57	4°31	n.a.	F 21
S 22	23 44 13	24°10'55	9♐59	6°13	14°33	9°48	8°31	25°15	11°12	21°37	4°50	21° 9	20°54	4°38	n.a.	S 22
S 23	23 48 10	25°10'51	23°14	7°30	15°48	10°32	8°27	25°19	11°10	21°39	4°49	21°D 8	20°51	4°44	n.a.	S 23
M24	23 52 6	26°10'49	6♑50	8°50	17° 2	11°16	8°24	25°24	11° 7	21°41	4°49	21° 9	20°48	4°51	n.a.	M24
T 25	23 56 3	27°10'49	20°50	10°14	18°17	12° 1	8°21	25°29	11° 5	21°43	4°48	21° 9	20°45	4°57	n.a.	T 25
W26	23 59 59	28°10'51	5♒13	11°41	19°32	12°46	8°19	25°33	11° 3	21°46	4°47	21° 9	20°42	5° 4	n.a.	W26
T 27	0 3 56	29°10'54	19°55	13°10	20°46	13°30	8°16	25°38	11° 0	21°48	4°46	21°10	20°38	5°11	n.a.	T 27
F 28	0 7 52	0♎10'59	4♓53	14°42	22° 1	14°15	8°14	25°43	10°58	21°50	4°45	21°11	20°35	5°17	n.a.	F 28
S 29	0 11 49	1°11'06	19°58	16°15	23°15	15° 0	8°12	25°48	10°56	21°52	4°44	21°R11	20°32	5°24	n.a.	S 29
S 30	0 15 46	2♎11'14	5♈ 2	17♍50	24♎30	15♏45	8♒10	25♏53	10♓54	21♎54	4♉43	21♓11	20♓29	5♍31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n24	7s57	0s51	4n52	3s17	5n37	1n 5	10s13	0s38	19s19	1s30	17s38	1n24	7s52	0s48	6s30	1n56	1n36	12s30	3s32	3s12	12n24		n.a.
S 2	10 3	0 41	0n32	5 29	3 4	5 6	1 3	10 30	0 39	19 21	1 30	17 39	1 24	7 53	0 48	6 30	1 56	1 35	12 30	3 32	3 14	12 21		n.a.
M 3	9 41	6n29	1 52	6 8	2 50	4 35	1 1	10 46	0 40	19 22	1 30	17 40	1 24	7 54	0 48	6 31	1 56	1 35	12 30	3 32	3 15	12 18		n.a.
T 4	9 19	13 8	3 3	6 49	2 33	4 4	1 0	11 3	0 40	19 24	1 30	17 41	1 24	7 55	0 48	6 32	1 56	1 35	12 30	3 32	3 16	12 15		n.a.
W 5	8 57	18 55	4 0	7 31	2 16	3 32	0 58	11 19	0 41	19 26	1 29	17 42	1 23	7 56	0 48	6 33	1 56	1 34	12 30	3 31	3 17	12 12		n.a.
T 6	8 34	23 34	4 42	8 13	1 57	3 0	0 56	11 35	0 42	19 27	1 29	17 43	1 23	7 57	0 48	6 33	1 56	1 34	12 31	3 31	3 19	12 8		n.a.
F 7	8 12	26 50	5 8	8 54	1 37	2 29	0 54	11 51	0 42	19 29	1 29	17 44	1 23	7 58	0 48	6 34	1 56	1 33	12 31	3 31	3 20	12 5		n.a.
S 8	7 49	28 37	5 17	9 33	1 17	1 57	0 52	12 8	0 43	19 30	1 29	17 45	1 23	7 59	0 48	6 35	1 55	1 33	12 31	3 31	3 21	12 2		n.a.
S 9	7 26	28 54	5 11	10 9	0 57	1 25	0 50	12 24	0 44	19 32	1 29	17 46	1 23	8 0	0 48	6 35	1 55	1 33	12 31	3 31	3 22	11 59		n.a.
M10	7 3	27 44	4 51	10 42	0 37	0 53	0 48	12 40	0 44	19 33	1 29	17 47	1 22	8 1	0 48	6 36	1 55	1 32	12 31	3 32	3 24	11 56		n.a.
T 11	6 40	25 17	4 18	11 10	0 17	0 21	0 46	12 56	0 45	19 35	1 29	17 48	1 22	8 2	0 48	6 37	1 55	1 32	12 32	3 32	3 25	11 52		n.a.
W12	6 17	21 46	3 35	11 34	0n 2	0s11	0 44	13 11	0 46	19 36	1 29	17 49	1 22	8 3	0 48	6 38	1 55	1 32	12 32	3 32	3 26	11 49		n.a.
T 13	5 54	17 23	2 42	11 53	0 19	0 43	0 42	13 27	0 46	19 37	1 29	17 50	1 22	8 4	0 48	6 38	1 55	1 31	12 32	3 33	3 28	11 46		n.a.
F 14	5 30	12 23	1 43	12 7	0 35	1 15	0 40	13 43	0 47	19 38	1 29	17 52	1 22	8 5	0 48	6 39	1 55	1 31	12 32	3 33	3 29	11 43		n.a.
S 15	5 7	6 56	0 39	12 16	0 50	1 47	0 37	13 58	0 47	19 39	1 28	17 53	1 21	8 5	0 48	6 40	1 55	1 30	12 32	3 33	3 30	11 39		n.a.
S 16	4 43	1 13	0s27	12 19	1 4	2 19	0 35	14 14	0 48	19 41	1 28	17 54	1 21	8 6	0 48	6 41	1 55	1 30	12 32	3 33	3 31	11 36		n.a.
M17	4 20	4s34	1 32	12 18	1 16	2 51	0 33	14 29	0 49	19 42	1 28	17 55	1 21	8 7	0 48	6 41	1 55	1 30	12 33	3 33	3 33	11 33		n.a.
T 18	3 56	10 14	2 33	12 12	1 26	3 22	0 31	14 45	0 49	19 43	1 28	17 56	1 21	8 8	0 48	6 42	1 55	1 29	12 33	3 33	3 34	11 30		n.a.
W19	3 32	15 36	3 29	12 1	1 35	3 54	0 28	15 0	0 50	19 44	1 28	17 57	1 21	8 9	0 48	6 43	1 55	1 29	12 33	3 33	3 35	11 26		n.a.
T 20	3 8	20 26	4 15	11 47	1 43	4 26	0 26	15 15	0 50	19 44	1 28	17 59	1 21	8 10	0 48	6 44	1 55	1 28	12 33	3 33	3 36	11 23		n.a.
F 21	2 44	24 27	4 50	11 28	1 49	4 58	0 23	15 30	0 51	19 45	1 28	18 0	1 20	8 11	0 48	6 45	1 55	1 28	12 33	3 33	3 38	11 20		n.a.
S 22	2 20	27 22	5 12	11 6	1 54	5 29	0 21	15 45	0 51	19 46	1 27	18 1	1 20	8 12	0 48	6 45	1 55	1 28	12 33	3 33	3 39	11 17		n.a.
S 23	1 56	28 51	5 18	10 41	1 58	6 1	0 18	15 59	0 52	19 47	1 27	18 2	1 20	8 13	0 48	6 46	1 55	1 27	12 33	3 33	3 40	11 13		n.a.
M24	1 32	28 39	5 6	10 14	2 1	6 32	0 16	16 14	0 53	19 47	1 27	18 4	1 20	8 14	0 48	6 47	1 55	1 27	12 34	3 33	3 41	11 10		n.a.
T 25	1 8	26 39	4 36	9 43	2 3	7 3	0 13	16 28	0 53	19 48	1 27	18 5	1 20	8 14	0 48	6 48	1 55	1 26	12 34	3 33	3 43	11 7		n.a.
W26	0 44	22 54	3 49	9 10	2 4	7 34	0 11	16 43	0 54	19 49	1 27	18 6	1 20	8 15	0 48	6 49	1 55	1 26	12 34	3 33	3 44	11 4		n.a.
T 27	0 20	17 38	2 45	8 36	2 4	8 5	0 8	16 57	0 54	19 49	1 27	18 7	1 19	8 16	0 48	6 49	1 55	1 26	12 34	3 33	3 45	11 0		n.a.
F 28	0s 4	11 13	1 29	7 59	2 3	8 36	0 6	17 11	0 55	19 49	1 26	18 9	1 19	8 17	0 48	6 50	1 55	1 25	12 34	3 32	3 47	10 57		n.a.
S 29	0 29	4 7	0 7	7 21	2 2	9 6	0 3	17 25	0 55	19 50	1 26	18 10	1 19	8 18	0 48	6 51	1 55	1 25	12 34	3 32	3 48	10 54		n.a.
S 30	0s53	3n11	1n16	6n42	2n 0	9s36	0n 0	17s39	0s56	19s50	1s26	18s12	1n19	8s19	0s48	6s52	1n55	1n24	12s34	3s32	3s49	10n51		n.a.

Julian Day Number = 1597481.5, Delta T = 04h01m17s
Ecliptic obliquity = 23°44'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'26, Lahiri = - 8°38'25 Julian Calendar 1 Sept. 340 BCE == Greg. Calendar 27 Aug. 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

OCTOBER 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 19 42	3♎11'25	19♈57	19♍26	25♎44	16♏30	8°R 8	25♏58	10°R51	21♎56	4°R42	21°R10	20♓26	5♍37	n.a.	M 1
T 2	0 23 39	4°11'38	4♉33	21° 2	26°59	17°15	8♒ 7	26° 3	10♓49	21°58	4♉41	21♓ 8	20°22	5°44	n.a.	T 2
W 3	0 27 35	5°11'52	18°46	22°39	28°13	18° 0	8° 6	26° 8	10°47	22° 1	4°40	21° 7	20°19	5°51	n.a.	W 3
T 4	0 31 32	6°12'09	2♊32	24°17	29°28	18°45	8° 5	26°14	10°45	22° 3	4°39	21° 5	20°16	5°57	n.a.	T 4
F 5	0 35 28	7°12'28	15°51	25°55	0♏42	19°30	8° 4	26°19	10°43	22° 5	4°38	21° 3	20°13	6° 4	n.a.	F 5
S 6	0 39 25	8°12'49	28°44	27°33	1°57	20°15	8° 3	26°24	10°41	22° 7	4°37	21° 2	20°10	6°11	n.a.	S 6
S 7	0 43 21	9°13'13	11♋15	29°11	3°11	21° 0	8° 3	26°30	10°39	22° 9	4°36	21°D 2	20° 7	6°17	n.a.	S 7
M 8	0 47 18	10°13'38	23°28	0♎49	4°26	21°46	8° 2	26°35	10°37	22°12	4°35	21° 2	20° 3	6°24	n.a.	M 8
T 9	0 51 15	11°14'05	5♌28	2°27	5°40	22°31	8°D 2	26°41	10°35	22°14	4°34	21° 4	20° 0	6°31	n.a.	T 9
W10	0 55 11	12°14'34	17°19	4° 5	6°55	23°17	8° 3	26°46	10°33	22°16	4°33	21° 5	19°57	6°37	n.a.	W10
T 11	0 59 8	13°15'06	29° 7	5°43	8° 9	24° 2	8° 3	26°52	10°31	22°18	4°32	21° 7	19°54	6°44	n.a.	T 11
F 12	1 3 4	14°15'38	10♍54	7°20	9°24	24°48	8° 4	26°58	10°29	22°20	4°31	21° 8	19°51	6°51	n.a.	F 12
S 13	1 7 1	15°16'13	22°45	8°58	10°38	25°33	8° 4	27° 4	10°27	22°23	4°30	21°R 9	19°48	6°57	n.a.	S 13
S 14	1 10 57	16°16'50	4♎42	10°35	11°53	26°19	8° 5	27° 9	10°25	22°25	4°29	21° 8	19°44	7° 4	n.a.	S 14
M15	1 14 54	17°17'28	16°47	12°12	13° 7	27° 5	8° 6	27°15	10°23	22°27	4°28	21° 6	19°41	7°10	n.a.	M15
T 16	1 18 50	18°18'08	29° 3	13°48	14°22	27°50	8° 8	27°21	10°21	22°29	4°27	21° 2	19°38	7°17	n.a.	T 16
W17	1 22 47	19°18'49	11♏30	15°25	15°36	28°36	8° 9	27°27	10°20	22°32	4°26	20°58	19°35	7°24	n.a.	W17
T 18	1 26 43	20°19'32	24° 9	17° 1	16°50	29°22	8°11	27°33	10°18	22°34	4°25	20°52	19°32	7°30	n.a.	T 18
F 19	1 30 40	21°20'16	7♐ 1	18°37	18° 5	0♐ 8	8°13	27°39	10°16	22°36	4°24	20°47	19°28	7°37	n.a.	F 19
S 20	1 34 37	22°21'02	20° 6	20°12	19°19	0°54	8°16	27°46	10°15	22°38	4°22	20°43	19°25	7°44	n.a.	S 20
S 21	1 38 33	23°21'49	3♑26	21°48	20°33	1°40	8°18	27°52	10°13	22°41	4°21	20°40	19°22	7°50	n.a.	S 21
M22	1 42 30	24°22'37	17° 0	23°23	21°48	2°26	8°21	27°58	10°12	22°43	4°20	20°38	19°19	7°57	n.a.	M22
T 23	1 46 26	25°23'26	0♒51	24°58	23° 2	3°12	8°23	28° 4	10°10	22°45	4°19	20°D38	19°16	8° 4	n.a.	T 23
W24	1 50 23	26°24'16	14°56	26°33	24°16	3°59	8°26	28°10	10° 9	22°48	4°18	20°39	19°13	8°10	n.a.	W24
T 25	1 54 19	27°25'07	29°17	28° 7	25°31	4°45	8°30	28°17	10° 7	22°50	4°17	20°41	19° 9	8°17	n.a.	T 25
F 26	1 58 16	28°25'59	13♓50	29°42	26°45	5°31	8°33	28°23	10° 6	22°52	4°16	20°R42	19° 6	8°24	n.a.	F 26
S 27	2 2 13	29°26'52	28°31	1♏16	27°59	6°17	8°37	28°30	10° 4	22°54	4°15	20°42	19° 3	8°30	n.a.	S 27
S 28	2 6 9	0♏27'46	13♈16	2°51	29°13	7° 4	8°40	28°36	10° 3	22°56	4°13	20°40	19° 0	8°37	n.a.	S 28
M29	2 10 6	1°28'42	27°56	4°25	0♐28	7°50	8°44	28°43	10° 2	22°59	4°12	20°36	18°57	8°44	n.a.	M29
T 30	2 14 2	2°29'38	12♉25	5°59	1°42	8°36	8°49	28°49	10° 1	23° 1	4°11	20°30	18°54	8°50	n.a.	T 30
W31	2 17 59	3♏30'36	26♉36	7♏33	2♐56	9♐23	8♒53	28♏56	9♓59	23♎ 3	4♉10	20♓23	18♓50	8♍57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	1s17	10n15	2n33	6n 1	1n57	10s 6	0s 2	17s52	0s56	19s50	1s26	18s13	1n19	8s20	0s48	6s53	1n55	1n24	12s34	3s33	3s50	10n47			n.a.
T 2	1 41	16 37	3 38	5 20	1 54	10 36	0 5	18 6	0 57	19 51	1 26	18 14	1 19	8 20	0 48	6 54	1 55	1 24	12 34	3 33	3 52	10 44			n.a.
W 3	2 5	21 54	4 28	4 38	1 50	11 6	0 8	18 19	0 57	19 51	1 26	18 16	1 18	8 21	0 48	6 54	1 55	1 23	12 35	3 34	3 53	10 41			n.a.
T 4	2 30	25 50	5 0	3 55	1 46	11 35	0 10	18 32	0 57	19 51	1 25	18 17	1 18	8 22	0 48	6 55	1 55	1 23	12 35	3 35	3 54	10 37			n.a.
F 5	2 54	28 12	5 15	3 12	1 42	12 4	0 13	18 45	0 58	19 51	1 25	18 18	1 18	8 23	0 48	6 56	1 55	1 22	12 35	3 35	3 55	10 34			n.a.
S 6	3 18	28 58	5 14	2 28	1 37	12 33	0 16	18 58	0 58	19 51	1 25	18 20	1 18	8 24	0 48	6 57	1 55	1 22	12 35	3 36	3 57	10 31			n.a.
S 7	3 42	28 11	4 57	1 44	1 32	13 1	0 18	19 11	0 59	19 51	1 25	18 21	1 18	8 24	0 48	6 58	1 55	1 22	12 35	3 36	3 58	10 28			n.a.
M 8	4 6	26 3	4 27	1 0	1 27	13 29	0 21	19 23	0 59	19 51	1 25	18 23	1 18	8 25	0 48	6 59	1 55	1 21	12 35	3 36	3 59	10 24			n.a.
T 9	4 30	22 47	3 46	0 15	1 21	13 57	0 24	19 35	1 0	19 51	1 24	18 24	1 17	8 26	0 48	6 59	1 55	1 21	12 35	3 35	4 0	10 21			n.a.
W10	4 54	18 38	2 56	0s30	1 15	14 25	0 26	19 48	1 0	19 50	1 24	18 26	1 17	8 27	0 48	7 0	1 55	1 20	12 35	3 35	4 2	10 18			n.a.
T 11	5 18	13 47	1 59	1 14	1 9	14 52	0 29	19 59	1 0	19 50	1 24	18 27	1 17	8 27	0 48	7 1	1 55	1 20	12 35	3 34	4 3	10 14			n.a.
F 12	5 41	8 26	0 56	1 59	1 3	15 18	0 32	20 11	1 1	19 50	1 24	18 29	1 17	8 28	0 48	7 2	1 55	1 20	12 35	3 33	4 4	10 11			n.a.
S 13	6 5	2 47	0s 9	2 43	0 57	15 45	0 34	20 23	1 1	19 49	1 24	18 30	1 17	8 29	0 48	7 3	1 55	1 19	12 35	3 33	4 5	10 8			n.a.
S 14	6 29	3s 1	1 14	3 28	0 51	16 11	0 37	20 34	1 2	19 49	1 23	18 31	1 17	8 29	0 48	7 4	1 55	1 19	12 35	3 34	4 7	10 4			n.a.
M15	6 52	8 46	2 16	4 12	0 45	16 36	0 40	20 45	1 2	19 48	1 23	18 33	1 17	8 30	0 48	7 5	1 55	1 18	12 35	3 34	4 8	10 1			n.a.
T 16	7 16	14 17	3 13	4 56	0 38	17 1	0 42	20 56	1 2	19 48	1 23	18 34	1 16	8 31	0 48	7 5	1 55	1 18	12 36	3 36	4 9	9 58			n.a.
W17	7 39	19 18	4 2	5 39	0 32	17 26	0 45	21 7	1 3	19 47	1 23	18 36	1 16	8 31	0 48	7 6	1 55	1 18	12 36	3 38	4 11	9 55			n.a.
T 18	8 2	23 33	4 39	6 23	0 25	17 50	0 48	21 18	1 3	19 46	1 23	18 37	1 16	8 32	0 48	7 7	1 55	1 17	12 36	3 40	4 12	9 51			n.a.
F 19	8 25	26 44	5 4	7 6	0 18	18 14	0 50	21 28	1 3	19 46	1 22	18 39	1 16	8 33	0 48	7 8	1 55	1 17	12 36	3 42	4 13	9 48			n.a.
S 20	8 48	28 33	5 12	7 49	0 12	18 37	0 53	21 38	1 4	19 45	1 22	18 40	1 16	8 33	0 48	7 9	1 55	1 16	12 36	3 43	4 14	9 45			n.a.
S 21	9 11	28 46	5 5	8 31	0 5	19 0	0 55	21 48	1 4	19 44	1 22	18 42	1 16	8 34	0 48	7 10	1 55	1 16	12 36	3 45	4 16	9 41			n.a.
M22	9 34	27 16	4 40	9 13	0s 1	19 22	0 58	21 58	1 4	19 43	1 22	18 44	1 16	8 34	0 48	7 10	1 55	1 16	12 36	3 45	4 17	9 38			n.a.
T 23	9 56	24 6	3 59	9 54	0 8	19 44	1 0	22 7	1 5	19 42	1 22	18 45	1 16	8 35	0 48	7 11	1 55	1 15	12 36	3 45	4 18	9 35			n.a.
W24	10 19	19 28	3 3	10 35	0 14	20 5	1 3	22 16	1 5	19 41	1 21	18 47	1 15	8 35	0 48	7 12	1 55	1 15	12 36	3 45	4 19	9 31			n.a.
T 25	10 41	13 39	1 54	11 16	0 21	20 26	1 5	22 25	1 5	19 40	1 21	18 48	1 15	8 36	0 47	7 13	1 55	1 15	12 36	3 44	4 21	9 28			n.a.
F 26	11 3	7 1	0 37	11 56	0 27	20 46	1 8	22 34	1 6	19 39	1 21	18 50	1 15	8 36	0 47	7 14	1 55	1 14	12 36	3 44	4 22	9 25			n.a.
S 27	11 25	0n 3	0n42	12 35	0 34	21 6	1 10	22 43	1 6	19 38	1 21	18 51	1 15	8 37	0 47	7 15	1 55	1 14	12 36	3 44	4 23	9 21			n.a.
S 28	11 47	7 8	2 0	13 14	0 40	21 25	1 12	22 51	1 6	19 37	1 21	18 53	1 15	8 37	0 47	7 15	1 55	1 13	12 36	3 45	4 24	9 18			n.a.
M29	12 8	13 48	3 8	13 52	0 46	21 43	1 15	22 59	1 7	19 35	1 20	18 54	1 15	8 38	0 47	7 16	1 55	1 13	12 36	3 46	4 26	9 15			n.a.
T 30	12 29	19 37	4 4	14 30	0 52	22 1	1 17	23 7	1 7	19 34	1 20	18 56	1 15	8 38	0 47	7 17	1 55	1 13	12 36	3 49	4 27	9 11			n.a.
W31	12s50	24n13	4n43	15s 7	0s58	22s18	1s19	23s14	1s 7	19s33	1s20	18s57	1n15	8s39	0s47	7s18	1n55	1n12	12s36	3s51	4s28	9n 8			n.a.

Julian Day Number = 1597511.5, Delta T = 04h01m15s
Ecliptic obliquity = 23°44'21, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'22, Lahiri = - 8°38'21 Julian Calendar 1 Oct. 340 BCE == Greg. Calendar 26 Sept. 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

NOVEMBER 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 21 55	4♏31'35	10♊25	9♏ 7	4♐10	10♐ 9	8♒57	29♏ 2	9°R58	23♎ 5	4°R 9	20°R15	18♓47	9♍ 3	n.a.	T 1
F 2	2 25 52	5°32'35	23°49	10°41	5°24	10°56	9° 2	29° 9	9♓57	23° 8	4♉ 8	20♓ 8	18°44	9°10	n.a.	F 2
S 3	2 29 48	6°33'37	6♋47	12°15	6°38	11°42	9° 7	29°15	9°56	23°10	4° 7	20° 2	18°41	9°17	n.a.	S 3
S 4	2 33 45	7°34'39	19°22	13°49	7°52	12°29	9°12	29°22	9°55	23°12	4° 5	19°58	18°38	9°23	n.a.	S 4
M 5	2 37 42	8°35'43	1♌38	15°22	9° 6	13°16	9°17	29°29	9°54	23°14	4° 4	19°56	18°34	9°30	n.a.	M 5
T 6	2 41 38	9°36'49	13°38	16°56	10°20	14° 2	9°23	29°36	9°53	23°16	4° 3	19°D56	18°31	9°37	n.a.	T 6
W 7	2 45 35	10°37'55	25°30	18°30	11°34	14°49	9°29	29°42	9°53	23°19	4° 2	19°57	18°28	9°43	n.a.	W 7
T 8	2 49 31	11°39'02	7♍17	20° 4	12°48	15°36	9°34	29°49	9°52	23°21	4° 1	19°58	18°25	9°50	n.a.	T 8
F 9	2 53 28	12°40'11	19° 5	21°38	14° 2	16°23	9°40	29°56	9°51	23°23	4° 0	19°R59	18°22	9°57	n.a.	F 9
S 10	2 57 24	13°41'20	0♎59	23°12	15°16	17° 9	9°46	0♐ 3	9°50	23°25	3°59	19°58	18°19	10° 3	n.a.	S 10
S 11	3 1 21	14°42'30	13° 2	24°46	16°30	17°56	9°53	0°10	9°50	23°27	3°57	19°56	18°15	10°10	n.a.	S 11
M12	3 5 17	15°43'42	25°19	26°19	17°44	18°43	9°59	0°16	9°49	23°29	3°56	19°50	18°12	10°17	n.a.	M12
T 13	3 9 14	16°44'54	7♏49	27°53	18°58	19°30	10° 6	0°23	9°48	23°32	3°55	19°42	18° 9	10°23	n.a.	T 13
W14	3 13 11	17°46'06	20°36	29°27	20°12	20°17	10°13	0°30	9°48	23°34	3°54	19°32	18° 6	10°30	n.a.	W14
T 15	3 17 7	18°47'20	3♐37	1♐ 1	21°26	21° 4	10°20	0°37	9°47	23°36	3°53	19°21	18° 3	10°37	n.a.	T 15
F 16	3 21 4	19°48'34	16°52	2°34	22°40	21°51	10°27	0°44	9°47	23°38	3°52	19°10	17°59	10°43	n.a.	F 16
S 17	3 25 0	20°49'48	0♑20	4° 7	23°53	22°38	10°34	0°51	9°47	23°40	3°51	19° 0	17°56	10°50	n.a.	S 17
S 18	3 28 57	21°51'03	13°57	5°41	25° 7	23°25	10°42	0°58	9°46	23°42	3°50	18°52	17°53	10°56	n.a.	S 18
M19	3 32 53	22°52'18	27°43	7°13	26°21	24°12	10°49	1° 5	9°46	23°44	3°49	18°47	17°50	11° 3	n.a.	M19
T 20	3 36 50	23°53'33	11♒36	8°46	27°34	24°59	10°57	1°12	9°46	23°46	3°48	18°44	17°47	11°10	n.a.	T 20
W21	3 40 47	24°54'47	25°36	10°17	28°48	25°46	11° 5	1°19	9°46	23°48	3°47	18°D43	17°44	11°16	n.a.	W21
T 22	3 44 43	25°56'02	9♓42	11°48	0♑ 2	26°33	11°13	1°26	9°46	23°50	3°46	18°44	17°40	11°23	n.a.	T 22
F 23	3 48 40	26°57'17	23°53	13°19	1°15	27°20	11°21	1°33	9°D46	23°52	3°44	18°R44	17°37	11°30	n.a.	F 23
S 24	3 52 36	27°58'32	8♈ 8	14°48	2°29	28° 7	11°30	1°40	9°46	23°54	3°43	18°42	17°34	11°36	n.a.	S 24
S 25	3 56 33	28°59'47	22°25	16°16	3°42	28°55	11°38	1°47	9°46	23°56	3°42	18°39	17°31	11°43	n.a.	S 25
M26	4 0 29	0♐ 1'01	6♉39	17°42	4°56	29°42	11°47	1°54	9°46	23°58	3°41	18°32	17°28	11°50	n.a.	M26
T 27	4 4 26	1° 2'16	20°46	19° 7	6° 9	0♑29	11°56	2° 1	9°46	24° 0	3°40	18°22	17°25	11°56	n.a.	T 27
W28	4 8 22	2° 3'31	4♊40	20°29	7°22	1°16	12° 5	2° 8	9°46	24° 2	3°39	18°10	17°21	12° 3	n.a.	W28
T 29	4 12 19	3° 4'46	18°18	21°49	8°36	2° 3	12°14	2°15	9°47	24° 3	3°38	17°57	17°18	12°10	n.a.	T 29
F 30	4 16 16	4♐ 6'01	1♋36	23♐ 6	9♑49	2♑50	12♒23	2♐22	9♓47	24♎ 5	3♉37	17♓45	17♓15	12♍16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s11	27n18	5n 4	15s43	1s 4	22s34	1s21	23s22	1s 7	19s31	1s20	18s59	1n15	8s39	0s47	7s19	1n55	1n12	12s36	3s54	4s29	9n 5		n.a.
F 2	13 32	28 43	5 8	16 19	1 10	22 50	1 23	23 29	1 8	19 30	1 20	19 0	1 14	8 40	0 47	7 20	1 55	1 12	12 36	3 57	4 31	9 1		n.a.
S 3	13 52	28 29	4 56	16 54	1 15	23 5	1 25	23 35	1 8	19 28	1 19	19 2	1 14	8 40	0 47	7 20	1 55	1 11	12 35	4 0	4 32	8 58		n.a.
S 4	14 13	26 46	4 29	17 28	1 21	23 20	1 27	23 42	1 8	19 27	1 19	19 4	1 14	8 40	0 47	7 21	1 55	1 11	12 35	4 1	4 33	8 55		n.a.
M 5	14 33	23 48	3 51	18 1	1 26	23 34	1 29	23 48	1 8	19 25	1 19	19 5	1 14	8 41	0 47	7 22	1 55	1 11	12 35	4 2	4 34	8 51		n.a.
T 6	14 52	19 52	3 3	18 33	1 31	23 47	1 31	23 54	1 8	19 24	1 19	19 7	1 14	8 41	0 47	7 23	1 55	1 10	12 35	4 2	4 36	8 48		n.a.
W 7	15 12	15 11	2 8	19 5	1 36	23 59	1 33	24 0	1 9	19 22	1 19	19 8	1 14	8 41	0 47	7 24	1 55	1 10	12 35	4 2	4 37	8 45		n.a.
T 8	15 31	10 0	1 8	19 35	1 40	24 11	1 35	24 5	1 9	19 20	1 18	19 10	1 14	8 41	0 47	7 24	1 55	1 10	12 35	4 1	4 38	8 41		n.a.
F 9	15 50	4 27	0 5	20 5	1 45	24 22	1 37	24 11	1 9	19 18	1 18	19 11	1 14	8 42	0 47	7 25	1 55	1 10	12 35	4 1	4 39	8 38		n.a.
S 10	16 9	1s17	0s59	20 33	1 49	24 33	1 38	24 15	1 9	19 16	1 18	19 13	1 14	8 42	0 47	7 26	1 55	1 9	12 35	4 1	4 41	8 35		n.a.
S 11	16 27	7 3	2 1	21 1	1 53	24 42	1 40	24 20	1 9	19 15	1 18	19 14	1 14	8 42	0 47	7 27	1 55	1 9	12 35	4 2	4 42	8 31		n.a.
M12	16 45	12 40	2 58	21 27	1 56	24 51	1 42	24 24	1 10	19 13	1 18	19 16	1 13	8 42	0 47	7 28	1 55	1 9	12 35	4 4	4 43	8 28		n.a.
T 13	17 3	17 52	3 47	21 53	2 0	24 59	1 43	24 28	1 10	19 11	1 17	19 18	1 13	8 43	0 47	7 28	1 55	1 8	12 35	4 8	4 45	8 25		n.a.
W14	17 21	22 24	4 26	22 17	2 3	25 6	1 44	24 32	1 10	19 9	1 17	19 19	1 13	8 43	0 47	7 29	1 55	1 8	12 35	4 12	4 46	8 21		n.a.
T 15	17 38	25 55	4 53	22 40	2 5	25 13	1 46	24 36	1 10	19 6	1 17	19 21	1 13	8 43	0 47	7 30	1 55	1 8	12 35	4 16	4 47	8 18		n.a.
F 16	17 55	28 7	5 3	23 1	2 8	25 19	1 47	24 39	1 10	19 4	1 17	19 22	1 13	8 43	0 47	7 31	1 55	1 8	12 34	4 20	4 48	8 14		n.a.
S 17	18 11	28 42	4 58	23 22	2 10	25 24	1 48	24 42	1 10	19 2	1 17	19 24	1 13	8 43	0 47	7 31	1 55	1 7	12 34	4 24	4 50	8 11		n.a.
S 18	18 27	27 34	4 35	23 40	2 11	25 28	1 50	24 45	1 10	19 0	1 16	19 25	1 13	8 43	0 47	7 32	1 55	1 7	12 34	4 27	4 51	8 8		n.a.
M19	18 43	24 45	3 57	23 58	2 12	25 32	1 51	24 47	1 10	18 58	1 16	19 27	1 13	8 43	0 47	7 33	1 55	1 7	12 34	4 30	4 52	8 4		n.a.
T 20	18 59	20 28	3 4	24 14	2 13	25 35	1 52	24 49	1 11	18 55	1 16	19 28	1 13	8 43	0 47	7 34	1 55	1 7	12 34	4 31	4 53	8 1		n.a.
W21	19 14	15 1	2 0	24 28	2 13	25 37	1 53	24 51	1 11	18 53	1 16	19 30	1 13	8 43	0 46	7 34	1 55	1 6	12 34	4 31	4 55	7 58		n.a.
T 22	19 29	8 46	0 48	24 41	2 13	25 38	1 53	24 52	1 11	18 50	1 16	19 31	1 13	8 43	0 46	7 35	1 55	1 6	12 34	4 31	4 56	7 54		n.a.
F 23	19 43	2 2	0n27	24 51	2 12	25 38	1 54	24 53	1 11	18 48	1 16	19 33	1 13	8 43	0 46	7 36	1 55	1 6	12 34	4 31	4 57	7 51		n.a.
S 24	19 57	4n49	1 41	25 1	2 10	25 38	1 55	24 54	1 11	18 45	1 15	19 34	1 12	8 43	0 46	7 36	1 55	1 6	12 33	4 31	4 58	7 48		n.a.
S 25	20 11	11 26	2 49	25 8	2 8	25 37	1 56	24 55	1 11	18 43	1 15	19 36	1 12	8 43	0 46	7 37	1 55	1 6	12 33	4 33	5 0	7 44		n.a.
M26	20 24	17 26	3 45	25 14	2 5	25 35	1 56	24 55	1 11	18 40	1 15	19 37	1 12	8 43	0 46	7 38	1 55	1 5	12 33	4 36	5 1	7 41		n.a.
T 27	20 37	22 27	4 27	25 18	2 1	25 32	1 57	24 55	1 11	18 38	1 15	19 39	1 12	8 43	0 46	7 38	1 55	1 5	12 33	4 39	5 2	7 37		n.a.
W28	20 50	26 8	4 53	25 20	1 56	25 29	1 57	24 55	1 11	18 35	1 15	19 40	1 12	8 43	0 46	7 39	1 55	1 5	12 33	4 44	5 3	7 34		n.a.
T 29	21 2	28 13	5 1	25 20	1 51	25 24	1 57	24 54	1 11	18 32	1 15	19 42	1 12	8 43	0 46	7 40	1 55	1 5	12 33	4 49	5 5	7 31		n.a.
F 30	21s14	28n36	4n53	25s18	1s45	25s19	1s58	24s53	1s11	18s29	1s14	19s43	1n12	8s42	0s46	7s40	1n55	1n 5	12s32	4s54	5s 6	7n27		n.a.

Julian Day Number = 1597542.5, Delta T = 04h01m14s
Ecliptic obliquity = 23°44'20, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'18, Lahiri = - 8°38'17 Julian Calendar 1 Nov. 340 BCE == Greg. Calendar 27 Oct. 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 340 BCE
geocentric

DECEMBER 340 BCE (-339) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 20 12	5♐ 7'16	14♋32	24♐19	11♑ 2	3♑38	12♒32	2♐29	9♓47	24♎ 7	3°R36	17°R34	17♓12	12♍23	n.a.	S 1
S 2	4 24 9	6° 8'31	27° 7	25°28	12°15	4°25	12°42	2°36	9°48	24° 9	3♉36	17♓26	17° 9	12°30	n.a.	S 2
M 3	4 28 5	7° 9'46	9♌24	26°32	13°28	5°12	12°51	2°43	9°48	24°11	3°35	17°20	17° 5	12°36	n.a.	M 3
T 4	4 32 2	8°11'02	21°26	27°30	14°41	5°59	13° 1	2°50	9°49	24°12	3°34	17°17	17° 2	12°43	n.a.	T 4
W 5	4 35 58	9°12'17	3♍18	28°22	15°54	6°47	13°11	2°57	9°49	24°14	3°33	17°16	16°59	12°49	n.a.	W 5
T 6	4 39 55	10°13'32	15° 6	29° 7	17° 7	7°34	13°21	3° 4	9°50	24°16	3°32	17°16	16°56	12°56	n.a.	T 6
F 7	4 43 51	11°14'47	26°55	29°44	18°20	8°21	13°31	3°11	9°51	24°18	3°31	17°16	16°53	13° 3	n.a.	F 7
S 8	4 47 48	12°16'03	8♎50	0♑11	19°33	9° 8	13°41	3°18	9°51	24°19	3°30	17°14	16°50	13° 9	n.a.	S 8
S 9	4 51 45	13°17'18	20°57	0°28	20°45	9°56	13°52	3°25	9°52	24°21	3°29	17°11	16°46	13°16	n.a.	S 9
M10	4 55 41	14°18'33	3♏20	0°R35	21°58	10°43	14° 2	3°32	9°53	24°23	3°28	17° 4	16°43	13°23	n.a.	M10
T 11	4 59 38	15°19'47	16° 1	0°30	23°11	11°30	14°13	3°39	9°54	24°24	3°28	16°55	16°40	13°29	n.a.	T 11
W12	5 3 34	16°21'02	29° 4	0°14	24°23	12°18	14°23	3°46	9°55	24°26	3°27	16°43	16°37	13°36	n.a.	W12
T 13	5 7 31	17°22'16	12♐26	29♐46	25°36	13° 5	14°34	3°53	9°56	24°27	3°26	16°30	16°34	13°43	n.a.	T 13
F 14	5 11 27	18°23'30	26° 6	29° 6	26°48	13°52	14°45	4° 0	9°57	24°29	3°25	16°16	16°31	13°49	n.a.	F 14
S 15	5 15 24	19°24'42	10♑ 0	28°15	28° 0	14°40	14°56	4° 7	9°58	24°30	3°24	16° 4	16°27	13°56	n.a.	S 15
S 16	5 19 21	20°25'55	24° 4	27°16	29°13	15°27	15° 7	4°14	9°59	24°32	3°24	15°54	16°24	14° 3	n.a.	S 16
M17	5 23 17	21°27'06	8♒14	26° 8	0♒25	16°14	15°18	4°20	10° 0	24°33	3°23	15°47	16°21	14° 9	n.a.	M17
T 18	5 27 14	22°28'16	22°24	24°55	1°37	17° 1	15°30	4°27	10° 1	24°35	3°22	15°43	16°18	14°16	n.a.	T 18
W19	5 31 10	23°29'25	6♓34	23°38	2°49	17°49	15°41	4°34	10° 3	24°36	3°22	15°41	16°15	14°23	n.a.	W19
T 20	5 35 7	24°30'34	20°40	22°20	4° 1	18°36	15°53	4°41	10° 4	24°37	3°21	15°41	16°11	14°29	n.a.	T 20
F 21	5 39 3	25°31'40	4♈43	21° 4	5°13	19°23	16° 4	4°48	10° 5	24°39	3°20	15°41	16° 8	14°36	n.a.	F 21
S 22	5 43 0	26°32'46	18°41	19°51	6°24	20°10	16°16	4°54	10° 7	24°40	3°20	15°40	16° 5	14°42	n.a.	S 22
S 23	5 46 56	27°33'51	2♉35	18°44	7°36	20°58	16°28	5° 1	10° 8	24°41	3°19	15°36	16° 2	14°49	n.a.	S 23
M24	5 50 53	28°34'54	16°22	17°43	8°48	21°45	16°40	5° 8	10°10	24°43	3°18	15°29	15°59	14°56	n.a.	M24
T 25	5 54 50	29°35'56	0♊ 1	16°50	9°59	22°32	16°52	5°14	10°11	24°44	3°18	15°19	15°56	15° 2	n.a.	T 25
W26	5 58 46	0♑36'58	13°30	16° 6	11°10	23°19	17° 4	5°21	10°13	24°45	3°17	15° 7	15°52	15° 9	n.a.	W26
T 27	6 2 43	1°37'58	26°46	15°31	12°22	24° 6	17°16	5°27	10°15	24°46	3°17	14°54	15°49	15°16	n.a.	T 27
F 28	6 6 39	2°38'57	9♋47	15° 4	13°33	24°54	17°28	5°34	10°16	24°47	3°16	14°42	15°46	15°22	n.a.	F 28
S 29	6 10 36	3°39'55	22°31	14°47	14°44	25°41	17°40	5°41	10°18	24°48	3°16	14°30	15°43	15°29	n.a.	S 29
S 30	6 14 32	4°40'52	5♌ 0	14°37	15°55	26°28	17°53	5°47	10°20	24°49	3°15	14°21	15°40	15°36	n.a.	S 30
M31	6 18 29	5♑41'47	17♌13	14°D36	17♒ 5	27♑15	18♒ 5	5♐53	10♓22	24♎50	3♉15	14♓15	15♓37	15♍42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s25	27n23	4n29	25s14	1s37	25s14	1s58	24s52	1s11	18s26	1s14	19s45	1n12	8s42	0s46	7s41	1n55	1n 5	12s32	4s58	5s 7	7n24		n.a.
S 2	21 36	24 48	3 53	25 8	1 29	25 7	1 58	24 51	1 11	18 24	1 14	19 46	1 12	8 42	0 46	7 42	1 55	1 4	12 32	5 2	5 8	7 20		n.a.
M 3	21 47	21 7	3 6	25 1	1 19	25 0	1 58	24 49	1 11	18 21	1 14	19 47	1 12	8 42	0 46	7 42	1 55	1 4	12 32	5 4	5 10	7 17		n.a.
T 4	21 57	16 37	2 12	24 52	1 9	24 52	1 58	24 47	1 11	18 18	1 14	19 49	1 12	8 42	0 46	7 43	1 56	1 4	12 32	5 5	5 11	7 14		n.a.
W 5	22 6	11 33	1 13	24 41	0 57	24 43	1 57	24 45	1 11	18 15	1 14	19 50	1 12	8 41	0 46	7 43	1 56	1 4	12 32	5 5	5 12	7 10		n.a.
T 6	22 16	6 7	0 12	24 28	0 44	24 34	1 57	24 42	1 11	18 12	1 14	19 52	1 12	8 41	0 46	7 44	1 56	1 4	12 31	5 5	5 13	7 7		n.a.
F 7	22 24	0 28	0s51	24 14	0 30	24 23	1 57	24 39	1 11	18 9	1 13	19 53	1 12	8 41	0 46	7 45	1 56	1 4	12 31	5 5	5 15	7 4		n.a.
S 8	22 33	5s15	1 52	23 59	0 14	24 12	1 56	24 36	1 11	18 6	1 13	19 54	1 12	8 40	0 46	7 45	1 56	1 4	12 31	5 6	5 16	7 0		n.a.
S 9	22 41	10 52	2 48	23 42	0n 2	24 1	1 55	24 32	1 11	18 2	1 13	19 56	1 12	8 40	0 46	7 46	1 56	1 4	12 31	5 8	5 17	6 57		n.a.
M10	22 48	16 11	3 38	23 25	0 19	23 49	1 55	24 29	1 11	17 59	1 13	19 57	1 12	8 40	0 46	7 46	1 56	1 4	12 31	5 10	5 18	6 53		n.a.
T 11	22 55	20 57	4 18	23 6	0 38	23 36	1 54	24 24	1 11	17 56	1 13	19 59	1 12	8 39	0 46	7 47	1 56	1 3	12 30	5 14	5 20	6 50		n.a.
W12	23 2	24 51	4 46	22 48	0 57	23 22	1 53	24 20	1 11	17 53	1 13	20 0	1 11	8 39	0 46	7 47	1 56	1 3	12 30	5 19	5 21	6 47		n.a.
T 13	23 8	27 31	4 59	22 28	1 16	23 7	1 52	24 15	1 11	17 49	1 13	20 1	1 11	8 39	0 46	7 48	1 56	1 3	12 30	5 24	5 22	6 43		n.a.
F 14	23 13	28 36	4 56	22 9	1 36	22 52	1 51	24 10	1 10	17 46	1 12	20 3	1 11	8 38	0 46	7 48	1 56	1 3	12 30	5 29	5 23	6 40		n.a.
S 15	23 19	27 55	4 35	21 49	1 55	22 37	1 50	24 5	1 10	17 43	1 12	20 4	1 11	8 38	0 45	7 49	1 56	1 3	12 29	5 34	5 25	6 36		n.a.
S 16	23 23	25 27	3 57	21 30	2 13	22 21	1 49	24 0	1 10	17 39	1 12	20 5	1 11	8 37	0 45	7 49	1 56	1 3	12 29	5 38	5 26	6 33		n.a.
M17	23 28	21 24	3 4	21 11	2 30	22 4	1 47	23 54	1 10	17 36	1 12	20 7	1 11	8 37	0 45	7 50	1 56	1 3	12 29	5 40	5 27	6 30		n.a.
T 18	23 31	16 6	2 0	20 53	2 46	21 46	1 46	23 48	1 10	17 32	1 12	20 8	1 11	8 36	0 45	7 50	1 56	1 3	12 29	5 42	5 28	6 26		n.a.
W19	23 35	9 57	0 48	20 36	2 59	21 28	1 44	23 41	1 10	17 29	1 12	20 9	1 11	8 36	0 45	7 51	1 56	1 3	12 29	5 43	5 30	6 23		n.a.
T 20	23 37	3 20	0n26	20 21	3 11	21 9	1 43	23 35	1 10	17 25	1 12	20 10	1 11	8 35	0 45	7 51	1 56	1 3	12 28	5 43	5 31	6 19		n.a.
F 21	23 40	3n24	1 39	20 7	3 20	20 50	1 41	23 28	1 10	17 21	1 12	20 12	1 11	8 35	0 45	7 52	1 56	1 3	12 28	5 43	5 32	6 16		n.a.
S 22	23 42	9 57	2 45	19 55	3 26	20 30	1 39	23 21	1 10	17 18	1 11	20 13	1 11	8 34	0 45	7 52	1 56	1 3	12 28	5 43	5 33	6 13		n.a.
S 23	23 43	15 58	3 41	19 46	3 30	20 10	1 37	23 13	1 9	17 14	1 11	20 14	1 11	8 33	0 45	7 53	1 56	1 3	12 28	5 45	5 35	6 9		n.a.
M24	23 44	21 8	4 24	19 39	3 32	19 49	1 35	23 6	1 9	17 10	1 11	20 15	1 11	8 33	0 45	7 53	1 57	1 3	12 27	5 48	5 36	6 6		n.a.
T 25	23 44	25 8	4 51	19 34	3 32	19 27	1 33	22 58	1 9	17 6	1 11	20 17	1 11	8 32	0 45	7 53	1 57	1 3	12 27	5 51	5 37	6 2		n.a.
W26	23 44	27 41	5 1	19 32	3 29	19 6	1 31	22 50	1 9	17 3	1 11	20 18	1 11	8 31	0 45	7 54	1 57	1 3	12 27	5 56	5 38	5 59		n.a.
T 27	23 44	28 37	4 55	19 32	3 25	18 43	1 29	22 41	1 9	16 59	1 11	20 19	1 11	8 31	0 45	7 54	1 57	1 4	12 27	6 1	5 40	5 55		n.a.
F 28	23 43	27 55	4 33	19 35	3 20	18 20	1 26	22 32	1 8	16 55	1 11	20 20	1 11	8 30	0 45	7 55	1 57	1 4	12 26	6 6	5 41	5 52		n.a.
S 29	23 41	25 45	3 58	19 39	3 13	17 57	1 24	22 23	1 8	16 51	1 11	20 21	1 11	8 29	0 45	7 55	1 57	1 4	12 26	6 10	5 42	5 49		n.a.
S 30	23 39	22 22	3 12	19 46	3 6	17 33	1 21	22 14	1 8	16 47	1 11	20 22	1 11	8 29	0 45	7 55	1 57	1 4	12 26	6 14	5 43	5 45		n.a.
M31	23s37	18n 4	2n18	19s54	2n57	17s 9	1s18	22s 5	1s 8	16s43	1s11	20s24	1n11	8s28	0s45	7s56	1n57	1n 4	12s25	6s16	5s45	5n42		n.a.

Julian Day Number = 1597572.5, Delta T = 04h01m13s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'13, Lahiri = - 8°38'13 Julian Calendar 1 Dec. 340 BCE == Greg. Calendar 26 Nov. 340 BCE

The year -339 astronomical counting style corresponds to year 340 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

JANUARY 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 22 26	6♑42'42	29♌13	14♐43	18♒16	28♑ 2	18♒18	6♐ 0	10♓24	24♎51	3°R14	14°R12	15♓33	15♍49	n.a.	T 1
W 2	6 26 22	7°43'35	11♍ 5	14°56	19°27	28°49	18°30	6° 6	10°26	24°52	3♉14	14°D11	15°30	15°56	n.a.	W 2
T 3	6 30 19	8°44'28	22°53	15°16	20°37	29°36	18°43	6°12	10°28	24°53	3°13	14♓11	15°27	16° 2	n.a.	T 3
F 4	6 34 15	9°45'19	4♎41	15°42	21°47	0♒23	18°56	6°19	10°30	24°54	3°13	14°R11	15°24	16° 9	n.a.	F 4
S 5	6 38 12	10°46'10	16°36	16°13	22°57	1°10	19° 8	6°25	10°32	24°55	3°13	14°11	15°21	16°16	n.a.	S 5
S 6	6 42 8	11°46'59	28°42	16°49	24° 7	1°58	19°21	6°31	10°34	24°56	3°12	14°10	15°17	16°22	n.a.	S 6
M 7	6 46 5	12°47'47	11♏ 6	17°30	25°17	2°45	19°34	6°37	10°36	24°57	3°12	14° 6	15°14	16°29	n.a.	M 7
T 8	6 50 1	13°48'34	23°51	18°15	26°27	3°32	19°47	6°43	10°38	24°57	3°12	14° 0	15°11	16°35	n.a.	T 8
W 9	6 53 58	14°49'20	7♐ 0	19° 4	27°36	4°19	20° 0	6°49	10°40	24°58	3°12	13°51	15° 8	16°42	n.a.	W 9
T 10	6 57 55	15°50'05	20°33	19°57	28°46	5° 5	20°14	6°55	10°43	24°59	3°11	13°41	15° 5	16°49	n.a.	T 10
F 11	7 1 51	16°50'48	4♑30	20°52	29°55	5°52	20°27	7° 1	10°45	25° 0	3°11	13°31	15° 2	16°55	n.a.	F 11
S 12	7 5 48	17°51'30	18°46	21°51	1♓ 4	6°39	20°40	7° 7	10°47	25° 0	3°11	13°22	14°58	17° 2	n.a.	S 12
S 13	7 9 44	18°52'10	3♒16	22°52	2°13	7°26	20°53	7°13	10°50	25° 1	3°11	13°15	14°55	17° 9	n.a.	S 13
M14	7 13 41	19°52'48	17°53	23°56	3°22	8°13	21° 7	7°19	10°52	25° 1	3°10	13°10	14°52	17°15	n.a.	M14
T 15	7 17 37	20°53'25	2♓30	25° 2	4°31	9° 0	21°20	7°25	10°54	25° 2	3°10	13° 7	14°49	17°22	n.a.	T 15
W16	7 21 34	21°54'00	17° 2	26°11	5°39	9°47	21°34	7°30	10°57	25° 3	3°10	13°D 7	14°46	17°29	n.a.	W16
T 17	7 25 30	22°54'32	1♈23	27°21	6°47	10°33	21°47	7°36	10°59	25° 3	3°10	13° 8	14°43	17°35	n.a.	T 17
F 18	7 29 27	23°55'03	15°33	28°33	7°55	11°20	22° 1	7°42	11° 2	25° 3	3°10	13° 9	14°39	17°42	n.a.	F 18
S 19	7 33 24	24°55'32	29°29	29°47	9° 3	12° 7	22°15	7°47	11° 5	25° 4	3°10	13°R 9	14°36	17°49	n.a.	S 19
S 20	7 37 20	25°55'58	13♉12	1♑ 3	10°11	12°54	22°28	7°53	11° 7	25° 4	3°10	13° 7	14°33	17°55	n.a.	S 20
M21	7 41 17	26°56'23	26°42	2°20	11°18	13°40	22°42	7°58	11°10	25° 5	3°D10	13° 4	14°30	18° 2	n.a.	M21
T 22	7 45 13	27°56'46	10♊ 0	3°38	12°26	14°27	22°56	8° 3	11°12	25° 5	3°10	12°58	14°27	18° 9	n.a.	T 22
W23	7 49 10	28°57'06	23° 4	4°59	13°33	15°13	23°10	8° 9	11°15	25° 5	3°10	12°51	14°23	18°15	n.a.	W23
T 24	7 53 6	29°57'25	5♋57	6°20	14°39	16° 0	23°23	8°14	11°18	25° 5	3°10	12°43	14°20	18°22	n.a.	T 24
F 25	7 57 3	0♒57'41	18°36	7°43	15°46	16°46	23°37	8°19	11°21	25° 6	3°10	12°35	14°17	18°28	n.a.	F 25
S 26	8 0 59	1°57'56	1♌ 3	9° 7	16°52	17°33	23°51	8°24	11°23	25° 6	3°10	12°28	14°14	18°35	n.a.	S 26
S 27	8 4 56	2°58'09	13°19	10°32	17°58	18°19	24° 5	8°29	11°26	25° 6	3°10	12°23	14°11	18°42	n.a.	S 27
M28	8 8 53	3°58'20	25°24	11°59	19° 4	19° 6	24°19	8°34	11°29	25° 6	3°10	12°19	14° 8	18°48	n.a.	M28
T 29	8 12 49	4°58'29	7♍20	13°27	20°10	19°52	24°33	8°39	11°32	25° 6	3°11	12°D18	14° 4	18°55	n.a.	T 29
W30	8 16 46	5°58'36	19°10	14°56	21°15	20°39	24°47	8°44	11°35	25° 6	3°11	12°18	14° 1	19° 2	n.a.	W30
T 31	8 20 42	6♒58'41	0♎57	16♑26	22♓20	21♒25	25♒ 1	8♐49	11♓38	25°R 6	3♉11	12♓19	13♓58	19♍ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s34	13n 7	1n19	20s 4	2n48	16s44	1s16	21s55	1s 8	16s39	1s10	20s25	1n11	8s27	0s45	7s56	1n57	1n 4	12s25	6s18	5s46	5n38		n.a.	T 1
W 2	23 31	7 45	0 16	20 15	2 39	16 19	1 13	21 45	1 7	16 35	1 10	20 26	1 11	8 26	0 45	7 56	1 57	1 4	12 25	6 18	5 47	5 35		n.a.	W 2
T 3	23 27	2 9	0s46	20 27	2 29	15 54	1 10	21 35	1 7	16 31	1 10	20 27	1 11	8 26	0 45	7 56	1 57	1 4	12 25	6 18	5 48	5 32		n.a.	T 3
F 4	23 22	3s31	1 47	20 40	2 18	15 28	1 7	21 25	1 7	16 27	1 10	20 28	1 11	8 25	0 45	7 57	1 57	1 4	12 24	6 18	5 50	5 28		n.a.	F 4
S 5	23 18	9 7	2 44	20 54	2 8	15 2	1 3	21 14	1 7	16 23	1 10	20 29	1 11	8 24	0 45	7 57	1 57	1 5	12 24	6 18	5 51	5 25		n.a.	S 5
S 6	23 13	14 29	3 35	21 8	1 57	14 35	1 0	21 3	1 6	16 19	1 10	20 30	1 11	8 23	0 45	7 57	1 57	1 5	12 24	6 18	5 52	5 21		n.a.	S 6
M 7	23 7	19 24	4 16	21 22	1 47	14 9	0 57	20 52	1 6	16 14	1 10	20 31	1 11	8 22	0 45	7 57	1 57	1 5	12 23	6 20	5 53	5 18		n.a.	M 7
T 8	23 1	23 35	4 46	21 37	1 36	13 41	0 53	20 41	1 6	16 10	1 10	20 32	1 11	8 21	0 45	7 58	1 57	1 5	12 23	6 22	5 54	5 14		n.a.	T 8
W 9	22 54	26 43	5 3	21 51	1 26	13 14	0 50	20 29	1 6	16 6	1 10	20 33	1 11	8 21	0 45	7 58	1 57	1 5	12 23	6 26	5 56	5 11		n.a.	W 9
T 10	22 47	28 26	5 3	22 6	1 15	12 46	0 46	20 17	1 5	16 2	1 10	20 34	1 11	8 20	0 45	7 58	1 58	1 5	12 23	6 29	5 57	5 8		n.a.	T 10
F 11	22 40	28 24	4 45	22 20	1 5	12 18	0 43	20 5	1 5	15 57	1 10	20 35	1 11	8 19	0 44	7 58	1 58	1 6	12 22	6 33	5 58	5 4		n.a.	F 11
S 12	22 32	26 31	4 9	22 34	0 55	11 50	0 39	19 53	1 5	15 53	1 10	20 36	1 11	8 18	0 44	7 58	1 58	1 6	12 22	6 37	5 59	5 1		n.a.	S 12
S 13	22 23	22 51	3 17	22 48	0 45	11 21	0 35	19 41	1 5	15 48	1 10	20 37	1 11	8 17	0 44	7 59	1 58	1 6	12 22	6 40	6 1	4 57		n.a.	S 13
M14	22 15	17 44	2 11	23 1	0 35	10 53	0 31	19 28	1 4	15 44	1 10	20 38	1 11	8 16	0 44	7 59	1 58	1 6	12 21	6 42	6 2	4 54		n.a.	M14
T 15	22 6	11 36	0 57	23 13	0 25	10 24	0 27	19 16	1 4	15 40	1 9	20 39	1 11	8 15	0 44	7 59	1 58	1 6	12 21	6 43	6 3	4 50		n.a.	T 15
W16	21 56	4 52	0n21	23 25	0 16	9 54	0 23	19 3	1 4	15 35	1 9	20 40	1 11	8 14	0 44	7 59	1 58	1 7	12 21	6 43	6 4	4 47		n.a.	W16
T 17	21 46	2n 2	1 37	23 36	0 7	9 25	0 19	18 49	1 3	15 31	1 9	20 41	1 11	8 13	0 44	7 59	1 58	1 7	12 21	6 43	6 6	4 44		n.a.	T 17
F 18	21 36	8 44	2 46	23 46	0s 2	8 55	0 14	18 36	1 3	15 26	1 9	20 42	1 11	8 12	0 44	7 59	1 58	1 7	12 20	6 42	6 7	4 40		n.a.	F 18
S 19	21 25	14 54	3 44	23 55	0 11	8 26	0 10	18 23	1 3	15 22	1 9	20 43	1 11	8 11	0 44	7 59	1 58	1 7	12 20	6 42	6 8	4 37		n.a.	S 19
S 20	21 13	20 14	4 28	24 3	0 19	7 56	0 6	18 9	1 2	15 17	1 9	20 44	1 11	8 10	0 44	7 59	1 58	1 8	12 20	6 43	6 9	4 33		n.a.	S 20
M21	21 2	24 27	4 56	24 10	0 27	7 26	0 1	17 55	1 2	15 12	1 9	20 44	1 11	8 9	0 44	7 59	1 58	1 8	12 19	6 44	6 11	4 30		n.a.	M21
T 22	20 50	27 18	5 8	24 17	0 35	6 56	0n 4	17 41	1 2	15 8	1 9	20 45	1 11	8 8	0 44	8 0	1 58	1 8	12 19	6 46	6 12	4 26		n.a.	T 22
W23	20 38	28 36	5 4	24 22	0 43	6 25	0 8	17 27	1 1	15 3	1 9	20 46	1 11	8 7	0 44	8 0	1 58	1 9	12 19	6 49	6 13	4 23		n.a.	W23
T 24	20 25	28 20	4 44	24 25	0 50	5 55	0 13	17 12	1 1	14 59	1 9	20 47	1 11	8 6	0 44	8 0	1 58	1 9	12 19	6 52	6 14	4 19		n.a.	T 24
F 25	20 12	26 33	4 10	24 28	0 57	5 25	0 18	16 58	1 1	14 54	1 9	20 48	1 11	8 5	0 44	8 0	1 59	1 9	12 18	6 55	6 16	4 16		n.a.	F 25
S 26	19 58	23 30	3 25	24 29	1 4	4 54	0 23	16 43	1 0	14 49	1 9	20 49	1 11	8 3	0 44	8 0	1 59	1 9	12 18	6 58	6 17	4 13		n.a.	S 26
S 27	19 44	19 26	2 31	24 29	1 11	4 24	0 28	16 28	1 0	14 44	1 9	20 49	1 11	8 2	0 44	8 0	1 59	1 10	12 18	7 0	6 18	4 9		n.a.	S 27
M28	19 30	14 38	1 31	24 28	1 17	3 53	0 32	16 13	0 59	14 40	1 9	20 50	1 11	8 1	0 44	8 0	1 59	1 10	12 17	7 1	6 19	4 6		n.a.	M28
T 29	19 16	9 21	0 27	24 25	1 23	3 22	0 38	15 58	0 59	14 35	1 9	20 51	1 11	8 0	0 44	8 0	1 59	1 10	12 17	7 2	6 21	4 2		n.a.	T 29
W30	19 1	3 46	0s37	24 21	1 28	2 52	0 43	15 43	0 59	14 30	1 9	20 52	1 11	7 59	0 44	8 0	1 59	1 11	12 17	7 2	6 22	3 59		n.a.	W30
T 31	18s46	1s55	1s40	24s16	1s34	2s21	0n48	15s28	0s58	14s25	1s 9	20s52	1n11	7s58	0s44	7s59	1n59	1n11	12s16	7s 1	6s23	3n55		n.a.	T 31

Julian Day Number = 1597603.5, Delta T = 04h01m12s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'09, Lahiri = - 8°38'09 Julian Calendar 1 Jan. 339 BCE == Greg. Calendar 27 Dec. 340 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

FEBRUARY 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 24 39	7♒58'44	12♎45	17♑57	23♓25	22♒11	25♒15	8♐53	11♓41	25°R 6	3♉11	12♓21	13♓55	19♍15	n.a.	F 1
S 2	8 28 35	8°58'46	24°40	19°29	24°29	22°57	25°30	8°58	11°44	25♎ 6	3°11	12°23	13°52	19°22	n.a.	S 2
S 3	8 32 32	9°58'46	6♏45	21° 3	25°33	23°44	25°44	9° 3	11°47	25° 6	3°12	12°R24	13°49	19°28	n.a.	S 3
M 4	8 36 28	10°58'45	19° 6	22°38	26°37	24°30	25°58	9° 7	11°50	25° 6	3°12	12°23	13°45	19°35	n.a.	M 4
T 5	8 40 25	11°58'41	1♐48	24°13	27°40	25°16	26°12	9°12	11°53	25° 6	3°12	12°22	13°42	19°42	n.a.	T 5
W 6	8 44 22	12°58'36	14°55	25°50	28°44	26° 2	26°27	9°16	11°56	25° 5	3°13	12°19	13°39	19°48	n.a.	W 6
T 7	8 48 18	13°58'29	28°28	27°28	29°47	26°48	26°41	9°20	11°59	25° 5	3°13	12°15	13°36	19°55	n.a.	T 7
F 8	8 52 15	14°58'21	12♑27	29° 8	0♈49	27°34	26°55	9°24	12° 2	25° 5	3°13	12°11	13°33	20° 2	n.a.	F 8
S 9	8 56 11	15°58'10	26°52	0♒48	1°51	28°20	27° 9	9°28	12° 5	25° 5	3°14	12° 7	13°29	20° 8	n.a.	S 9
S 10	9 0 8	16°57'58	11♒36	2°30	2°53	29° 6	27°24	9°32	12° 9	25° 4	3°14	12° 4	13°26	20°15	n.a.	S 10
M11	9 4 4	17°57'43	26°32	4°12	3°55	29°52	27°38	9°36	12°12	25° 4	3°15	12° 2	13°23	20°21	n.a.	M11
T 12	9 8 1	18°57'26	11♓33	5°56	4°56	0♓38	27°52	9°40	12°15	25° 4	3°15	12°D 1	13°20	20°28	n.a.	T 12
W13	9 11 57	19°57'06	26°29	7°41	5°56	1°23	28° 7	9°44	12°18	25° 3	3°16	12° 2	13°17	20°35	n.a.	W13
T 14	9 15 54	20°56'45	11♈13	9°28	6°57	2° 9	28°21	9°48	12°21	25° 3	3°16	12° 3	13°14	20°41	n.a.	T 14
F 15	9 19 51	21°56'21	25°40	11°15	7°56	2°55	28°36	9°51	12°25	25° 2	3°17	12° 4	13°10	20°48	n.a.	F 15
S 16	9 23 47	22°55'54	9♉48	13° 4	8°56	3°41	28°50	9°55	12°28	25° 2	3°17	12° 5	13° 7	20°55	n.a.	S 16
S 17	9 27 44	23°55'26	23°34	14°54	9°55	4°26	29° 5	9°58	12°31	25° 1	3°18	12°R 6	13° 4	21° 1	n.a.	S 17
M18	9 31 40	24°54'55	6♊59	16°46	10°53	5°12	29°19	10° 2	12°34	25° 1	3°18	12° 5	13° 1	21° 8	n.a.	M18
T 19	9 35 37	25°54'21	20° 6	18°38	11°51	5°57	29°33	10° 5	12°38	25° 0	3°19	12° 4	12°58	21°15	n.a.	T 19
W20	9 39 33	26°53'45	2♋55	20°32	12°49	6°43	29°48	10° 8	12°41	24°59	3°20	12° 2	12°55	21°21	n.a.	W20
T 21	9 43 30	27°53'07	15°30	22°27	13°46	7°28	0♓ 2	10°11	12°44	24°59	3°20	12° 0	12°51	21°28	n.a.	T 21
F 22	9 47 26	28°52'26	27°51	24°23	14°42	8°14	0°17	10°14	12°48	24°58	3°21	11°58	12°48	21°35	n.a.	F 22
S 23	9 51 23	29°51'43	10♌ 3	26°21	15°38	8°59	0°31	10°17	12°51	24°57	3°22	11°56	12°45	21°41	n.a.	S 23
S 24	9 55 19	0♓50'57	22° 5	28°19	16°33	9°44	0°46	10°20	12°54	24°56	3°22	11°55	12°42	21°48	n.a.	S 24
M25	9 59 16	1°50'10	4♍ 1	0♓19	17°28	10°30	1° 0	10°23	12°58	24°56	3°23	11°55	12°39	21°54	n.a.	M25
T 26	10 3 13	2°49'20	15°51	2°20	18°22	11°15	1°14	10°26	13° 1	24°55	3°24	11°D54	12°35	22° 1	n.a.	T 26
W27	10 7 9	3°48'28	27°40	4°21	19°16	12° 0	1°29	10°28	13° 5	24°54	3°24	11°55	12°32	22° 8	n.a.	W27
T 28	10 11 6	4♓47'34	9♎27	6♓24	20♈ 8	12♓45	1♓43	10♐31	13♓ 8	24♎53	3♉25	11♓55	12♓29	22♍14	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s30	7s32	2s39	24s 9	1s38	1s50	0n53	15s12	0s58	14s20	1s 9	20s53	1n11	7s57	0s44	7s59	1n59	1n11	12s16	7s 1	6s24	3n52		n.a.
S 2	18 14	12 56	3 31	24 0	1 43	1 20	0 58	14 56	0 58	14 16	1 9	20 54	1 11	7 55	0 44	7 59	1 59	1 12	12 16	7 0	6 25	3 49		n.a.
S 3	17 58	17 57	4 15	23 50	1 47	0 49	1 4	14 41	0 57	14 11	1 9	20 54	1 11	7 54	0 44	7 59	1 59	1 12	12 16	7 0	6 27	3 45		n.a.
M 4	17 42	22 20	4 48	23 38	1 51	0 19	1 9	14 25	0 57	14 6	1 9	20 55	1 11	7 53	0 44	7 59	1 59	1 13	12 15	7 0	6 28	3 42		n.a.
T 5	17 25	25 48	5 8	23 25	1 54	0n12	1 14	14 9	0 56	14 1	1 9	20 56	1 12	7 52	0 44	7 59	1 59	1 13	12 15	7 0	6 29	3 38		n.a.
W 6	17 8	28 3	5 13	23 10	1 57	0 42	1 20	13 52	0 56	13 56	1 9	20 56	1 12	7 51	0 44	7 59	1 59	1 13	12 15	7 2	6 30	3 35		n.a.
T 7	16 50	28 45	5 1	22 53	2 0	1 13	1 25	13 36	0 55	13 51	1 9	20 57	1 12	7 49	0 44	7 59	1 59	1 14	12 14	7 3	6 32	3 31		n.a.
F 8	16 33	27 39	4 31	22 35	2 2	1 43	1 31	13 20	0 55	13 46	1 9	20 58	1 12	7 48	0 44	7 59	1 59	1 14	12 14	7 5	6 33	3 28		n.a.
S 9	16 15	24 42	3 43	22 15	2 4	2 13	1 37	13 3	0 55	13 41	1 9	20 58	1 12	7 47	0 44	7 58	2 0	1 15	12 14	7 6	6 34	3 24		n.a.
S 10	15 57	20 4	2 40	21 53	2 6	2 43	1 42	12 47	0 54	13 36	1 9	20 59	1 12	7 46	0 44	7 58	2 0	1 15	12 14	7 7	6 35	3 21		n.a.
M11	15 38	14 9	1 24	21 30	2 7	3 13	1 48	12 30	0 54	13 31	1 9	20 59	1 12	7 45	0 44	7 58	2 0	1 15	12 13	7 8	6 37	3 18		n.a.
T 12	15 20	7 22	0 3	21 4	2 7	3 43	1 54	12 13	0 53	13 26	1 9	21 0	1 12	7 43	0 44	7 58	2 0	1 16	12 13	7 8	6 38	3 14		n.a.
W13	15 1	0 13	1n19	20 37	2 7	4 13	1 59	11 56	0 53	13 21	1 9	21 0	1 12	7 42	0 44	7 58	2 0	1 16	12 13	7 8	6 39	3 11		n.a.
T 14	14 42	6n51	2 34	20 9	2 7	4 42	2 5	11 39	0 52	13 16	1 9	21 1	1 12	7 41	0 44	7 57	2 0	1 17	12 12	7 8	6 40	3 7		n.a.
F 15	14 22	13 25	3 38	19 38	2 6	5 11	2 11	11 22	0 52	13 11	1 9	21 1	1 12	7 40	0 44	7 57	2 0	1 17	12 12	7 7	6 42	3 4		n.a.
S 16	14 3	19 9	4 27	19 6	2 5	5 40	2 17	11 5	0 51	13 6	1 9	21 2	1 12	7 38	0 44	7 57	2 0	1 18	12 12	7 7	6 43	3 0		n.a.
S 17	13 43	23 44	5 0	18 31	2 3	6 9	2 23	10 48	0 51	13 1	1 9	21 2	1 12	7 37	0 44	7 57	2 0	1 18	12 12	7 7	6 44	2 57		n.a.
M18	13 23	26 55	5 15	17 55	2 1	6 38	2 28	10 30	0 51	12 56	1 9	21 3	1 12	7 36	0 44	7 56	2 0	1 18	12 11	7 7	6 45	2 53		n.a.
T 19	13 2	28 34	5 13	17 17	1 58	7 6	2 34	10 13	0 50	12 50	1 9	21 3	1 12	7 34	0 44	7 56	2 0	1 19	12 11	7 7	6 46	2 50		n.a.
W20	12 42	28 38	4 55	16 38	1 54	7 34	2 40	9 55	0 50	12 45	1 9	21 4	1 12	7 33	0 44	7 56	2 0	1 19	12 11	7 8	6 48	2 46		n.a.
T 21	12 21	27 12	4 24	15 56	1 50	8 2	2 46	9 38	0 49	12 40	1 9	21 4	1 12	7 32	0 44	7 55	2 0	1 20	12 10	7 9	6 49	2 43		n.a.
F 22	12 1	24 27	3 41	15 13	1 46	8 30	2 52	9 20	0 49	12 35	1 9	21 4	1 12	7 30	0 44	7 55	2 0	1 20	12 10	7 9	6 50	2 40		n.a.
S 23	11 40	20 38	2 48	14 28	1 41	8 57	2 58	9 3	0 48	12 30	1 9	21 5	1 12	7 29	0 44	7 55	2 0	1 21	12 10	7 10	6 51	2 36		n.a.
S 24	11 19	16 1	1 48	13 41	1 35	9 24	3 4	8 45	0 48	12 25	1 9	21 5	1 12	7 28	0 44	7 55	2 0	1 21	12 10	7 11	6 53	2 33		n.a.
M25	10 57	10 50	0 44	12 53	1 29	9 51	3 10	8 27	0 47	12 20	1 9	21 6	1 12	7 27	0 44	7 54	2 0	1 22	12 9	7 11	6 54	2 29		n.a.
T 26	10 36	5 19	0s22	12 3	1 22	10 17	3 15	8 9	0 47	12 14	1 9	21 6	1 12	7 25	0 44	7 54	2 1	1 22	12 9	7 11	6 55	2 26		n.a.
W27	10 14	0s23	1 26	11 12	1 15	10 44	3 21	7 51	0 46	12 9	1 9	21 6	1 12	7 24	0 44	7 53	2 1	1 23	12 9	7 11	6 56	2 22		n.a.
T 28	9s52	6s 3	2s27	10s19	1s 7	11n 9	3n27	7s33	0s46	12s 4	1s 9	21s 6	1n12	7s23	0s44	7s53	2n 1	1n23	12s 9	7s11	6s58	2n19		n.a.

Julian Day Number = 1597634.5, Delta T = 04h01m11s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'05, Lahiri = - 8°38'05 Julian Calendar 1 Feb. 339 BCE == Greg. Calendar 27 Jan. 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

MARCH 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 15 2	5♓46'38	21♎18	8♓27	21♈ 0	13♓30	1♓58	10♐33	13♓11	24°R52	3♉26	11♓56	12♓26	22♍21	n.a.	F 1
S 2	10 18 59	6°45'40	3♏15	10°30	21°52	14°15	2°12	10°35	13°15	24♎51	3°27	11°57	12°23	22°28	n.a.	S 2
S 3	10 22 55	7°44'41	15°22	12°34	22°42	15° 0	2°27	10°38	13°18	24°50	3°28	11°57	12°20	22°34	n.a.	S 3
M 4	10 26 52	8°43'39	27°43	14°38	23°32	15°45	2°41	10°40	13°22	24°49	3°28	11°57	12°16	22°41	n.a.	M 4
T 5	10 30 48	9°42'35	10♐21	16°42	24°22	16°30	2°55	10°42	13°25	24°48	3°29	11°R58	12°13	22°48	n.a.	T 5
W 6	10 34 45	10°41'30	23°22	18°45	25°10	17°15	3°10	10°44	13°28	24°47	3°30	11°57	12°10	22°54	n.a.	W 6
T 7	10 38 42	11°40'23	6♑47	20°48	25°57	18° 0	3°24	10°46	13°32	24°46	3°31	11°D57	12° 7	23° 1	n.a.	T 7
F 8	10 42 38	12°39'14	20°39	22°50	26°44	18°44	3°38	10°47	13°35	24°45	3°32	11°57	12° 4	23° 8	n.a.	F 8
S 9	10 46 35	13°38'04	4♒58	24°50	27°30	19°29	3°53	10°49	13°39	24°44	3°33	11°58	12° 1	23°14	n.a.	S 9
S 10	10 50 31	14°36'51	19°40	26°48	28°14	20°14	4° 7	10°51	13°42	24°43	3°34	11°58	11°57	23°21	n.a.	S 10
M11	10 54 28	15°35'36	4♓40	28°44	28°58	20°58	4°21	10°52	13°46	24°42	3°35	11°R58	11°54	23°28	n.a.	M11
T 12	10 58 24	16°34'19	19°51	0♈38	29°41	21°43	4°36	10°53	13°49	24°41	3°36	11°58	11°51	23°34	n.a.	T 12
W13	11 2 21	17°33'00	5♈ 2	2°29	0♉23	22°27	4°50	10°55	13°52	24°39	3°37	11°58	11°48	23°41	n.a.	W13
T 14	11 6 17	18°31'39	20° 4	4°16	1° 4	23°12	5° 4	10°56	13°56	24°38	3°38	11°57	11°45	23°48	n.a.	T 14
F 15	11 10 14	19°30'16	4♉49	6° 0	1°43	23°56	5°18	10°57	13°59	24°37	3°39	11°56	11°41	23°54	n.a.	F 15
S 16	11 14 10	20°28'50	19°12	7°41	2°22	24°40	5°33	10°58	14° 3	24°36	3°40	11°55	11°38	24° 1	n.a.	S 16
S 17	11 18 7	21°27'23	3♊ 9	9°17	2°59	25°25	5°47	10°59	14° 6	24°34	3°41	11°55	11°35	24° 7	n.a.	S 17
M18	11 22 4	22°25'53	16°40	10°49	3°35	26° 9	6° 1	11° 0	14° 9	24°33	3°42	11°D54	11°32	24°14	n.a.	M18
T 19	11 26 0	23°24'20	29°46	12°17	4° 9	26°53	6°15	11° 0	14°13	24°32	3°43	11°54	11°29	24°21	n.a.	T 19
W20	11 29 57	24°22'46	12♋30	13°40	4°42	27°37	6°29	11° 1	14°16	24°31	3°44	11°55	11°26	24°27	n.a.	W20
T 21	11 33 53	25°21'09	24°56	14°59	5°14	28°21	6°43	11° 1	14°20	24°29	3°45	11°56	11°22	24°34	n.a.	T 21
F 22	11 37 50	26°19'30	7♌ 7	16°12	5°44	29° 5	6°57	11° 2	14°23	24°28	3°46	11°57	11°19	24°41	n.a.	F 22
S 23	11 41 46	27°17'49	19° 8	17°21	6°13	29°49	7°11	11° 2	14°26	24°26	3°47	11°58	11°16	24°47	n.a.	S 23
S 24	11 45 43	28°16'05	1♍ 1	18°24	6°40	0♈33	7°25	11° 2	14°30	24°25	3°49	11°59	11°13	24°54	n.a.	S 24
M25	11 49 39	29°14'20	12°50	19°22	7° 5	1°17	7°39	11° 2	14°33	24°24	3°50	12°R 0	11°10	25° 1	n.a.	M25
T 26	11 53 36	0♈12'33	24°38	20°15	7°29	2° 1	7°53	11°R 2	14°36	24°22	3°51	11°59	11° 6	25° 7	n.a.	T 26
W27	11 57 33	1°10'43	6♎27	21° 3	7°51	2°45	8° 7	11° 2	14°40	24°21	3°52	11°58	11° 3	25°14	n.a.	W27
T 28	12 1 29	2° 8'52	18°18	21°45	8°11	3°28	8°20	11° 2	14°43	24°19	3°53	11°55	11° 0	25°21	n.a.	T 28
F 29	12 5 26	3° 6'59	0♏15	22°22	8°30	4°12	8°34	11° 2	14°46	24°18	3°54	11°52	10°57	25°27	n.a.	F 29
S 30	12 9 22	4° 5'05	12°19	22°53	8°46	4°56	8°48	11° 2	14°50	24°16	3°56	11°48	10°54	25°34	n.a.	S 30
S 31	12 13 19	5♈ 3'09	24♏32	23♈19	9♉ 0	5♈39	9♓ 2	11♐ 1	14♓53	24♎15	3♉57	11♓45	10♓51	25♍41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s30	11s31	3s22	9s25	0s59	11n35	3n33	7s15	0s45	11s59	1s 9	21s 7	1n13	7s21	0s44	7s53	2n 1	1n24	12s 8	7s10	6s59	2n15		n.a.
S 2	9 8	16 38	4 8	8 29	0 50	12 0	3 39	6 57	0 45	11 54	1 9	21 7	1 13	7 20	0 43	7 52	2 1	1 24	12 8	7 10	7 0	2 12		n.a.
S 3	8 46	21 10	4 44	7 33	0 40	12 24	3 44	6 39	0 44	11 48	1 9	21 7	1 13	7 19	0 43	7 52	2 1	1 25	12 8	7 10	7 1	2 9		n.a.
M 4	8 24	24 53	5 8	6 35	0 30	12 48	3 50	6 21	0 44	11 43	1 9	21 8	1 13	7 17	0 43	7 52	2 1	1 25	12 8	7 10	7 2	2 5		n.a.
T 5	8 1	27 31	5 18	5 37	0 20	13 12	3 56	6 3	0 43	11 38	1 9	21 8	1 13	7 16	0 43	7 51	2 1	1 26	12 7	7 10	7 4	2 2		n.a.
W 6	7 39	28 45	5 12	4 39	0 9	13 35	4 1	5 45	0 43	11 33	1 9	21 8	1 13	7 15	0 43	7 51	2 1	1 26	12 7	7 10	7 5	1 58		n.a.
T 7	7 16	28 22	4 49	3 40	0n 2	13 58	4 7	5 27	0 42	11 27	1 9	21 8	1 13	7 13	0 43	7 50	2 1	1 27	12 7	7 10	7 6	1 55		n.a.
F 8	6 54	26 13	4 8	2 41	0 13	14 21	4 13	5 9	0 41	11 22	1 9	21 8	1 13	7 12	0 43	7 50	2 1	1 27	12 7	7 10	7 7	1 51		n.a.
S 9	6 31	22 21	3 12	1 42	0 24	14 43	4 18	4 50	0 41	11 17	1 9	21 9	1 13	7 11	0 43	7 49	2 1	1 28	12 6	7 10	7 9	1 48		n.a.
S 10	6 8	17 1	2 1	0 44	0 36	15 4	4 23	4 32	0 40	11 12	1 9	21 9	1 13	7 9	0 43	7 49	2 1	1 28	12 6	7 10	7 10	1 44		n.a.
M11	5 45	10 33	0 40	0n13	0 48	15 25	4 29	4 14	0 40	11 7	1 9	21 9	1 13	7 8	0 43	7 48	2 1	1 29	12 6	7 10	7 11	1 41		n.a.
T 12	5 22	3 24	0n44	1 10	0 59	15 46	4 34	3 56	0 39	11 1	1 10	21 9	1 13	7 7	0 43	7 48	2 1	1 29	12 6	7 10	7 12	1 37		n.a.
W13	4 59	3n55	2 5	2 5	1 11	16 6	4 39	3 37	0 39	10 56	1 10	21 9	1 13	7 5	0 43	7 47	2 1	1 30	12 6	7 10	7 13	1 34		n.a.
T 14	4 36	10 58	3 16	2 58	1 22	16 25	4 44	3 19	0 38	10 51	1 10	21 9	1 13	7 4	0 43	7 47	2 1	1 30	12 5	7 10	7 15	1 31		n.a.
F 15	4 12	17 15	4 13	3 50	1 33	16 44	4 49	3 1	0 38	10 46	1 10	21 9	1 13	7 3	0 43	7 47	2 1	1 31	12 5	7 10	7 16	1 27		n.a.
S 16	3 49	22 26	4 53	4 40	1 44	17 2	4 54	2 42	0 37	10 40	1 10	21 10	1 13	7 1	0 43	7 46	2 1	1 31	12 5	7 11	7 17	1 24		n.a.
S 17	3 26	26 10	5 14	5 28	1 54	17 20	4 59	2 24	0 37	10 35	1 10	21 10	1 13	7 0	0 43	7 46	2 1	1 32	12 5	7 11	7 18	1 20		n.a.
M18	3 2	28 18	5 16	6 14	2 4	17 37	5 4	2 6	0 36	10 30	1 10	21 10	1 13	6 59	0 43	7 45	2 1	1 33	12 4	7 11	7 20	1 17		n.a.
T 19	2 39	28 46	5 2	6 57	2 13	17 53	5 8	1 48	0 35	10 25	1 10	21 10	1 13	6 57	0 43	7 44	2 1	1 33	12 4	7 11	7 21	1 13		n.a.
W20	2 16	27 41	4 33	7 38	2 21	18 8	5 12	1 29	0 35	10 20	1 10	21 10	1 13	6 56	0 43	7 44	2 2	1 34	12 4	7 11	7 22	1 10		n.a.
T 21	1 52	25 13	3 52	8 16	2 29	18 23	5 17	1 11	0 34	10 14	1 10	21 10	1 13	6 55	0 43	7 43	2 2	1 34	12 4	7 10	7 23	1 6		n.a.
F 22	1 29	21 39	3 1	8 51	2 36	18 38	5 21	0 53	0 34	10 9	1 10	21 10	1 14	6 53	0 43	7 43	2 2	1 35	12 4	7 10	7 24	1 3		n.a.
S 23	1 5	17 13	2 3	9 23	2 42	18 51	5 25	0 35	0 33	10 4	1 10	21 10	1 14	6 52	0 43	7 42	2 2	1 35	12 4	7 9	7 26	0 59		n.a.
S 24	0 42	12 11	1 0	9 53	2 48	19 4	5 28	0 16	0 33	9 59	1 10	21 10	1 14	6 51	0 43	7 42	2 2	1 36	12 3	7 9	7 27	0 56		n.a.
M25	0 18	6 45	0s 5	10 19	2 52	19 16	5 32	0n 2	0 32	9 54	1 11	21 10	1 14	6 49	0 44	7 41	2 2	1 36	12 3	7 9	7 28	0 53		n.a.
T 26	0n 5	1 6	1 9	10 43	2 56	19 27	5 35	0 20	0 31	9 49	1 11	21 10	1 14	6 48	0 44	7 41	2 2	1 37	12 3	7 9	7 29	0 49		n.a.
W27	0 28	4s35	2 11	11 3	2 58	19 37	5 38	0 38	0 31	9 43	1 11	21 10	1 14	6 47	0 44	7 40	2 2	1 37	12 3	7 10	7 31	0 46		n.a.
T 28	0 52	10 8	3 7	11 21	3 0	19 46	5 41	0 56	0 30	9 38	1 11	21 10	1 14	6 46	0 44	7 40	2 2	1 38	12 3	7 11	7 32	0 42		n.a.
F 29	1 15	15 22	3 56	11 35	3 0	19 55	5 43	1 14	0 30	9 33	1 11	21 10	1 14	6 44	0 44	7 39	2 2	1 39	12 2	7 12	7 33	0 39		n.a.
S 30	1 39	20 4	4 34	11 46	2 59	20 2	5 46	1 32	0 29	9 28	1 11	21 9	1 14	6 43	0 44	7 38	2 2	1 39	12 2	7 13	7 34	0 35		n.a.
S 31	2n 2	23s59	5s 0	11n54	2n57	20n 9	5n47	1n50	0s29	9s23	1s11	21s 9	1n14	6s42	0s44	7s38	2n 2	1n40	12s 2	7s15	7s35	0n32		n.a.

Julian Day Number = 1597662.5, Delta T = 04h01m10s
Ecliptic obliquity = 23°44'20, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°45'01, Lahiri = - 8°38'01 Julian Calendar 1 March 339 BCE == Greg. Calendar 24 Feb. 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

APRIL 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 17 15	6♈ 1'11	6♐58	23♈40	9♉12	6♈23	9♓15	11°R 1	14♓56	24°R13	3♉58	11°R42	10♓47	25♍47	n.a.	M 1
T 2	12 21 12	6°59'12	19°39	23°54	9°22	7° 6	9°29	11♐ 0	14°59	24♎12	3°59	11♓40	10°44	25°54	n.a.	T 2
W 3	12 25 8	7°57'11	2♑37	24° 4	9°30	7°50	9°42	10°59	15° 3	24°10	4° 0	11°D39	10°41	26° 0	n.a.	W 3
T 4	12 29 5	8°55'09	15°56	24°R 8	9°36	8°33	9°56	10°58	15° 6	24° 9	4° 2	11°39	10°38	26° 7	n.a.	T 4
F 5	12 33 2	9°53'06	29°38	24° 7	9°39	9°16	10° 9	10°57	15° 9	24° 7	4° 3	11°40	10°35	26°14	n.a.	F 5
S 6	12 36 58	10°51'01	13♒44	24° 1	9°R40	9°59	10°23	10°56	15°12	24° 6	4° 4	11°41	10°32	26°20	n.a.	S 6
S 7	12 40 55	11°48'55	28°13	23°50	9°39	10°43	10°36	10°55	15°15	24° 4	4° 6	11°42	10°28	26°27	n.a.	S 7
M 8	12 44 51	12°46'47	13♓ 3	23°35	9°35	11°26	10°49	10°54	15°18	24° 2	4° 7	11°R43	10°25	26°34	n.a.	M 8
T 9	12 48 48	13°44'38	28° 6	23°16	9°29	12° 9	11° 3	10°53	15°22	24° 1	4° 8	11°42	10°22	26°40	n.a.	T 9
W10	12 52 44	14°42'27	13♈16	22°52	9°21	12°52	11°16	10°51	15°25	23°59	4° 9	11°39	10°19	26°47	n.a.	W10
T 11	12 56 41	15°40'15	28°22	22°26	9°10	13°35	11°29	10°50	15°28	23°58	4°11	11°36	10°16	26°54	n.a.	T 11
F 12	13 0 37	16°38'01	13♉16	21°56	8°57	14°18	11°42	10°48	15°31	23°56	4°12	11°31	10°12	27° 0	n.a.	F 12
S 13	13 4 34	17°35'46	27°49	21°25	8°41	15° 1	11°55	10°46	15°34	23°54	4°13	11°25	10° 9	27° 7	n.a.	S 13
S 14	13 8 31	18°33'29	11♊55	20°51	8°23	15°44	12° 8	10°45	15°37	23°53	4°15	11°21	10° 6	27°14	n.a.	S 14
M15	13 12 27	19°31'10	25°34	20°16	8° 3	16°26	12°21	10°43	15°40	23°51	4°16	11°17	10° 3	27°20	n.a.	M15
T 16	13 16 24	20°28'50	8♋45	19°41	7°40	17° 9	12°34	10°41	15°43	23°50	4°17	11°15	10° 0	27°27	n.a.	T 16
W17	13 20 20	21°26'27	21°30	19° 6	7°15	17°52	12°47	10°39	15°46	23°48	4°19	11°D14	9°57	27°34	n.a.	W17
T 18	13 24 17	22°24'04	3♌55	18°31	6°48	18°34	12°59	10°37	15°49	23°46	4°20	11°14	9°53	27°40	n.a.	T 18
F 19	13 28 13	23°21'38	16° 2	17°58	6°19	19°17	13°12	10°34	15°52	23°45	4°21	11°16	9°50	27°47	n.a.	F 19
S 20	13 32 10	24°19'11	27°59	17°26	5°49	20° 0	13°24	10°32	15°54	23°43	4°23	11°17	9°47	27°54	n.a.	S 20
S 21	13 36 6	25°16'43	9♍48	16°57	5°16	20°42	13°37	10°30	15°57	23°41	4°24	11°R18	9°44	28° 0	n.a.	S 21
M22	13 40 3	26°14'12	21°35	16°31	4°43	21°24	13°49	10°27	16° 0	23°40	4°25	11°17	9°41	28° 7	n.a.	M22
T 23	13 44 0	27°11'41	3♎23	16° 8	4° 8	22° 7	14° 2	10°25	16° 3	23°38	4°27	11°15	9°38	28°14	n.a.	T 23
W24	13 47 56	28° 9'08	15°15	15°48	3°32	22°49	14°14	10°22	16° 6	23°37	4°28	11°10	9°34	28°20	n.a.	W24
T 25	13 51 53	29° 6'34	27°13	15°32	2°55	23°31	14°26	10°20	16° 8	23°35	4°29	11° 4	9°31	28°27	n.a.	T 25
F 26	13 55 49	0♉ 3'59	9♏20	15°21	2°17	24°14	14°38	10°17	16°11	23°33	4°31	10°56	9°28	28°33	n.a.	F 26
S 27	13 59 46	1° 1'23	21°36	15°13	1°39	24°56	14°50	10°14	16°14	23°32	4°32	10°47	9°25	28°40	n.a.	S 27
S 28	14 3 42	1°58'46	4♐ 2	15°D10	1° 1	25°38	15° 2	10°11	16°16	23°30	4°34	10°38	9°22	28°47	n.a.	S 28
M29	14 7 39	2°56'08	16°40	15°11	0°24	26°20	15°14	10° 8	16°19	23°29	4°35	10°30	9°18	28°53	n.a.	M29
T 30	14 11 35	3♉53'29	29♐30	15♈17	29♈46	27♈ 2	15♓26	10♐ 5	16♓21	23♎27	4♉36	10♓23	9♓15	29♍ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n25	26s53	5s13	11n59	2n54	20n14	5n49	2n 8	0s28	9s18	1s11	21s 9	1n14	6s40	0s44	7s37	2n 2	1n40	12s 2	7s16	7s37	0n28		n.a.
T 2	2 48	28 30	5 11	12 1	2 50	20 19	5 50	2 26	0 27	9 13	1 11	21 9	1 14	6 39	0 44	7 37	2 2	1 41	12 2	7 17	7 38	0 25		n.a.
W 3	3 12	28 36	4 54	11 59	2 44	20 22	5 51	2 44	0 27	9 8	1 11	21 9	1 14	6 38	0 44	7 36	2 2	1 41	12 2	7 17	7 39	0 21		n.a.
T 4	3 35	27 4	4 20	11 54	2 37	20 25	5 52	3 2	0 26	9 3	1 12	21 9	1 14	6 37	0 44	7 35	2 2	1 42	12 2	7 17	7 40	0 18		n.a.
F 5	3 58	23 55	3 31	11 47	2 29	20 26	5 52	3 20	0 26	8 57	1 12	21 9	1 14	6 35	0 44	7 35	2 2	1 42	12 1	7 17	7 42	0 15		n.a.
S 6	4 21	19 16	2 28	11 36	2 20	20 26	5 51	3 37	0 25	8 52	1 12	21 8	1 14	6 34	0 44	7 34	2 2	1 43	12 1	7 16	7 43	0 11		n.a.
S 7	4 44	13 23	1 13	11 22	2 10	20 25	5 51	3 55	0 24	8 47	1 12	21 8	1 14	6 33	0 44	7 34	2 2	1 43	12 1	7 16	7 44	0 8		n.a.
M 8	5 7	6 38	0n 7	11 6	1 58	20 22	5 49	4 13	0 24	8 42	1 12	21 8	1 14	6 32	0 44	7 33	2 2	1 44	12 1	7 15	7 45	0 4		n.a.
T 9	5 29	0n35	1 29	10 47	1 45	20 19	5 48	4 30	0 23	8 37	1 12	21 8	1 14	6 31	0 44	7 33	2 2	1 45	12 1	7 16	7 46	0 1		n.a.
W10	5 52	7 49	2 44	10 25	1 32	20 14	5 45	4 48	0 23	8 32	1 12	21 8	1 14	6 29	0 44	7 32	2 2	1 45	12 1	7 17	7 48	0s 3		n.a.
T 11	6 15	14 34	3 48	10 2	1 17	20 8	5 43	5 5	0 22	8 28	1 12	21 7	1 14	6 28	0 44	7 31	2 2	1 46	12 1	7 18	7 49	0 6		n.a.
F 12	6 37	20 22	4 35	9 36	1 2	20 0	5 39	5 23	0 22	8 23	1 13	21 7	1 14	6 27	0 44	7 31	2 2	1 46	12 1	7 20	7 50	0 10		n.a.
S 13	6 59	24 50	5 3	9 10	0 46	19 51	5 35	5 40	0 21	8 18	1 13	21 7	1 14	6 26	0 44	7 30	2 2	1 47	12 0	7 22	7 51	0 13		n.a.
S 14	7 22	27 38	5 11	8 41	0 29	19 41	5 31	5 57	0 20	8 13	1 13	21 7	1 14	6 25	0 44	7 29	2 2	1 47	12 0	7 24	7 53	0 16		n.a.
M15	7 44	28 41	5 2	8 13	0 13	19 29	5 25	6 14	0 20	8 8	1 13	21 6	1 14	6 24	0 44	7 29	2 2	1 48	12 0	7 25	7 54	0 20		n.a.
T 16	8 6	28 3	4 36	7 43	0s 5	19 16	5 20	6 31	0 19	8 3	1 13	21 6	1 14	6 22	0 44	7 28	2 2	1 48	12 0	7 26	7 55	0 23		n.a.
W17	8 28	25 55	3 58	7 14	0 22	19 1	5 13	6 49	0 19	7 58	1 13	21 6	1 15	6 21	0 44	7 28	2 2	1 49	12 0	7 27	7 56	0 27		n.a.
T 18	8 49	22 35	3 9	6 45	0 39	18 46	5 6	7 6	0 18	7 53	1 13	21 5	1 15	6 20	0 44	7 27	2 2	1 49	12 0	7 26	7 57	0 30		n.a.
F 19	9 11	18 20	2 13	6 17	0 56	18 28	4 58	7 22	0 17	7 49	1 14	21 5	1 15	6 19	0 44	7 26	2 2	1 50	12 0	7 26	7 59	0 34		n.a.
S 20	9 33	13 27	1 12	5 49	1 12	18 10	4 50	7 39	0 17	7 44	1 14	21 5	1 15	6 18	0 44	7 26	2 2	1 50	12 0	7 25	8 0	0 37		n.a.
S 21	9 54	8 7	0 8	5 23	1 28	17 51	4 41	7 56	0 16	7 39	1 14	21 4	1 15	6 17	0 44	7 25	2 2	1 51	12 0	7 25	8 1	0 41		n.a.
M22	10 15	2 32	0s55	4 59	1 43	17 30	4 31	8 13	0 15	7 35	1 14	21 4	1 15	6 16	0 44	7 25	2 2	1 51	12 0	7 25	8 2	0 44		n.a.
T 23	10 36	3s 9	1 57	4 37	1 58	17 8	4 21	8 29	0 15	7 30	1 14	21 3	1 15	6 15	0 44	7 24	2 2	1 52	12 0	7 26	8 3	0 48		n.a.
W24	10 57	8 44	2 53	4 17	2 11	16 45	4 10	8 46	0 14	7 25	1 14	21 3	1 15	6 14	0 44	7 23	2 2	1 52	11 59	7 28	8 5	0 51		n.a.
T 25	11 18	14 3	3 42	3 59	2 24	16 22	3 59	9 2	0 14	7 21	1 14	21 3	1 15	6 13	0 44	7 23	2 2	1 53	11 59	7 30	8 6	0 54		n.a.
F 26	11 38	18 54	4 22	3 44	2 35	15 57	3 47	9 18	0 13	7 16	1 15	21 2	1 15	6 11	0 44	7 22	2 2	1 53	11 59	7 33	8 7	0 58		n.a.
S 27	11 58	23 2	4 50	3 31	2 46	15 32	3 34	9 35	0 12	7 11	1 15	21 2	1 15	6 10	0 44	7 22	2 2	1 54	11 59	7 37	8 8	1 1		n.a.
S 28	12 19	26 12	5 4	3 21	2 56	15 7	3 22	9 51	0 12	7 7	1 15	21 1	1 15	6 9	0 44	7 21	2 2	1 54	11 59	7 40	8 9	1 5		n.a.
M29	12 39	28 7	5 5	3 14	3 4	14 41	3 9	10 7	0 11	7 2	1 15	21 1	1 15	6 8	0 44	7 21	2 2	1 55	11 59	7 44	8 11	1 8		n.a.
T 30	12n58	28s34	4s50	3n 9	3s12	14n15	2n55	10n23	0s11	6s58	1s15	21s 1	1n15	6s 7	0s44	7s20	2n 2	1n55	11s59	7s46	8s12	1s12		n.a.

Julian Day Number = 1597693.5, Delta T = 04h01m09s
Ecliptic obliquity = 23°44'20, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'57, Lahiri = - 8°37'57 Julian Calendar 1 Apr. 339 BCE == Greg. Calendar 27 March 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

MAY 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 15 32	4♉50'49	12♋35	15♈28	29°R10	27♈44	15♓38	10°R 2	16♓24	23°R25	4♉38	10°R19	9♓12	29♍ 7	n.a.	W 1
T 2	14 19 29	5°48'09	25°55	15°43	28♈34	28°26	15°50	9♐59	16°26	23♎24	4°39	10♓16	9° 9	29°13	n.a.	T 2
F 3	14 23 25	6°45'28	9♒32	16° 2	27°59	29° 8	16° 1	9°55	16°29	23°22	4°40	10°D16	9° 6	29°20	n.a.	F 3
S 4	14 27 22	7°42'47	23°27	16°26	27°26	29°49	16°13	9°52	16°31	23°21	4°42	10°17	9° 3	29°27	n.a.	S 4
S 5	14 31 18	8°40'04	7♓42	16°54	26°54	0♉31	16°24	9°49	16°34	23°19	4°43	10°R17	8°59	29°33	n.a.	S 5
M 6	14 35 15	9°37'21	22°13	17°26	26°23	1°13	16°35	9°45	16°36	23°18	4°44	10°17	8°56	29°40	n.a.	M 6
T 7	14 39 11	10°34'38	6♈59	18° 2	25°55	1°55	16°46	9°42	16°38	23°16	4°46	10°14	8°53	29°47	n.a.	T 7
W 8	14 43 8	11°31'54	21°53	18°43	25°28	2°36	16°58	9°38	16°41	23°14	4°47	10° 9	8°50	29°53	n.a.	W 8
T 9	14 47 4	12°29'09	6♉47	19°27	25° 4	3°18	17° 9	9°35	16°43	23°13	4°49	10° 2	8°47	29°59	n.a.	T 9
F 10	14 51 1	13°26'24	21°34	20°16	24°41	3°59	17°20	9°31	16°45	23°11	4°50	9°53	8°43	0♎ 7	n.a.	F 10
S 11	14 54 58	14°23'38	6♊ 4	21° 8	24°21	4°41	17°30	9°27	16°47	23°10	4°51	9°43	8°40	0°13	n.a.	S 11
S 12	14 58 54	15°20'52	20°12	22° 4	24° 3	5°22	17°41	9°23	16°50	23° 8	4°53	9°34	8°37	0°20	n.a.	S 12
M13	15 2 51	16°18'04	3♋53	23° 3	23°48	6° 4	17°52	9°20	16°52	23° 7	4°54	9°26	8°34	0°27	n.a.	M13
T 14	15 6 47	17°15'16	17° 6	24° 6	23°35	6°45	18° 2	9°16	16°54	23° 6	4°55	9°20	8°31	0°33	n.a.	T 14
W15	15 10 44	18°12'27	29°54	25°13	23°24	7°26	18°13	9°12	16°56	23° 4	4°57	9°16	8°28	0°40	n.a.	W15
T 16	15 14 40	19° 9'37	12♌20	26°23	23°16	8° 8	18°23	9° 8	16°58	23° 3	4°58	9°15	8°24	0°47	n.a.	T 16
F 17	15 18 37	20° 6'46	24°29	27°36	23°10	8°49	18°33	9° 4	17° 0	23° 1	4°59	9°D15	8°21	0°53	n.a.	F 17
S 18	15 22 33	21° 3'55	6♍25	28°53	23° 6	9°30	18°43	9° 0	17° 2	23° 0	5° 1	9°R15	8°18	1° 0	n.a.	S 18
S 19	15 26 30	22° 1'02	18°14	0♉13	23°D 5	10°11	18°53	8°56	17° 4	22°59	5° 2	9°15	8°15	1° 7	n.a.	S 19
M20	15 30 27	22°58'09	0♎ 2	1°36	23° 6	10°52	19° 3	8°52	17° 5	22°57	5° 3	9°13	8°12	1°13	n.a.	M20
T 21	15 34 23	23°55'16	11°53	3° 3	23° 9	11°33	19°13	8°47	17° 7	22°56	5° 5	9° 9	8° 9	1°20	n.a.	T 21
W22	15 38 20	24°52'22	23°50	4°32	23°15	12°14	19°23	8°43	17° 9	22°55	5° 6	9° 2	8° 5	1°27	n.a.	W22
T 23	15 42 16	25°49'28	5♏57	6° 5	23°22	12°55	19°32	8°39	17°11	22°53	5° 7	8°53	8° 2	1°33	n.a.	T 23
F 24	15 46 13	26°46'33	18°15	7°41	23°32	13°36	19°41	8°35	17°12	22°52	5° 9	8°42	7°59	1°40	n.a.	F 24
S 25	15 50 9	27°43'39	0♐46	9°21	23°44	14°16	19°51	8°31	17°14	22°51	5°10	8°29	7°56	1°47	n.a.	S 25
S 26	15 54 6	28°40'44	13°29	11° 3	23°58	14°57	20° 0	8°26	17°16	22°49	5°11	8°16	7°53	1°53	n.a.	S 26
M27	15 58 2	29°37'49	26°26	12°48	24°14	15°38	20° 9	8°22	17°17	22°48	5°12	8° 5	7°49	2° 0	n.a.	M27
T 28	16 1 59	0♊34'54	9♋34	14°36	24°32	16°19	20°18	8°18	17°19	22°47	5°14	7°55	7°46	2° 6	n.a.	T 28
W29	16 5 56	1°31'59	22°53	16°27	24°52	16°59	20°27	8°13	17°20	22°46	5°15	7°49	7°43	2°13	n.a.	W29
T 30	16 9 52	2°29'04	6♒24	18°21	25°13	17°40	20°35	8° 9	17°21	22°45	5°16	7°45	7°40	2°20	n.a.	T 30
F 31	16 13 49	3♊26'10	20♒ 5	20♉17	25♈37	18♉20	20♓44	8♐ 5	17♓23	22♎44	5♉17	7♓43	7♓37	2♎26	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	13n18	27s26	4s19	3n 7	3s18	13n49	2n42	10n38	0s10	6s53	1s16	21s 0	1n15	6s 6	0s44	7s19	2n 2	1n56	11s59	7s48	8s13	1s15			n.a.
T 2	13 37	24 45	3 35	3 8	3 23	13 23	2 28	10 54	0 9	6 49	1 16	21 0	1 15	6 6	0 44	7 19	2 2	1 56	11 59	7 49	8 14	1 18			n.a.
F 3	13 56	20 37	2 37	3 12	3 28	12 58	2 14	11 10	0 9	6 45	1 16	20 59	1 15	6 5	0 44	7 18	2 2	1 57	11 59	7 49	8 16	1 22			n.a.
S 4	14 15	15 16	1 29	3 18	3 31	12 32	2 0	11 25	0 8	6 40	1 16	20 59	1 15	6 4	0 44	7 18	2 2	1 57	11 59	7 48	8 17	1 25			n.a.
S 5	14 34	9 0	0 14	3 26	3 33	12 8	1 45	11 41	0 8	6 36	1 16	20 58	1 15	6 3	0 44	7 17	2 2	1 58	11 59	7 48	8 18	1 29			n.a.
M 6	14 53	2 9	1n 3	3 38	3 35	11 43	1 31	11 56	0 7	6 32	1 16	20 58	1 15	6 2	0 44	7 17	2 2	1 58	11 59	7 48	8 19	1 32			n.a.
T 7	15 11	4n54	2 18	3 51	3 35	11 20	1 17	12 11	0 6	6 27	1 17	20 57	1 15	6 1	0 44	7 16	2 2	1 59	11 59	7 49	8 20	1 36			n.a.
W 8	15 29	11 45	3 23	4 7	3 35	10 57	1 4	12 26	0 6	6 23	1 17	20 57	1 15	6 0	0 44	7 15	2 2	1 59	11 59	7 51	8 22	1 39			n.a.
T 9	15 47	17 57	4 15	4 25	3 33	10 35	0 50	12 41	0 5	6 19	1 17	20 56	1 15	5 59	0 44	7 15	2 2	1 59	11 59	7 54	8 23	1 43			n.a.
F 10	16 4	23 1	4 48	4 45	3 31	10 15	0 36	12 56	0 4	6 15	1 17	20 56	1 15	5 58	0 44	7 14	2 2	2 0	11 59	7 58	8 24	1 46			n.a.
S 11	16 21	26 33	5 3	5 8	3 28	9 55	0 23	13 11	0 4	6 11	1 17	20 55	1 15	5 57	0 44	7 14	2 2	2 0	11 59	8 1	8 25	1 49			n.a.
S 12	16 38	28 20	4 58	5 32	3 25	9 36	0 10	13 25	0 3	6 7	1 18	20 54	1 15	5 57	0 44	7 13	2 2	2 1	11 59	8 5	8 26	1 53			n.a.
M13	16 55	28 17	4 37	5 59	3 20	9 19	0s 2	13 40	0 3	6 3	1 18	20 54	1 15	5 56	0 44	7 13	2 2	2 1	11 59	8 8	8 28	1 56			n.a.
T 14	17 12	26 36	4 1	6 27	3 15	9 2	0 15	13 54	0 2	5 59	1 18	20 53	1 15	5 55	0 44	7 12	2 2	2 2	11 59	8 10	8 29	2 0			n.a.
W15	17 28	23 34	3 13	6 57	3 9	8 47	0 27	14 9	0 1	5 55	1 18	20 53	1 14	5 54	0 44	7 12	2 2	2 2	11 59	8 11	8 30	2 3			n.a.
T 16	17 44	19 31	2 18	7 28	3 3	8 33	0 38	14 23	0 1	5 51	1 18	20 52	1 14	5 54	0 45	7 11	2 2	2 2	11 59	8 12	8 31	2 7			n.a.
F 17	18 0	14 45	1 18	8 1	2 56	8 21	0 50	14 37	0 0	5 47	1 19	20 52	1 14	5 53	0 45	7 11	2 2	2 3	11 59	8 12	8 32	2 10			n.a.
S 18	18 15	9 30	0 15	8 36	2 48	8 9	1 0	14 51	0n 0	5 43	1 19	20 51	1 14	5 52	0 45	7 10	2 2	2 3	11 59	8 12	8 34	2 13			n.a.
S 19	18 30	3 59	0s48	9 12	2 40	7 59	1 11	15 4	0 1	5 40	1 19	20 50	1 14	5 51	0 45	7 10	2 1	2 4	11 59	8 12	8 35	2 17			n.a.
M20	18 45	1s40	1 48	9 49	2 31	7 50	1 21	15 18	0 2	5 36	1 19	20 50	1 14	5 51	0 45	7 9	2 1	2 4	11 59	8 13	8 36	2 20			n.a.
T 21	18 59	7 16	2 44	10 28	2 22	7 42	1 31	15 31	0 2	5 32	1 20	20 49	1 14	5 50	0 45	7 9	2 1	2 4	11 59	8 14	8 37	2 24			n.a.
W22	19 13	12 39	3 33	11 7	2 12	7 36	1 40	15 45	0 3	5 29	1 20	20 49	1 14	5 49	0 45	7 8	2 1	2 5	11 59	8 17	8 38	2 27			n.a.
T 23	19 27	17 38	4 13	11 48	2 2	7 31	1 49	15 58	0 4	5 25	1 20	20 48	1 14	5 49	0 45	7 8	2 1	2 5	11 59	8 20	8 40	2 31			n.a.
F 24	19 41	21 59	4 42	12 29	1 52	7 26	1 57	16 11	0 4	5 21	1 20	20 47	1 14	5 48	0 45	7 7	2 1	2 6	11 59	8 25	8 41	2 34			n.a.
S 25	19 54	25 25	4 58	13 12	1 41	7 23	2 5	16 24	0 5	5 18	1 20	20 47	1 14	5 47	0 45	7 7	2 1	2 6	11 59	8 29	8 42	2 37			n.a.
S 26	20 7	27 39	4 59	13 54	1 30	7 22	2 13	16 37	0 5	5 15	1 21	20 46	1 14	5 47	0 45	7 7	2 1	2 6	12 0	8 34	8 43	2 41			n.a.
M27	20 19	28 27	4 46	14 38	1 19	7 21	2 20	16 49	0 6	5 11	1 21	20 46	1 14	5 46	0 45	7 6	2 1	2 7	12 0	8 39	8 44	2 44			n.a.
T 28	20 32	27 39	4 17	15 21	1 7	7 21	2 27	17 2	0 7	5 8	1 21	20 45	1 14	5 46	0 45	7 6	2 1	2 7	12 0	8 42	8 46	2 48			n.a.
W29	20 44	25 16	3 33	16 5	0 56	7 22	2 34	17 14	0 7	5 5	1 21	20 44	1 14	5 45	0 45	7 5	2 1	2 7	12 0	8 45	8 47	2 51			n.a.
T 30	20 55	21 27	2 37	16 48	0 44	7 24	2 40	17 26	0 8	5 1	1 22	20 44	1 14	5 45	0 45	7 5	2 1	2 8	12 0	8 46	8 48	2 54			n.a.
F 31	21n 6	16s25	1s32	17n31	0s32	7n27	2s46	17n38	0n 8	4s58	1s22	20s43	1n14	5s44	0s45	7s 5	2n 1	2n 8	12s 0	8s47	8s49	2s58			n.a.

Julian Day Number = 1597723.5, Delta T = 04h01m08s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'53, Lahiri = - 8°37'52 Julian Calendar 1 May 339 BCE == Greg. Calendar 26 Apr. 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

JUNE 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 17 45	4♊23'15	3♓59	22♉15	26♈ 2	19♉ 1	20♓52	8°R 0	17♓24	22°R42	5♉19	7°R43	7♓34	2♎33	n.a.	S 1
S 2	16 21 42	5°20'21	18° 4	24°16	26°28	19°41	21° 1	7♐56	17°25	22♎41	5°20	7♓42	7°30	2°40	n.a.	S 2
M 3	16 25 38	6°17'28	2♈20	26°19	26°56	20°22	21° 9	7°51	17°27	22°40	5°21	7°41	7°27	2°46	n.a.	M 3
T 4	16 29 35	7°14'35	16°46	28°24	27°26	21° 2	21°17	7°47	17°28	22°39	5°22	7°38	7°24	2°53	n.a.	T 4
W 5	16 33 32	8°11'42	1♉17	0♊30	27°57	21°42	21°25	7°43	17°29	22°38	5°23	7°32	7°21	3° 0	n.a.	W 5
T 6	16 37 28	9° 8'50	15°49	2°37	28°29	22°23	21°32	7°38	17°30	22°37	5°25	7°23	7°18	3° 6	n.a.	T 6
F 7	16 41 25	10° 5'58	0♊16	4°46	29° 3	23° 3	21°40	7°34	17°31	22°36	5°26	7°13	7°15	3°13	n.a.	F 7
S 8	16 45 21	11° 3'06	14°30	6°55	29°38	23°43	21°47	7°29	17°32	22°35	5°27	7° 1	7°11	3°20	n.a.	S 8
S 9	16 49 18	12° 0'15	28°26	9° 4	0♉14	24°23	21°55	7°25	17°33	22°34	5°28	6°50	7° 8	3°26	n.a.	S 9
M10	16 53 14	12°57'24	12♋ 0	11°13	0°52	25° 3	22° 2	7°21	17°34	22°33	5°29	6°40	7° 5	3°33	n.a.	M10
T 11	16 57 11	13°54'33	25°10	13°23	1°30	25°43	22° 9	7°16	17°35	22°33	5°30	6°32	7° 2	3°40	n.a.	T 11
W12	17 1 7	14°51'42	7♌57	15°31	2°10	26°23	22°16	7°12	17°36	22°32	5°31	6°27	6°59	3°46	n.a.	W12
T 13	17 5 4	15°48'52	20°22	17°40	2°50	27° 3	22°22	7° 8	17°36	22°31	5°32	6°25	6°55	3°53	n.a.	T 13
F 14	17 9 1	16°46'02	2♍32	19°47	3°32	27°43	22°29	7° 3	17°37	22°30	5°34	6°D24	6°52	4° 0	n.a.	F 14
S 15	17 12 57	17°43'11	14°29	21°53	4°15	28°23	22°35	6°59	17°38	22°29	5°35	6°R24	6°49	4° 6	n.a.	S 15
S 16	17 16 54	18°40'22	26°19	23°58	4°58	29° 3	22°41	6°55	17°38	22°29	5°36	6°24	6°46	4°13	n.a.	S 16
M17	17 20 50	19°37'32	8♎ 8	26° 1	5°43	29°43	22°47	6°50	17°39	22°28	5°37	6°22	6°43	4°20	n.a.	M17
T 18	17 24 47	20°34'43	20° 2	28° 4	6°28	0♊22	22°53	6°46	17°39	22°27	5°38	6°19	6°40	4°26	n.a.	T 18
W19	17 28 43	21°31'54	2♏ 3	0♋ 4	7°14	1° 2	22°59	6°42	17°40	22°27	5°39	6°13	6°36	4°33	n.a.	W19
T 20	17 32 40	22°29'05	14°17	2° 3	8° 1	1°42	23° 5	6°38	17°40	22°26	5°40	6° 5	6°33	4°40	n.a.	T 20
F 21	17 36 37	23°26'18	26°46	4° 1	8°49	2°21	23°10	6°34	17°41	22°25	5°41	5°54	6°30	4°46	n.a.	F 21
S 22	17 40 33	24°23'30	9♐32	5°57	9°37	3° 1	23°15	6°30	17°41	22°25	5°42	5°43	6°27	4°53	n.a.	S 22
S 23	17 44 30	25°20'44	22°33	7°51	10°27	3°40	23°20	6°26	17°41	22°24	5°43	5°31	6°24	5° 0	n.a.	S 23
M24	17 48 26	26°17'58	5♑51	9°43	11°17	4°20	23°25	6°22	17°41	22°24	5°44	5°21	6°21	5° 6	n.a.	M24
T 25	17 52 23	27°15'14	19°21	11°34	12° 7	4°59	23°30	6°18	17°42	22°23	5°45	5°12	6°17	5°13	n.a.	T 25
W26	17 56 19	28°12'30	3♒ 3	13°23	12°59	5°39	23°34	6°14	17°42	22°23	5°45	5° 6	6°14	5°20	n.a.	W26
T 27	18 0 16	29° 9'47	16°54	15°10	13°51	6°18	23°39	6°10	17°42	22°22	5°46	5° 2	6°11	5°26	n.a.	T 27
F 28	18 4 12	0♋ 7'05	0♓51	16°56	14°43	6°57	23°43	6° 6	17°R42	22°22	5°47	5°D 1	6° 8	5°33	n.a.	F 28
S 29	18 8 9	1° 4'24	14°53	18°40	15°36	7°37	23°47	6° 2	17°42	22°22	5°48	5° 1	6° 5	5°40	n.a.	S 29
S 30	18 12 6	2♋ 1'45	29♓ 0	20♋22	16♉30	8♊16	23♓51	5♐58	17♓42	22♎21	5♉49	5°R 2	6♓ 1	5♎46	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n17	10s29	0s20	18n14	0s21	7n31	2s51	17n50	0n 9	4s55	1s22	20s42	1n14	5s44	0s45	7s 4	2n 1	2n 8	12s 0	8s47	8s50	3s 1		n.a.
S 2	21 28	3 56	0n55	18 55	0 9	7 36	2 56	18 2	0 10	4 52	1 22	20 42	1 14	5 43	0 45	7 4	2 1	2 9	12 0	8 47	8 52	3 5		n.a.
M 3	21 38	2n52	2 6	19 36	0n 2	7 42	3 1	18 13	0 10	4 49	1 23	20 41	1 13	5 43	0 45	7 4	2 1	2 9	12 0	8 47	8 53	3 8		n.a.
T 4	21 47	9 36	3 11	20 16	0 13	7 48	3 6	18 25	0 11	4 46	1 23	20 40	1 13	5 42	0 45	7 3	2 1	2 9	12 0	8 49	8 54	3 12		n.a.
W 5	21 57	15 51	4 3	20 54	0 24	7 55	3 10	18 36	0 12	4 43	1 23	20 40	1 13	5 42	0 45	7 3	2 1	2 9	12 0	8 51	8 55	3 15		n.a.
T 6	22 6	21 14	4 40	21 30	0 34	8 3	3 14	18 47	0 12	4 40	1 23	20 39	1 13	5 41	0 45	7 3	2 1	2 10	12 0	8 54	8 56	3 18		n.a.
F 7	22 15	25 19	4 58	22 4	0 43	8 12	3 17	18 58	0 13	4 37	1 24	20 39	1 13	5 41	0 45	7 2	2 1	2 10	12 1	8 58	8 58	3 22		n.a.
S 8	22 23	27 45	4 58	22 36	0 53	8 21	3 21	19 9	0 13	4 35	1 24	20 38	1 13	5 41	0 45	7 2	2 1	2 10	12 1	9 3	8 59	3 25		n.a.
S 9	22 31	28 23	4 40	23 6	1 1	8 31	3 24	19 20	0 14	4 32	1 24	20 37	1 13	5 40	0 45	7 2	2 1	2 10	12 1	9 7	9 0	3 29		n.a.
M10	22 38	27 16	4 6	23 33	1 9	8 41	3 27	19 30	0 15	4 29	1 24	20 37	1 13	5 40	0 45	7 1	2 1	2 11	12 1	9 11	9 1	3 32		n.a.
T 11	22 45	24 38	3 20	23 58	1 17	8 52	3 29	19 41	0 15	4 27	1 25	20 36	1 13	5 40	0 45	7 1	2 0	2 11	12 1	9 13	9 2	3 35		n.a.
W12	22 52	20 50	2 25	24 19	1 23	9 4	3 32	19 51	0 16	4 24	1 25	20 35	1 13	5 39	0 45	7 1	2 0	2 11	12 1	9 15	9 3	3 39		n.a.
T 13	22 58	16 12	1 24	24 38	1 29	9 16	3 34	20 1	0 16	4 22	1 25	20 35	1 13	5 39	0 45	7 1	2 0	2 11	12 1	9 16	9 5	3 42		n.a.
F 14	23 4	11 1	0 21	24 55	1 35	9 28	3 36	20 10	0 17	4 20	1 26	20 34	1 12	5 39	0 45	7 0	2 0	2 12	12 1	9 17	9 6	3 46		n.a.
S 15	23 10	5 32	0s43	25 8	1 39	9 41	3 37	20 20	0 18	4 17	1 26	20 34	1 12	5 39	0 46	7 0	2 0	2 12	12 2	9 17	9 7	3 49		n.a.
S 16	23 15	0s 6	1 44	25 19	1 43	9 54	3 39	20 30	0 18	4 15	1 26	20 33	1 12	5 39	0 46	7 0	2 0	2 12	12 2	9 17	9 8	3 52		n.a.
M17	23 20	5 43	2 40	25 27	1 46	10 8	3 40	20 39	0 19	4 13	1 26	20 32	1 12	5 38	0 46	7 0	2 0	2 12	12 2	9 17	9 9	3 56		n.a.
T 18	23 24	11 9	3 30	25 32	1 49	10 22	3 41	20 48	0 20	4 11	1 27	20 32	1 12	5 38	0 46	6 59	2 0	2 12	12 2	9 18	9 11	3 59		n.a.
W19	23 28	16 15	4 10	25 35	1 50	10 36	3 42	20 57	0 20	4 9	1 27	20 31	1 12	5 38	0 46	6 59	2 0	2 13	12 2	9 21	9 12	4 3		n.a.
T 20	23 31	20 47	4 41	25 35	1 51	10 51	3 42	21 6	0 21	4 7	1 27	20 30	1 12	5 38	0 46	6 59	2 0	2 13	12 2	9 24	9 13	4 6		n.a.
F 21	23 34	24 30	4 58	25 32	1 52	11 6	3 43	21 14	0 21	4 5	1 28	20 30	1 12	5 38	0 46	6 59	2 0	2 13	12 2	9 28	9 14	4 9		n.a.
S 22	23 37	27 7	5 1	25 28	1 52	11 21	3 43	21 23	0 22	4 3	1 28	20 29	1 12	5 38	0 46	6 59	2 0	2 13	12 3	9 32	9 15	4 13		n.a.
S 23	23 39	28 20	4 49	25 21	1 51	11 37	3 43	21 31	0 23	4 1	1 28	20 29	1 11	5 38	0 46	6 59	2 0	2 13	12 3	9 36	9 17	4 16		n.a.
M24	23 41	27 57	4 21	25 12	1 49	11 52	3 43	21 39	0 23	4 0	1 28	20 28	1 11	5 38	0 46	6 58	2 0	2 14	12 3	9 40	9 18	4 20		n.a.
T 25	23 43	25 55	3 38	25 1	1 47	12 8	3 42	21 47	0 24	3 58	1 29	20 28	1 11	5 37	0 46	6 58	2 0	2 14	12 3	9 43	9 19	4 23		n.a.
W26	23 44	22 20	2 41	24 48	1 45	12 24	3 42	21 55	0 24	3 56	1 29	20 27	1 11	5 37	0 46	6 58	2 0	2 14	12 3	9 46	9 20	4 26		n.a.
T 27	23 44	17 28	1 35	24 33	1 42	12 40	3 41	22 2	0 25	3 55	1 29	20 27	1 11	5 37	0 46	6 58	1 59	2 14	12 3	9 47	9 21	4 30		n.a.
F 28	23 44	11 39	0 22	24 16	1 38	12 57	3 41	22 10	0 26	3 54	1 30	20 26	1 11	5 37	0 46	6 58	1 59	2 14	12 3	9 47	9 23	4 33		n.a.
S 29	23 44	5 13	0n52	23 58	1 34	13 13	3 40	22 17	0 26	3 52	1 30	20 25	1 11	5 38	0 46	6 58	1 59	2 14	12 4	9 47	9 24	4 36		n.a.
S 30	23n43	1n29	2n 4	23n39	1n30	13n29	3s38	22n24	0n27	3s51	1s30	20s25	1n11	5s38	0s46	6s58	1n59	2n14	12s 4	9s47	9s25	4s40		n.a.

Julian Day Number = 1597754.5, Delta T = 04h01m07s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'49, Lahiri = - 8°37'48 Julian Calendar 1 June 339 BCE == Greg. Calendar 27 May 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

JULY 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 16 2	2♋59'07	13♈ 9	22♋ 2	17♉24	8♊55	23♓55	5°R55	17°R42	22°R21	5♉50	5°R 1	5♓58	5♎53	n.a.	M 1
T 2	18 19 59	3°56'30	27°20	23°41	18°19	9°34	23°58	5♐51	17♓42	22♎21	5°51	4♓59	5°55	6° 0	n.a.	T 2
W 3	18 23 55	4°53'55	11♉31	25°19	19°14	10°13	24° 1	5°48	17°41	22°21	5°51	4°55	5°52	6° 6	n.a.	W 3
T 4	18 27 52	5°51'21	25°38	26°54	20°10	10°52	24° 5	5°44	17°41	22°20	5°52	4°48	5°49	6°13	n.a.	T 4
F 5	18 31 48	6°48'48	9♊38	28°28	21° 7	11°31	24° 7	5°41	17°41	22°20	5°53	4°39	5°46	6°20	n.a.	F 5
S 6	18 35 45	7°46'17	23°28	0♌ 0	22° 3	12°10	24°10	5°37	17°40	22°20	5°54	4°30	5°42	6°26	n.a.	S 6
S 7	18 39 41	8°43'47	7♋ 2	1°31	23° 1	12°49	24°13	5°34	17°40	22°20	5°54	4°21	5°39	6°33	n.a.	S 7
M 8	18 43 38	9°41'18	20°20	3° 0	23°58	13°28	24°15	5°31	17°40	22°20	5°55	4°13	5°36	6°40	n.a.	M 8
T 9	18 47 35	10°38'51	3♌18	4°27	24°56	14° 7	24°17	5°27	17°39	22°20	5°56	4° 7	5°33	6°46	n.a.	T 9
W10	18 51 31	11°36'24	15°57	5°53	25°55	14°46	24°19	5°24	17°39	22°D20	5°56	4° 3	5°30	6°53	n.a.	W10
T 11	18 55 28	12°33'59	28°19	7°16	26°54	15°25	24°21	5°21	17°38	22°20	5°57	4°D 1	5°27	7° 0	n.a.	T 11
F 12	18 59 24	13°31'34	10♍26	8°38	27°53	16° 4	24°23	5°18	17°37	22°20	5°58	4° 1	5°23	7° 6	n.a.	F 12
S 13	19 3 21	14°29'11	22°22	9°58	28°53	16°42	24°24	5°15	17°37	22°20	5°58	4° 2	5°20	7°13	n.a.	S 13
S 14	19 7 17	15°26'49	4♎13	11°17	29°53	17°21	24°25	5°12	17°36	22°20	5°59	4° 4	5°17	7°20	n.a.	S 14
M15	19 11 14	16°24'28	16° 3	12°33	0♊53	18° 0	24°26	5°10	17°35	22°20	5°59	4°R 4	5°14	7°26	n.a.	M15
T 16	19 15 10	17°22'08	27°57	13°48	1°54	18°38	24°27	5° 7	17°34	22°20	6° 0	4° 4	5°11	7°33	n.a.	T 16
W17	19 19 7	18°19'50	10♏ 1	15° 0	2°55	19°17	24°28	5° 4	17°33	22°21	6° 1	4° 1	5° 7	7°40	n.a.	W17
T 18	19 23 4	19°17'32	22°18	16°10	3°56	19°55	24°28	5° 2	17°32	22°21	6° 1	3°57	5° 4	7°46	n.a.	T 18
F 19	19 27 0	20°15'16	4♐53	17°18	4°58	20°34	24°28	4°59	17°31	22°21	6° 2	3°51	5° 1	7°53	n.a.	F 19
S 20	19 30 57	21°13'02	17°47	18°24	6° 0	21°12	24°R28	4°57	17°30	22°22	6° 2	3°44	4°58	8° 0	n.a.	S 20
S 21	19 34 53	22°10'49	1♑ 3	19°27	7° 2	21°51	24°28	4°55	17°29	22°22	6° 2	3°37	4°55	8° 6	n.a.	S 21
M22	19 38 50	23° 8'37	14°38	20°28	8° 4	22°29	24°28	4°53	17°28	22°22	6° 3	3°31	4°52	8°13	n.a.	M22
T 23	19 42 46	24° 6'27	28°31	21°27	9° 7	23° 7	24°27	4°50	17°27	22°23	6° 3	3°26	4°48	8°20	n.a.	T 23
W24	19 46 43	25° 4'18	12♒38	22°22	10°10	23°46	24°26	4°48	17°26	22°23	6° 4	3°22	4°45	8°26	n.a.	W24
T 25	19 50 40	26° 2'11	26°54	23°14	11°14	24°24	24°25	4°46	17°25	22°24	6° 4	3°D21	4°42	8°33	n.a.	T 25
F 26	19 54 36	27° 0'06	11♓15	24° 4	12°18	25° 2	24°24	4°45	17°24	22°24	6° 4	3°21	4°39	8°40	n.a.	F 26
S 27	19 58 33	27°58'03	25°37	24°50	13°22	25°40	24°23	4°43	17°22	22°25	6° 5	3°22	4°36	8°46	n.a.	S 27
S 28	20 2 29	28°56'02	9♈56	25°33	14°26	26°18	24°21	4°41	17°21	22°25	6° 5	3°23	4°33	8°53	n.a.	S 28
M29	20 6 26	29°54'02	24°10	26°11	15°30	26°56	24°20	4°39	17°20	22°26	6° 5	3°R24	4°29	9° 0	n.a.	M29
T 30	20 10 22	0♌52'05	8♉16	26°46	16°35	27°34	24°18	4°38	17°18	22°27	6° 6	3°24	4°26	9° 6	n.a.	T 30
W31	20 14 19	1♌50'10	22♉14	27♌17	17♊40	28♊12	24♓15	4♐37	17♓17	22♎27	6♉ 6	3♓23	4♓23	9♎13	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n42	8n 9	3n 9	23n18	1n25	13n46	3s37	22n31	0n27	3s50	1s31	20s24	1n10	5s38	0s46	6s58	1n59	2n14	12s 4	9s47	9s26	4s43		n.a.
T 2	23 41	14 24	4 2	22 56	1 19	14 2	3 36	22 38	0 28	3 49	1 31	20 24	1 10	5 38	0 46	6 58	1 59	2 14	12 4	9 48	9 27	4 47		n.a.
W 3	23 39	19 54	4 40	22 33	1 13	14 19	3 34	22 44	0 29	3 48	1 31	20 23	1 10	5 38	0 46	6 58	1 59	2 15	12 4	9 50	9 28	4 50		n.a.
T 4	23 36	24 16	5 1	22 8	1 7	14 36	3 33	22 50	0 29	3 47	1 31	20 23	1 10	5 38	0 46	6 58	1 59	2 15	12 5	9 52	9 30	4 53		n.a.
F 5	23 34	27 10	5 4	21 43	1 1	14 52	3 31	22 56	0 30	3 46	1 32	20 22	1 10	5 38	0 46	6 58	1 59	2 15	12 5	9 55	9 31	4 57		n.a.
S 6	23 30	28 22	4 48	21 17	0 54	15 9	3 29	23 2	0 31	3 45	1 32	20 22	1 10	5 38	0 46	6 58	1 59	2 15	12 5	9 59	9 32	5 0		n.a.
S 7	23 27	27 50	4 17	20 50	0 47	15 25	3 27	23 8	0 31	3 44	1 32	20 22	1 10	5 39	0 46	6 58	1 59	2 15	12 5	10 2	9 33	5 3		n.a.
M 8	23 23	25 41	3 32	20 22	0 39	15 41	3 25	23 14	0 32	3 43	1 33	20 21	1 9	5 39	0 46	6 58	1 59	2 15	12 5	10 5	9 34	5 7		n.a.
T 9	23 18	22 13	2 37	19 54	0 31	15 58	3 23	23 19	0 32	3 43	1 33	20 21	1 9	5 39	0 46	6 58	1 59	2 15	12 6	10 7	9 36	5 10		n.a.
W10	23 13	17 47	1 36	19 25	0 23	16 14	3 21	23 24	0 33	3 42	1 33	20 20	1 9	5 39	0 46	6 58	1 59	2 15	12 6	10 9	9 37	5 14		n.a.
T 11	23 8	12 41	0 31	18 55	0 15	16 30	3 18	23 29	0 34	3 42	1 34	20 20	1 9	5 39	0 46	6 58	1 59	2 15	12 6	10 9	9 38	5 17		n.a.
F 12	23 2	7 13	0s35	18 26	0 6	16 45	3 16	23 34	0 34	3 42	1 34	20 20	1 9	5 40	0 46	6 58	1 59	2 15	12 6	10 9	9 39	5 20		n.a.
S 13	22 56	1 34	1 37	17 56	0s 3	17 1	3 13	23 39	0 35	3 41	1 34	20 19	1 9	5 40	0 47	6 58	1 58	2 15	12 6	10 9	9 40	5 24		n.a.
S 14	22 50	4s 4	2 36	17 25	0 12	17 17	3 10	23 43	0 35	3 41	1 34	20 19	1 8	5 40	0 47	6 58	1 58	2 15	12 7	10 9	9 41	5 27		n.a.
M15	22 43	9 34	3 27	16 55	0 21	17 32	3 8	23 47	0 36	3 41	1 35	20 18	1 8	5 41	0 47	6 58	1 58	2 15	12 7	10 8	9 43	5 30		n.a.
T 16	22 36	14 46	4 10	16 24	0 31	17 47	3 5	23 51	0 37	3 41	1 35	20 18	1 8	5 41	0 47	6 59	1 58	2 15	12 7	10 9	9 44	5 34		n.a.
W17	22 28	19 27	4 43	15 54	0 40	18 2	3 2	23 55	0 37	3 41	1 35	20 18	1 8	5 41	0 47	6 59	1 58	2 15	12 7	10 9	9 45	5 37		n.a.
T 18	22 20	23 26	5 3	15 23	0 50	18 16	2 59	23 59	0 38	3 41	1 36	20 18	1 8	5 42	0 47	6 59	1 58	2 15	12 7	10 11	9 46	5 40		n.a.
F 19	22 11	26 26	5 9	14 53	1 0	18 31	2 56	24 2	0 38	3 41	1 36	20 17	1 8	5 42	0 47	6 59	1 58	2 15	12 8	10 13	9 47	5 44		n.a.
S 20	22 2	28 9	5 0	14 23	1 10	18 45	2 52	24 6	0 39	3 42	1 36	20 17	1 8	5 43	0 47	6 59	1 58	2 15	12 8	10 16	9 48	5 47		n.a.
S 21	21 53	28 19	4 35	13 54	1 20	18 59	2 49	24 9	0 40	3 42	1 37	20 17	1 7	5 43	0 47	6 59	1 58	2 15	12 8	10 18	9 50	5 50		n.a.
M22	21 44	26 48	3 54	13 25	1 31	19 12	2 46	24 12	0 40	3 42	1 37	20 16	1 7	5 44	0 47	7 0	1 58	2 15	12 8	10 21	9 51	5 54		n.a.
T 23	21 33	23 37	2 58	12 56	1 41	19 25	2 43	24 14	0 41	3 43	1 37	20 16	1 7	5 44	0 47	7 0	1 58	2 15	12 8	10 22	9 52	5 57		n.a.
W24	21 23	18 59	1 50	12 28	1 52	19 38	2 39	24 17	0 41	3 43	1 38	20 16	1 7	5 45	0 47	7 0	1 58	2 14	12 9	10 24	9 53	6 0		n.a.
T 25	21 12	13 15	0 35	12 1	2 2	19 50	2 36	24 19	0 42	3 44	1 38	20 16	1 7	5 45	0 47	7 0	1 58	2 14	12 9	10 24	9 54	6 4		n.a.
F 26	21 1	6 46	0n43	11 35	2 13	20 2	2 32	24 21	0 43	3 45	1 38	20 16	1 7	5 46	0 47	7 1	1 58	2 14	12 9	10 24	9 56	6 7		n.a.
S 27	20 50	0n 3	1 59	11 10	2 23	20 14	2 28	24 23	0 43	3 46	1 38	20 16	1 6	5 46	0 47	7 1	1 57	2 14	12 9	10 24	9 57	6 11		n.a.
S 28	20 38	6 50	3 6	10 46	2 33	20 25	2 25	24 25	0 44	3 47	1 39	20 15	1 6	5 47	0 47	7 1	1 57	2 14	12 9	10 23	9 58	6 14		n.a.
M29	20 25	13 14	4 2	10 23	2 43	20 36	2 21	24 27	0 45	3 48	1 39	20 15	1 6	5 47	0 47	7 1	1 57	2 14	12 10	10 23	9 59	6 17		n.a.
T 30	20 13	18 54	4 43	10 2	2 53	20 47	2 17	24 28	0 45	3 49	1 39	20 15	1 6	5 48	0 47	7 2	1 57	2 14	12 10	10 23	10 0	6 21		n.a.
W31	20n 0	23n29	5n 7	9n42	3s 3	20n57	2s14	24n29	0n46	3s50	1s40	20s15	1n 6	5s48	0s47	7s 2	1n57	2n14	12s10	10s24	10s 1	6s24		n.a.

Julian Day Number = 1597784.5, Delta T = 04h01m06s
Ecliptic obliquity = 23°44'18, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'45, Lahiri = - 8°37'44 Julian Calendar 1 July 339 BCE == Greg. Calendar 26 June 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

AUGUST 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 18 15	2♌48'17	6♊ 1	27♌43	18♊45	28♊50	24°R13	4°R35	17°R15	22♎28	6♉ 6	3°R20	4♓20	9♎20	n.a.	T 1
F 2	20 22 12	3°46'27	19°37	28° 5	19°51	29°28	24♓11	4♐34	17♓14	22°29	6° 6	3♓16	4°17	9°26	n.a.	F 2
S 3	20 26 9	4°44'38	3♋ 1	28°21	20°56	0♋ 6	24° 8	4°33	17°12	22°29	6° 7	3°11	4°13	9°33	n.a.	S 3
S 4	20 30 5	5°42'51	16°11	28°32	22° 2	0°44	24° 5	4°32	17°10	22°30	6° 7	3° 7	4°10	9°40	n.a.	S 4
M 5	20 34 2	6°41'07	29° 6	28°R38	23° 8	1°22	24° 2	4°31	17° 9	22°31	6° 7	3° 3	4° 7	9°46	n.a.	M 5
T 6	20 37 58	7°39'24	11♌47	28°37	24°15	2° 0	23°58	4°30	17° 7	22°32	6° 7	3° 1	4° 4	9°53	n.a.	T 6
W 7	20 41 55	8°37'43	24°13	28°31	25°21	2°37	23°55	4°29	17° 5	22°33	6° 7	2°59	4° 1	10° 0	n.a.	W 7
T 8	20 45 51	9°36'04	6♍26	28°18	26°28	3°15	23°51	4°29	17° 4	22°34	6° 7	2°D59	3°58	10° 6	n.a.	T 8
F 9	20 49 48	10°34'26	18°29	27°58	27°35	3°53	23°47	4°28	17° 2	22°35	6° 7	3° 0	3°54	10°13	n.a.	F 9
S 10	20 53 44	11°32'50	0♎23	27°32	28°42	4°30	23°43	4°28	17° 0	22°36	6° 7	3° 1	3°51	10°20	n.a.	S 10
S 11	20 57 41	12°31'17	12°13	26°59	29°49	5° 8	23°39	4°27	16°58	22°37	6°R 7	3° 3	3°48	10°26	n.a.	S 11
M12	21 1 37	13°29'44	24° 2	26°20	0♏56	5°46	23°35	4°27	16°56	22°38	6° 7	3° 4	3°45	10°33	n.a.	M12
T 13	21 5 34	14°28'14	5♏56	25°35	2° 4	6°23	23°30	4°27	16°54	22°39	6° 7	3° 5	3°42	10°40	n.a.	T 13
W14	21 9 31	15°26'46	17°58	24°45	3°12	7° 0	23°25	4°D27	16°52	22°40	6° 7	3°R 5	3°39	10°46	n.a.	W14
T 15	21 13 27	16°25'19	0♐14	23°49	4°20	7°38	23°20	4°27	16°50	22°41	6° 7	3° 5	3°35	10°53	n.a.	T 15
F 16	21 17 24	17°23'54	12°48	22°50	5°28	8°15	23°15	4°27	16°48	22°42	6° 7	3° 3	3°32	11° 0	n.a.	F 16
S 17	21 21 20	18°22'31	25°44	21°48	6°36	8°53	23°10	4°27	16°46	22°43	6° 7	3° 2	3°29	11° 7	n.a.	S 17
S 18	21 25 17	19°21'09	9♑ 3	20°44	7°45	9°30	23° 4	4°27	16°44	22°45	6° 7	3° 0	3°26	11°13	n.a.	S 18
M19	21 29 13	20°19'50	22°47	19°41	8°53	10° 7	22°59	4°28	16°42	22°46	6° 7	2°58	3°23	11°20	n.a.	M19
T 20	21 33 10	21°18'33	6♒55	18°38	10° 2	10°44	22°53	4°28	16°40	22°47	6° 6	2°57	3°19	11°27	n.a.	T 20
W21	21 37 6	22°17'17	21°21	17°39	11°11	11°21	22°47	4°29	16°38	22°48	6° 6	2°56	3°16	11°33	n.a.	W21
T 22	21 41 3	23°16'03	6♓ 2	16°45	12°20	11°58	22°41	4°29	16°36	22°50	6° 6	2°D56	3°13	11°40	n.a.	T 22
F 23	21 45 0	24°14'52	20°49	15°57	13°29	12°36	22°35	4°30	16°33	22°51	6° 6	2°56	3°10	11°47	n.a.	F 23
S 24	21 48 56	25°13'43	5♈37	15°16	14°39	13°13	22°29	4°31	16°31	22°53	6° 5	2°57	3° 7	11°53	n.a.	S 24
S 25	21 52 53	26°12'36	20°18	14°43	15°48	13°50	22°22	4°32	16°29	22°54	6° 5	2°57	3° 4	12° 0	n.a.	S 25
M26	21 56 49	27°11'32	4♉47	14°20	16°58	14°27	22°16	4°33	16°27	22°55	6° 5	2°58	3° 0	12° 7	n.a.	M26
T 27	22 0 46	28°10'30	19° 0	14° 7	18° 8	15° 3	22° 9	4°34	16°25	22°57	6° 5	2°58	2°57	12°13	n.a.	T 27
W28	22 4 42	29° 9'30	2♊56	14°D 3	19°18	15°40	22° 2	4°36	16°22	22°58	6° 4	2°R58	2°54	12°20	n.a.	W28
T 29	22 8 39	0♍ 8'33	16°33	14°10	20°28	16°17	21°55	4°37	16°20	23° 0	6° 4	2°58	2°51	12°27	n.a.	T 29
F 30	22 12 35	1° 7'39	29°53	14°27	21°38	16°54	21°48	4°39	16°18	23° 1	6° 4	2°58	2°48	12°33	n.a.	F 30
S 31	22 16 32	2♍ 6'47	12♋56	14♌54	22♋48	17♋31	21♓41	4♐40	16♓15	23♎ 3	6♉ 3	2♓58	2♓45	12♎40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19n47	26n42	5n12	9n24	3s13	21n 6	2s10	24n30	0n46	3s51	1s40	20s15	1n 5	5s49	0s47	7s 2	1n57	2n14	12s10	10s25	10s 3	6s27			n.a.
F 2	19 33	28 19	5 0	9 8	3 22	21 15	2 6	24 31	0 47	3 52	1 40	20 15	1 5	5 50	0 47	7 3	1 57	2 13	12 11	10 26	10 4	6 30			n.a.
S 3	19 19	28 14	4 32	8 54	3 31	21 24	2 2	24 32	0 48	3 54	1 40	20 15	1 5	5 50	0 47	7 3	1 57	2 13	12 11	10 28	10 5	6 34			n.a.
S 4	19 5	26 32	3 49	8 42	3 39	21 32	1 58	24 32	0 48	3 55	1 41	20 15	1 5	5 51	0 47	7 3	1 57	2 13	12 11	10 29	10 6	6 37			n.a.
M 5	18 50	23 27	2 55	8 33	3 47	21 39	1 54	24 33	0 49	3 56	1 41	20 15	1 5	5 52	0 47	7 4	1 57	2 13	12 11	10 31	10 7	6 40			n.a.
T 6	18 35	19 18	1 54	8 27	3 54	21 47	1 50	24 33	0 49	3 58	1 41	20 15	1 5	5 52	0 47	7 4	1 57	2 13	12 12	10 32	10 8	6 44			n.a.
W 7	18 20	14 22	0 48	8 24	4 0	21 53	1 46	24 33	0 50	4 0	1 41	20 15	1 4	5 53	0 47	7 5	1 57	2 13	12 12	10 32	10 10	6 47			n.a.
T 8	18 4	8 58	0s19	8 23	4 5	21 59	1 42	24 33	0 51	4 1	1 42	20 15	1 4	5 54	0 47	7 5	1 57	2 12	12 12	10 32	10 11	6 50			n.a.
F 9	17 48	3 19	1 24	8 26	4 9	22 5	1 38	24 32	0 51	4 3	1 42	20 15	1 4	5 55	0 47	7 5	1 57	2 12	12 12	10 32	10 12	6 54			n.a.
S 10	17 32	2s22	2 25	8 33	4 11	22 10	1 34	24 31	0 52	4 5	1 42	20 15	1 4	5 55	0 47	7 6	1 57	2 12	12 12	10 31	10 13	6 57			n.a.
S 11	17 16	7 57	3 20	8 43	4 13	22 14	1 30	24 31	0 52	4 7	1 43	20 15	1 4	5 56	0 47	7 6	1 57	2 12	12 13	10 31	10 14	7 0			n.a.
M12	16 59	13 14	4 6	8 56	4 12	22 18	1 26	24 30	0 53	4 9	1 43	20 15	1 4	5 57	0 47	7 7	1 56	2 12	12 13	10 30	10 15	7 4			n.a.
T 13	16 42	18 5	4 41	9 13	4 10	22 21	1 22	24 29	0 54	4 11	1 43	20 16	1 3	5 58	0 47	7 7	1 56	2 11	12 13	10 30	10 17	7 7			n.a.
W14	16 24	22 16	5 5	9 34	4 6	22 24	1 18	24 27	0 54	4 13	1 43	20 16	1 3	5 58	0 47	7 8	1 56	2 11	12 13	10 30	10 18	7 10			n.a.
T 15	16 7	25 35	5 16	9 58	4 1	22 26	1 14	24 26	0 55	4 15	1 43	20 16	1 3	5 59	0 47	7 8	1 56	2 11	12 14	10 30	10 19	7 14			n.a.
F 16	15 49	27 46	5 12	10 25	3 53	22 28	1 10	24 24	0 56	4 18	1 44	20 16	1 3	6 0	0 47	7 9	1 56	2 11	12 14	10 31	10 20	7 17			n.a.
S 17	15 31	28 32	4 52	10 54	3 43	22 29	1 6	24 22	0 56	4 20	1 44	20 16	1 3	6 1	0 47	7 9	1 56	2 10	12 14	10 31	10 21	7 20			n.a.
S 18	15 12	27 41	4 16	11 26	3 31	22 29	1 2	24 20	0 57	4 22	1 44	20 16	1 2	6 2	0 47	7 10	1 56	2 10	12 14	10 32	10 22	7 23			n.a.
M19	14 53	25 9	3 24	11 58	3 18	22 29	0 58	24 18	0 57	4 25	1 44	20 17	1 2	6 2	0 47	7 10	1 56	2 10	12 14	10 33	10 24	7 27			n.a.
T 20	14 35	21 1	2 19	12 32	3 2	22 28	0 54	24 16	0 58	4 27	1 45	20 17	1 2	6 3	0 48	7 11	1 56	2 10	12 15	10 33	10 25	7 30			n.a.
W21	14 15	15 34	1 4	13 6	2 46	22 26	0 50	24 13	0 59	4 30	1 45	20 17	1 2	6 4	0 48	7 11	1 56	2 9	12 15	10 33	10 26	7 33			n.a.
T 22	13 56	9 9	0n17	13 40	2 28	22 24	0 46	24 11	0 59	4 32	1 45	20 18	1 2	6 5	0 48	7 12	1 56	2 9	12 15	10 33	10 27	7 37			n.a.
F 23	13 36	2 11	1 38	14 13	2 9	22 21	0 42	24 8	1 0	4 35	1 45	20 18	1 2	6 6	0 48	7 12	1 56	2 9	12 15	10 33	10 28	7 40			n.a.
S 24	13 16	4n53	2 52	14 43	1 49	22 18	0 38	24 5	1 1	4 38	1 45	20 18	1 1	6 7	0 48	7 13	1 56	2 9	12 15	10 33	10 29	7 43			n.a.
S 25	12 56	11 37	3 54	15 12	1 30	22 14	0 34	24 1	1 1	4 40	1 45	20 19	1 1	6 8	0 48	7 13	1 56	2 8	12 16	10 33	10 31	7 46			n.a.
M26	12 36	17 39	4 40	15 37	1 10	22 9	0 30	23 58	1 2	4 43	1 46	20 19	1 1	6 9	0 48	7 14	1 56	2 8	12 16	10 33	10 32	7 50			n.a.
T 27	12 15	22 37	5 8	16 0	0 50	22 4	0 26	23 55	1 2	4 46	1 46	20 19	1 1	6 9	0 48	7 15	1 56	2 8	12 16	10 32	10 33	7 53			n.a.
W28	11 55	26 11	5 17	16 19	0 32	21 58	0 22	23 51	1 3	4 49	1 46	20 20	1 1	6 10	0 48	7 15	1 56	2 7	12 16	10 32	10 34	7 56			n.a.
T 29	11 34	28 10	5 9	16 34	0 14	21 51	0 18	23 47	1 4	4 52	1 46	20 20	1 0	6 11	0 48	7 16	1 55	2 7	12 17	10 32	10 35	8 0			n.a.
F 30	11 13	28 27	4 43	16 45	0n 3	21 44	0 15	23 43	1 4	4 55	1 46	20 21	1 0	6 12	0 48	7 16	1 55	2 7	12 17	10 33	10 36	8 3			n.a.
S 31	10n51	27n 8	4n 4	16n53	0n19	21n36	0s11	23n39	1n 5	4s58	1s46	20s21	1n 0	6s13	0s48	7s17	1n55	2n 6	12s17	10s33	10s37	8s 6			n.a.

Julian Day Number = 1597815.5, Delta T = 04h01m05s
Ecliptic obliquity = 23°44'18, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'40, Lahiri = - 8°37'40 Julian Calendar 1 Aug. 339 BCE == Greg. Calendar 27 July 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

SEPTEMBER 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 20 29	3♍ 5'57	25♋44	15♌30	23♋59	18♋ 7	21°R34	4♐42	16°R13	23♎ 5	6°R 3	2°D58	2♓41	12♎47	n.a.	S 1
M 2	22 24 25	4° 5'10	8♌18	16°15	25°10	18°44	21♓26	4°44	16♓11	23° 6	6♉ 2	2♓58	2°38	12°53	n.a.	M 2
T 3	22 28 22	5° 4'24	20°41	17° 9	26°20	19°21	21°19	4°45	16° 8	23° 8	6° 2	2°58	2°35	13° 0	n.a.	T 3
W 4	22 32 18	6° 3'41	2♍53	18°10	27°31	19°57	21°11	4°47	16° 6	23° 9	6° 1	2°R58	2°32	13° 7	n.a.	W 4
T 5	22 36 15	7° 3'00	14°56	19°17	28°42	20°34	21° 4	4°49	16° 3	23°11	6° 1	2°58	2°29	13°13	n.a.	T 5
F 6	22 40 11	8° 2'22	26°52	20°31	29°53	21°10	20°56	4°52	16° 1	23°13	6° 0	2°58	2°25	13°20	n.a.	F 6
S 7	22 44 8	9° 1'45	8♎44	21°50	1♌ 5	21°46	20°48	4°54	15°59	23°15	6° 0	2°57	2°22	13°27	n.a.	S 7
S 8	22 48 4	10° 1'10	20°32	23°14	2°16	22°23	20°40	4°56	15°56	23°16	5°59	2°56	2°19	13°33	n.a.	S 8
M 9	22 52 1	11° 0'38	2♏22	24°42	3°27	22°59	20°32	4°59	15°54	23°18	5°59	2°55	2°16	13°40	n.a.	M 9
T 10	22 55 57	12° 0'07	14°15	26°13	4°39	23°35	20°25	5° 1	15°51	23°20	5°58	2°54	2°13	13°47	n.a.	T 10
W11	22 59 54	12°59'38	26°16	27°47	5°51	24°12	20°17	5° 4	15°49	23°22	5°57	2°53	2°10	13°53	n.a.	W11
T 12	23 3 51	13°59'11	8♐29	29°23	7° 2	24°48	20° 9	5° 6	15°46	23°23	5°57	2°D52	2° 6	14° 0	n.a.	T 12
F 13	23 7 47	14°58'46	20°58	1♍ 1	8°14	25°24	20° 0	5° 9	15°44	23°25	5°56	2°52	2° 3	14° 7	n.a.	F 13
S 14	23 11 44	15°58'23	3♑48	2°41	9°26	26° 0	19°52	5°12	15°42	23°27	5°55	2°53	2° 0	14°14	n.a.	S 14
S 15	23 15 40	16°58'02	17° 2	4°22	10°38	26°36	19°44	5°15	15°39	23°29	5°55	2°54	1°57	14°20	n.a.	S 15
M16	23 19 37	17°57'43	0♒43	6° 3	11°50	27°12	19°36	5°18	15°37	23°31	5°54	2°55	1°54	14°27	n.a.	M16
T 17	23 23 33	18°57'25	14°50	7°45	13° 3	27°48	19°28	5°21	15°34	23°33	5°53	2°56	1°51	14°34	n.a.	T 17
W18	23 27 30	19°57'09	29°23	9°28	14°15	28°24	19°20	5°25	15°32	23°35	5°53	2°R57	1°47	14°40	n.a.	W18
T 19	23 31 26	20°56'56	14♓17	11°10	15°27	28°59	19°12	5°28	15°29	23°37	5°52	2°57	1°44	14°47	n.a.	T 19
F 20	23 35 23	21°56'44	29°23	12°53	16°40	29°35	19° 4	5°31	15°27	23°39	5°51	2°55	1°41	14°54	n.a.	F 20
S 21	23 39 20	22°56'34	14♈34	14°36	17°53	0♌11	18°56	5°35	15°25	23°41	5°50	2°53	1°38	15° 0	n.a.	S 21
S 22	23 43 16	23°56'27	29°38	16°18	19° 5	0°46	18°48	5°38	15°22	23°43	5°49	2°51	1°35	15° 7	n.a.	S 22
M23	23 47 13	24°56'21	14♉28	18° 1	20°18	1°22	18°40	5°42	15°20	23°45	5°49	2°48	1°31	15°14	n.a.	M23
T 24	23 51 9	25°56'19	28°58	19°43	21°31	1°58	18°32	5°46	15°17	23°47	5°48	2°45	1°28	15°20	n.a.	T 24
W25	23 55 6	26°56'18	13♊ 2	21°24	22°44	2°33	18°24	5°50	15°15	23°49	5°47	2°43	1°25	15°27	n.a.	W25
T 26	23 59 2	27°56'20	26°41	23° 6	23°57	3° 8	18°16	5°53	15°13	23°51	5°46	2°D43	1°22	15°34	n.a.	T 26
F 27	0 2 59	28°56'24	9♋55	24°46	25°10	3°44	18° 8	5°57	15°10	23°53	5°45	2°43	1°19	15°40	n.a.	F 27
S 28	0 6 55	29°56'31	22°48	26°27	26°24	4°19	18° 0	6° 1	15° 8	23°55	5°44	2°44	1°16	15°47	n.a.	S 28
S 29	0 10 52	0♎56'39	5♌22	28° 7	27°37	4°54	17°52	6° 6	15° 6	23°57	5°43	2°46	1°12	15°54	n.a.	S 29
M30	0 14 49	1♎56'50	17♌41	29♍46	28♌50	5♌30	17♓45	6♐10	15♓ 3	23♎59	5♉43	2♓48	1♓ 9	16♎ 0	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n30	24n25	3n12	16n56	0n34	21n28	0s 7	23n35	1n 6	5s 1	1s46	20s22	1n 0	6s14	0s48	7s18	1n55	2n 6	12s17	10s33	10s39	8s 9		n.a.
M 2	10 8	20 33	2 13	16 55	0 48	21 19	0 3	23 30	1 6	5 4	1 47	20 22	1 0	6 15	0 48	7 18	1 55	2 6	12 17	10 33	10 40	8 13		n.a.
T 3	9 46	15 51	1 8	16 51	1 0	21 9	0n 0	23 25	1 7	5 7	1 47	20 23	1 0	6 16	0 48	7 19	1 55	2 5	12 18	10 33	10 41	8 16		n.a.
W 4	9 24	10 35	0 0	16 42	1 11	20 59	0 4	23 21	1 7	5 10	1 47	20 23	0 59	6 17	0 48	7 20	1 55	2 5	12 18	10 33	10 42	8 19		n.a.
T 5	9 2	5 0	1s 6	16 30	1 21	20 48	0 7	23 16	1 8	5 13	1 47	20 24	0 59	6 18	0 48	7 20	1 55	2 5	12 18	10 33	10 43	8 22		n.a.
F 6	8 40	0s42	2 9	16 14	1 29	20 36	0 11	23 11	1 9	5 16	1 47	20 24	0 59	6 19	0 48	7 21	1 55	2 4	12 18	10 33	10 44	8 26		n.a.
S 7	8 17	6 20	3 6	15 55	1 37	20 24	0 14	23 6	1 9	5 20	1 47	20 25	0 59	6 20	0 48	7 22	1 55	2 4	12 18	10 33	10 46	8 29		n.a.
S 8	7 54	11 44	3 54	15 33	1 43	20 11	0 18	23 0	1 10	5 23	1 47	20 25	0 59	6 21	0 48	7 22	1 55	2 4	12 18	10 33	10 47	8 32		n.a.
M 9	7 32	16 42	4 33	15 8	1 48	19 58	0 21	22 55	1 11	5 26	1 47	20 26	0 59	6 22	0 48	7 23	1 55	2 3	12 19	10 34	10 48	8 35		n.a.
T 10	7 9	21 5	5 0	14 41	1 51	19 44	0 24	22 49	1 11	5 29	1 47	20 27	0 58	6 23	0 48	7 24	1 55	2 3	12 19	10 34	10 49	8 39		n.a.
W11	6 46	24 39	5 15	14 11	1 54	19 30	0 28	22 43	1 12	5 32	1 47	20 27	0 58	6 24	0 48	7 25	1 55	2 3	12 19	10 34	10 50	8 42		n.a.
T 12	6 23	27 11	5 15	13 38	1 56	19 15	0 31	22 37	1 12	5 36	1 47	20 28	0 58	6 24	0 48	7 25	1 55	2 2	12 19	10 35	10 51	8 45		n.a.
F 13	5 59	28 26	5 1	13 4	1 57	18 59	0 34	22 31	1 13	5 39	1 47	20 29	0 58	6 25	0 48	7 26	1 55	2 2	12 19	10 35	10 52	8 48		n.a.
S 14	5 36	28 13	4 32	12 28	1 57	18 43	0 37	22 25	1 14	5 42	1 47	20 29	0 58	6 26	0 48	7 27	1 55	2 2	12 20	10 34	10 54	8 52		n.a.
S 15	5 13	26 24	3 48	11 51	1 57	18 26	0 40	22 19	1 14	5 45	1 47	20 30	0 58	6 27	0 48	7 27	1 55	2 1	12 20	10 34	10 55	8 55		n.a.
M16	4 49	23 0	2 49	11 12	1 56	18 9	0 43	22 12	1 15	5 49	1 47	20 31	0 57	6 28	0 48	7 28	1 55	2 1	12 20	10 34	10 56	8 58		n.a.
T 17	4 25	18 9	1 39	10 32	1 54	17 51	0 46	22 6	1 16	5 52	1 47	20 31	0 57	6 29	0 48	7 29	1 55	2 0	12 20	10 33	10 57	9 1		n.a.
W18	4 2	12 8	0 20	9 51	1 52	17 32	0 49	21 59	1 16	5 55	1 47	20 32	0 57	6 30	0 48	7 30	1 55	2 0	12 20	10 33	10 58	9 5		n.a.
T 19	3 38	5 18	1n 2	9 8	1 49	17 13	0 52	21 52	1 17	5 58	1 47	20 33	0 57	6 31	0 48	7 30	1 55	2 0	12 20	10 33	10 59	9 8		n.a.
F 20	3 14	1n54	2 21	8 26	1 46	16 54	0 54	21 45	1 18	6 1	1 47	20 34	0 57	6 32	0 48	7 31	1 55	1 59	12 20	10 34	11 1	9 11		n.a.
S 21	2 50	9 1	3 30	7 42	1 42	16 34	0 57	21 38	1 18	6 4	1 47	20 34	0 57	6 33	0 48	7 32	1 55	1 59	12 21	10 34	11 2	9 14		n.a.
S 22	2 26	15 35	4 24	6 58	1 38	16 14	1 0	21 31	1 19	6 8	1 47	20 35	0 56	6 34	0 48	7 33	1 54	1 58	12 21	10 35	11 3	9 17		n.a.
M23	2 2	21 8	4 59	6 14	1 34	15 53	1 2	21 24	1 20	6 11	1 47	20 36	0 56	6 35	0 48	7 34	1 54	1 58	12 21	10 36	11 4	9 21		n.a.
T 24	1 38	25 17	5 14	5 29	1 29	15 31	1 4	21 16	1 20	6 14	1 47	20 37	0 56	6 36	0 48	7 34	1 54	1 58	12 21	10 37	11 5	9 24		n.a.
W25	1 14	27 46	5 10	4 44	1 24	15 10	1 7	21 9	1 21	6 17	1 47	20 38	0 56	6 37	0 48	7 35	1 54	1 57	12 21	10 38	11 6	9 27		n.a.
T 26	0 50	28 29	4 48	3 59	1 19	14 47	1 9	21 1	1 22	6 20	1 47	20 39	0 56	6 38	0 48	7 36	1 54	1 57	12 21	10 38	11 7	9 30		n.a.
F 27	0 26	27 32	4 11	3 13	1 13	14 25	1 11	20 54	1 22	6 23	1 47	20 39	0 56	6 39	0 48	7 37	1 54	1 56	12 21	10 38	11 9	9 34		n.a.
S 28	0 1	25 6	3 22	2 28	1 7	14 1	1 13	20 46	1 23	6 26	1 47	20 40	0 56	6 39	0 48	7 38	1 54	1 56	12 22	10 38	11 10	9 37		n.a.
S 29	0s23	21 30	2 25	1 42	1 2	13 38	1 16	20 38	1 24	6 29	1 47	20 41	0 55	6 40	0 48	7 38	1 54	1 56	12 22	10 37	11 11	9 40		n.a.
M30	0s47	17n 1	1n22	0n56	0n56	13n14	1n17	20n30	1n24	6s32	1s47	20s42	0n55	6s41	0s48	7s39	1n54	1n55	12s22	10s36	11s12	9s43		n.a.

Julian Day Number = 1597846.5, Delta T = 04h01m03s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'36, Lahiri = - 8°37'36 Julian Calendar 1 Sept. 339 BCE == Greg. Calendar 27 Aug. 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

OCTOBER 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 18 45	2♎57'03	29♌50	1♎25	0♍ 4	6♌ 5	17°R37	6♐14	15°R 1	24♎ 1	5°R42	2°R49	1♓ 6	16♎ 7	n.a.	T 1
W 2	0 22 42	3°57'17	11♍50	3° 4	1°17	6°40	17♓30	6°19	14♓59	24° 4	5♉41	2♓48	1° 3	16°14	n.a.	W 2
T 3	0 26 38	4°57'34	23°44	4°42	2°31	7°15	17°22	6°23	14°56	24° 6	5°40	2°46	1° 0	16°20	n.a.	T 3
F 4	0 30 35	5°57'53	5♎35	6°20	3°44	7°50	17°15	6°27	14°54	24° 8	5°39	2°42	0°56	16°27	n.a.	F 4
S 5	0 34 31	6°58'14	17°25	7°57	4°58	8°25	17° 8	6°32	14°52	24°10	5°38	2°37	0°53	16°34	n.a.	S 5
S 6	0 38 28	7°58'36	29°15	9°34	6°12	8°59	17° 1	6°37	14°50	24°12	5°37	2°31	0°50	16°41	n.a.	S 6
M 7	0 42 24	8°59'00	11♏ 7	11°10	7°26	9°34	16°54	6°41	14°48	24°14	5°36	2°24	0°47	16°47	n.a.	M 7
T 8	0 46 21	9°59'26	23° 3	12°46	8°40	10° 9	16°47	6°46	14°46	24°17	5°35	2°17	0°44	16°54	n.a.	T 8
W 9	0 50 17	10°59'53	5♐ 6	14°22	9°54	10°43	16°40	6°51	14°43	24°19	5°34	2°10	0°41	17° 1	n.a.	W 9
T 10	0 54 14	12° 0'22	17°19	15°57	11° 8	11°18	16°33	6°56	14°41	24°21	5°33	2° 6	0°37	17° 7	n.a.	T 10
F 11	0 58 11	13° 0'53	29°46	17°32	12°22	11°52	16°27	7° 1	14°39	24°23	5°32	2° 3	0°34	17°14	n.a.	F 11
S 12	1 2 7	14° 1'25	12♑29	19° 6	13°36	12°27	16°21	7° 6	14°37	24°25	5°31	2°D 2	0°31	17°21	n.a.	S 12
S 13	1 6 4	15° 1'58	25°34	20°41	14°50	13° 1	16°14	7°11	14°35	24°28	5°30	2° 2	0°28	17°27	n.a.	S 13
M14	1 10 0	16° 2'33	9♒ 4	22°15	16° 4	13°35	16° 8	7°17	14°33	24°30	5°28	2° 4	0°25	17°34	n.a.	M14
T 15	1 13 57	17° 3'09	23° 0	23°48	17°19	14° 9	16° 2	7°22	14°31	24°32	5°27	2° 5	0°22	17°41	n.a.	T 15
W16	1 17 53	18° 3'46	7♓24	25°22	18°33	14°43	15°57	7°27	14°29	24°34	5°26	2°R 5	0°18	17°47	n.a.	W16
T 17	1 21 50	19° 4'25	22°13	26°55	19°47	15°17	15°51	7°33	14°27	24°37	5°25	2° 3	0°15	17°54	n.a.	T 17
F 18	1 25 46	20° 5'05	7♈21	28°28	21° 2	15°51	15°46	7°38	14°26	24°39	5°24	2° 0	0°12	18° 1	n.a.	F 18
S 19	1 29 43	21° 5'46	22°39	0♏ 1	22°16	16°25	15°40	7°43	14°24	24°41	5°23	1°54	0° 9	18° 7	n.a.	S 19
S 20	1 33 40	22° 6'29	7♉58	1°33	23°31	16°59	15°35	7°49	14°22	24°43	5°22	1°46	0° 6	18°14	n.a.	S 20
M21	1 37 36	23° 7'14	23° 4	3° 5	24°45	17°32	15°30	7°55	14°20	24°46	5°21	1°38	0° 2	18°21	n.a.	M21
T 22	1 41 33	24° 8'00	7♊50	4°37	26° 0	18° 6	15°26	8° 0	14°19	24°48	5°20	1°30	29♒59	18°28	n.a.	T 22
W23	1 45 29	25° 8'48	22° 8	6° 9	27°14	18°39	15°21	8° 6	14°17	24°50	5°19	1°24	29°56	18°34	n.a.	W23
T 24	1 49 26	26° 9'37	5♋57	7°41	28°29	19°13	15°17	8°12	14°15	24°52	5°17	1°20	29°53	18°41	n.a.	T 24
F 25	1 53 22	27°10'28	19°16	9°12	29°44	19°46	15°12	8°18	14°14	24°55	5°16	1°17	29°50	18°48	n.a.	F 25
S 26	1 57 19	28°11'21	2♌ 9	10°44	0♎59	20°19	15° 8	8°24	14°12	24°57	5°15	1°D17	29°47	18°54	n.a.	S 26
S 27	2 1 15	29°12'15	14°39	12°14	2°13	20°53	15° 4	8°30	14°10	24°59	5°14	1°18	29°43	19° 1	n.a.	S 27
M28	2 5 12	0♏13'11	26°52	13°45	3°28	21°26	15° 1	8°36	14° 9	25° 1	5°13	1°R19	29°40	19° 8	n.a.	M28
T 29	2 9 9	1°14'08	8♍53	15°16	4°43	21°59	14°57	8°42	14° 8	25° 4	5°12	1°19	29°37	19°14	n.a.	T 29
W30	2 13 5	2°15'07	20°46	16°46	5°58	22°31	14°54	8°48	14° 6	25° 6	5°11	1°16	29°34	19°21	n.a.	W30
T 31	2 17 2	3♏16'06	2♎35	18♏16	7♎13	23♌ 4	14♓51	8♐54	14♓ 5	25♎ 8	5♉ 9	1♓12	29♒31	19♎28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1s11	11n56	0n16	0n11	0n50	12n50	1n19	20n21	1n25	6s35	1s46	20s43	0n55	6s42	0s48	7s40	1n54	1n55	12s22	10s36	11s13	9s46			n.a.
W 2	1 35	6 27	0s49	0s34	0 43	12 25	1 21	20 13	1 26	6 38	1 46	20 44	0 55	6 43	0 47	7 41	1 54	1 54	12 22	10 36	11 14	9 49			n.a.
T 3	2 0	0 48	1 52	1 20	0 37	12 0	1 23	20 5	1 26	6 40	1 46	20 45	0 55	6 44	0 47	7 42	1 54	1 54	12 22	10 37	11 15	9 53			n.a.
F 4	2 24	4s50	2 49	2 5	0 31	11 34	1 25	19 56	1 27	6 43	1 46	20 46	0 55	6 45	0 47	7 42	1 54	1 54	12 22	10 38	11 17	9 56			n.a.
S 5	2 48	10 17	3 39	2 49	0 24	11 8	1 26	19 48	1 28	6 46	1 46	20 47	0 54	6 46	0 47	7 43	1 54	1 53	12 22	10 40	11 18	9 59			n.a.
S 6	3 12	15 23	4 20	3 34	0 18	10 42	1 28	19 39	1 28	6 49	1 46	20 48	0 54	6 46	0 47	7 44	1 54	1 53	12 22	10 43	11 19	10 2			n.a.
M 7	3 36	19 55	4 49	4 18	0 11	10 16	1 29	19 30	1 29	6 51	1 45	20 48	0 54	6 47	0 47	7 45	1 54	1 52	12 23	10 45	11 20	10 5			n.a.
T 8	4 0	23 41	5 6	5 2	0 4	9 49	1 31	19 22	1 30	6 54	1 45	20 49	0 54	6 48	0 47	7 46	1 54	1 52	12 23	10 48	11 21	10 9			n.a.
W 9	4 24	26 29	5 10	5 46	0s 2	9 22	1 32	19 13	1 30	6 56	1 45	20 50	0 54	6 49	0 47	7 47	1 54	1 52	12 23	10 50	11 22	10 12			n.a.
T 10	4 48	28 5	4 59	6 29	0 9	8 55	1 33	19 4	1 31	6 59	1 45	20 51	0 54	6 50	0 47	7 47	1 54	1 51	12 23	10 52	11 23	10 15			n.a.
F 11	5 12	28 19	4 35	7 12	0 15	8 27	1 34	18 55	1 32	7 1	1 45	20 52	0 54	6 50	0 47	7 48	1 54	1 51	12 23	10 53	11 25	10 18			n.a.
S 12	5 36	27 4	3 56	7 54	0 22	7 59	1 35	18 46	1 33	7 3	1 45	20 53	0 53	6 51	0 47	7 49	1 54	1 50	12 23	10 53	11 26	10 21			n.a.
S 13	6 0	24 19	3 5	8 36	0 28	7 31	1 36	18 36	1 33	7 6	1 44	20 54	0 53	6 52	0 47	7 50	1 54	1 50	12 23	10 53	11 27	10 24			n.a.
M14	6 23	20 10	2 1	9 18	0 35	7 3	1 37	18 27	1 34	7 8	1 44	20 55	0 53	6 53	0 47	7 51	1 54	1 50	12 23	10 52	11 28	10 28			n.a.
T 15	6 47	14 47	0 49	9 59	0 41	6 34	1 38	18 18	1 35	7 10	1 44	20 56	0 53	6 54	0 47	7 52	1 54	1 49	12 23	10 52	11 29	10 31			n.a.
W16	7 10	8 27	0n29	10 40	0 47	6 5	1 38	18 8	1 35	7 12	1 44	20 57	0 53	6 54	0 47	7 52	1 54	1 49	12 23	10 52	11 30	10 34			n.a.
T 17	7 34	1 30	1 47	11 20	0 54	5 36	1 39	17 59	1 36	7 14	1 43	20 58	0 53	6 55	0 47	7 53	1 54	1 48	12 23	10 52	11 31	10 37			n.a.
F 18	7 57	5n41	2 58	11 59	1 0	5 7	1 40	17 49	1 37	7 16	1 43	20 59	0 53	6 56	0 47	7 54	1 54	1 48	12 23	10 54	11 32	10 40			n.a.
S 19	8 20	12 36	3 58	12 38	1 6	4 38	1 40	17 40	1 37	7 18	1 43	21 0	0 53	6 56	0 47	7 55	1 54	1 48	12 23	10 56	11 34	10 43			n.a.
S 20	8 43	18 45	4 41	13 17	1 12	4 8	1 40	17 30	1 38	7 19	1 43	21 1	0 52	6 57	0 47	7 56	1 54	1 47	12 23	10 59	11 35	10 46			n.a.
M21	9 6	23 39	5 3	13 54	1 17	3 39	1 41	17 20	1 39	7 21	1 42	21 3	0 52	6 58	0 47	7 57	1 54	1 47	12 23	11 2	11 36	10 50			n.a.
T 22	9 28	26 54	5 5	14 31	1 23	3 9	1 41	17 10	1 40	7 23	1 42	21 4	0 52	6 58	0 47	7 57	1 54	1 47	12 23	11 4	11 37	10 53			n.a.
W23	9 51	28 16	4 47	15 8	1 29	2 39	1 41	17 1	1 40	7 24	1 42	21 5	0 52	6 59	0 47	7 58	1 54	1 46	12 23	11 7	11 38	10 56			n.a.
T 24	10 13	27 49	4 13	15 43	1 34	2 9	1 41	16 51	1 41	7 26	1 42	21 6	0 52	7 0	0 47	7 59	1 54	1 46	12 23	11 8	11 39	10 59			n.a.
F 25	10 36	25 44	3 26	16 18	1 39	1 39	1 41	16 41	1 42	7 27	1 41	21 7	0 52	7 0	0 47	8 0	1 54	1 45	12 23	11 9	11 40	11 2			n.a.
S 26	10 58	22 22	2 30	16 52	1 44	1 9	1 41	16 31	1 43	7 29	1 41	21 8	0 52	7 1	0 47	8 1	1 54	1 45	12 23	11 9	11 41	11 5			n.a.
S 27	11 20	18 3	1 28	17 25	1 49	0 39	1 41	16 21	1 43	7 30	1 41	21 9	0 52	7 1	0 47	8 2	1 54	1 45	12 23	11 9	11 43	11 8			n.a.
M28	11 41	13 5	0 24	17 58	1 53	0 8	1 41	16 11	1 44	7 31	1 40	21 10	0 51	7 2	0 47	8 2	1 54	1 44	12 23	11 9	11 44	11 12			n.a.
T 29	12 3	7 43	0s40	18 29	1 57	0s22	1 40	16 0	1 45	7 32	1 40	21 11	0 51	7 2	0 47	8 3	1 54	1 44	12 23	11 9	11 45	11 15			n.a.
W30	12 24	2 9	1 42	18 59	2 1	0 52	1 40	15 50	1 46	7 33	1 40	21 12	0 51	7 3	0 47	8 4	1 54	1 44	12 23	11 9	11 46	11 18			n.a.
T 31	12s45	3s28	2s39	19s29	2s 5	1s23	1n39	15n40	1n46	7s34	1s40	21s13	0n51	7s 3	0s47	8s 5	1n54	1n43	12s23	11s11	11s47	11s21			n.a.

Julian Day Number = 1597876.5, Delta T = 04h01m02s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'32, Lahiri = - 8°37'32 Julian Calendar 1 Oct. 339 BCE == Greg. Calendar 26 Sept. 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

NOVEMBER 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 20 58	4♏17'07	14♎24	19♏45	8♎28	23♌37	14°R48	9♐ 0	14°R 3	25♎10	5°R 8	1°R 4	29♒27	19♎34	n.a.	F 1
S 2	2 24 55	5°18'10	26°14	21°14	9°43	24° 9	14♓45	9° 6	14♓ 2	25°13	5♉ 7	0♓54	29°24	19°41	n.a.	S 2
S 3	2 28 51	6°19'13	8♏ 8	22°42	10°58	24°42	14°43	9°13	14° 1	25°15	5° 6	0°42	29°21	19°48	n.a.	S 3
M 4	2 32 48	7°20'17	20° 7	24°10	12°13	25°14	14°41	9°19	14° 0	25°17	5° 5	0°28	29°18	19°55	n.a.	M 4
T 5	2 36 44	8°21'23	2♐11	25°37	13°28	25°46	14°39	9°25	13°59	25°19	5° 4	0°15	29°15	20° 1	n.a.	T 5
W 6	2 40 41	9°22'29	14°23	27° 3	14°43	26°19	14°37	9°32	13°58	25°22	5° 3	0° 3	29°12	20° 8	n.a.	W 6
T 7	2 44 38	10°23'36	26°44	28°29	15°58	26°51	14°35	9°38	13°56	25°24	5° 1	29♒53	29° 8	20°15	n.a.	T 7
F 8	2 48 34	11°24'44	9♑15	29°53	17°13	27°22	14°34	9°45	13°55	25°26	5° 0	29°46	29° 5	20°21	n.a.	F 8
S 9	2 52 31	12°25'52	22° 0	1♐15	18°28	27°54	14°33	9°51	13°54	25°28	4°59	29°41	29° 2	20°28	n.a.	S 9
S 10	2 56 27	13°27'01	5♒ 1	2°37	19°43	28°26	14°31	9°58	13°54	25°30	4°58	29°40	28°59	20°35	n.a.	S 10
M11	3 0 24	14°28'10	18°21	3°56	20°58	28°57	14°31	10° 4	13°53	25°33	4°57	29°D39	28°56	20°41	n.a.	M11
T 12	3 4 20	15°29'19	2♓ 5	5°13	22°14	29°29	14°30	10°11	13°52	25°35	4°56	29°R40	28°53	20°48	n.a.	T 12
W13	3 8 17	16°30'29	16°12	6°27	23°29	0♍ 0	14°30	10°17	13°51	25°37	4°55	29°39	28°49	20°55	n.a.	W13
T 14	3 12 14	17°31'39	0♈43	7°39	24°44	0°31	14°D30	10°24	13°50	25°39	4°54	29°36	28°46	21° 1	n.a.	T 14
F 15	3 16 10	18°32'50	15°35	8°47	25°59	1° 2	14°30	10°31	13°50	25°41	4°52	29°30	28°43	21° 8	n.a.	F 15
S 16	3 20 7	19°34'01	0♉42	9°51	27°14	1°33	14°30	10°38	13°49	25°43	4°51	29°21	28°40	21°15	n.a.	S 16
S 17	3 24 3	20°35'12	15°54	10°51	28°29	2° 4	14°30	10°44	13°49	25°45	4°50	29°10	28°37	21°22	n.a.	S 17
M18	3 28 0	21°36'24	1♊ 0	11°45	29°45	2°35	14°31	10°51	13°48	25°47	4°49	28°59	28°33	21°28	n.a.	M18
T 19	3 31 56	22°37'37	15°51	12°34	1♏ 0	3° 5	14°32	10°58	13°48	25°49	4°48	28°47	28°30	21°35	n.a.	T 19
W20	3 35 53	23°38'50	0♋17	13°15	2°15	3°35	14°33	11° 5	13°47	25°52	4°47	28°37	28°27	21°42	n.a.	W20
T 21	3 39 49	24°40'03	14°15	13°49	3°30	4° 6	14°34	11°12	13°47	25°54	4°46	28°30	28°24	21°48	n.a.	T 21
F 22	3 43 46	25°41'17	27°42	14°14	4°46	4°36	14°36	11°18	13°47	25°56	4°45	28°25	28°21	21°55	n.a.	F 22
S 23	3 47 43	26°42'32	10♌41	14°30	6° 1	5° 6	14°37	11°25	13°46	25°58	4°44	28°23	28°18	22° 2	n.a.	S 23
S 24	3 51 39	27°43'47	23°16	14°R35	7°16	5°35	14°39	11°32	13°46	26° 0	4°43	28°22	28°14	22° 8	n.a.	S 24
M25	3 55 36	28°45'02	5♍30	14°30	8°32	6° 5	14°41	11°39	13°46	26° 2	4°42	28°22	28°11	22°15	n.a.	M25
T 26	3 59 32	29°46'18	17°31	14°12	9°47	6°34	14°44	11°46	13°46	26° 4	4°41	28°21	28° 8	22°22	n.a.	T 26
W27	4 3 29	0♐47'35	29°23	13°43	11° 2	7° 4	14°46	11°53	13°46	26° 6	4°40	28°19	28° 5	22°29	n.a.	W27
T 28	4 7 25	1°48'51	11♎11	13° 2	12°17	7°33	14°49	12° 0	13°D46	26° 7	4°39	28°13	28° 2	22°35	n.a.	T 28
F 29	4 11 22	2°50'08	23° 0	12°10	13°33	8° 2	14°52	12° 7	13°46	26° 9	4°38	28° 5	27°59	22°42	n.a.	F 29
S 30	4 15 18	3♐51'25	4♏53	11♐ 8	14♏48	8♍30	14♓55	12♐14	13♓46	26♎11	4♉37	27♒54	27♒55	22♎49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s 6	8s56	3s28	19s57	2s 8	1s53	1n39	15n30	1n47	7s35	1s39	21s14	0n51	7s 4	0s47	8s 6	1n54	1n43	12s23	11s14	11s48	11s24		n.a.
S 2	13 27	14 6	4 9	20 24	2 11	2 23	1 38	15 20	1 48	7 36	1 39	21 15	0 51	7 4	0 47	8 6	1 54	1 43	12 23	11 18	11 49	11 27		n.a.
S 3	13 48	18 47	4 39	20 50	2 14	2 54	1 38	15 9	1 49	7 36	1 39	21 16	0 51	7 5	0 47	8 7	1 54	1 42	12 23	11 22	11 51	11 30		n.a.
M 4	14 8	22 45	4 57	21 15	2 16	3 24	1 37	14 59	1 49	7 37	1 38	21 17	0 51	7 5	0 47	8 8	1 54	1 42	12 23	11 27	11 52	11 33		n.a.
T 5	14 28	25 46	5 1	21 38	2 18	3 54	1 36	14 49	1 50	7 37	1 38	21 18	0 51	7 6	0 47	8 9	1 54	1 42	12 23	11 31	11 53	11 36		n.a.
W 6	14 48	27 39	4 52	22 0	2 19	4 25	1 35	14 38	1 51	7 38	1 38	21 20	0 50	7 6	0 47	8 10	1 54	1 41	12 23	11 36	11 54	11 39		n.a.
T 7	15 7	28 11	4 30	22 21	2 20	4 55	1 34	14 28	1 52	7 38	1 37	21 21	0 50	7 6	0 46	8 10	1 54	1 41	12 23	11 39	11 55	11 43		n.a.
F 8	15 27	27 18	3 54	22 40	2 21	5 25	1 33	14 18	1 53	7 39	1 37	21 22	0 50	7 7	0 46	8 11	1 54	1 41	12 23	11 42	11 56	11 46		n.a.
S 9	15 46	24 58	3 5	22 57	2 20	5 55	1 32	14 7	1 53	7 39	1 37	21 23	0 50	7 7	0 46	8 12	1 54	1 40	12 23	11 43	11 57	11 49		n.a.
S 10	16 4	21 18	2 7	23 13	2 20	6 24	1 31	13 57	1 54	7 39	1 37	21 24	0 50	7 7	0 46	8 13	1 54	1 40	12 23	11 44	11 58	11 52		n.a.
M11	16 23	16 27	1 0	23 28	2 18	6 54	1 30	13 46	1 55	7 39	1 36	21 25	0 50	7 8	0 46	8 14	1 54	1 40	12 23	11 44	11 59	11 55		n.a.
T 12	16 41	10 40	0n13	23 40	2 16	7 24	1 28	13 36	1 56	7 39	1 36	21 26	0 50	7 8	0 46	8 14	1 54	1 40	12 23	11 44	12 1	11 58		n.a.
W13	16 59	4 11	1 26	23 50	2 13	7 53	1 27	13 26	1 57	7 39	1 36	21 27	0 50	7 8	0 46	8 15	1 54	1 39	12 22	11 44	12 2	12 1		n.a.
T 14	17 16	2n40	2 36	23 59	2 9	8 22	1 26	13 15	1 57	7 38	1 35	21 28	0 50	7 9	0 46	8 16	1 54	1 39	12 22	11 45	12 3	12 4		n.a.
F 15	17 34	9 33	3 37	24 5	2 4	8 51	1 24	13 5	1 58	7 38	1 35	21 29	0 49	7 9	0 46	8 17	1 54	1 39	12 22	11 47	12 4	12 7		n.a.
S 16	17 51	15 58	4 24	24 10	1 59	9 20	1 23	12 54	1 59	7 38	1 35	21 30	0 49	7 9	0 46	8 17	1 54	1 38	12 22	11 50	12 5	12 10		n.a.
S 17	18 7	21 27	4 52	24 12	1 52	9 49	1 21	12 44	2 0	7 37	1 34	21 31	0 49	7 9	0 46	8 18	1 54	1 38	12 22	11 54	12 6	12 13		n.a.
M18	18 23	25 30	5 0	24 12	1 44	10 17	1 19	12 34	2 1	7 37	1 34	21 32	0 49	7 9	0 46	8 19	1 54	1 38	12 22	11 58	12 7	12 16		n.a.
T 19	18 39	27 44	4 47	24 9	1 35	10 45	1 18	12 23	2 2	7 36	1 34	21 33	0 49	7 9	0 46	8 20	1 54	1 38	12 22	12 3	12 8	12 19		n.a.
W20	18 55	28 0	4 16	24 5	1 25	11 13	1 16	12 13	2 2	7 35	1 33	21 34	0 49	7 10	0 46	8 20	1 54	1 37	12 22	12 6	12 10	12 22		n.a.
T 21	19 10	26 27	3 30	23 57	1 13	11 41	1 14	12 2	2 3	7 34	1 33	21 36	0 49	7 10	0 46	8 21	1 54	1 37	12 22	12 9	12 11	12 25		n.a.
F 22	19 25	23 24	2 34	23 48	1 0	12 8	1 12	11 52	2 4	7 34	1 33	21 37	0 49	7 10	0 46	8 22	1 54	1 37	12 22	12 10	12 12	12 29		n.a.
S 23	19 40	19 15	1 32	23 35	0 46	12 35	1 11	11 42	2 5	7 33	1 32	21 38	0 49	7 10	0 46	8 23	1 54	1 37	12 21	12 11	12 13	12 32		n.a.
S 24	19 54	14 22	0 27	23 20	0 30	13 2	1 9	11 31	2 6	7 32	1 32	21 39	0 49	7 10	0 46	8 23	1 54	1 37	12 21	12 11	12 14	12 35		n.a.
M25	20 8	9 2	0s38	23 3	0 14	13 28	1 7	11 21	2 7	7 31	1 32	21 40	0 49	7 10	0 46	8 24	1 54	1 36	12 21	12 11	12 15	12 38		n.a.
T 26	20 21	3 28	1 39	22 43	0n 4	13 54	1 5	11 11	2 8	7 29	1 31	21 41	0 48	7 10	0 46	8 25	1 55	1 36	12 21	12 12	12 16	12 41		n.a.
W27	20 34	2s 8	2 36	22 21	0 23	14 20	1 3	11 1	2 9	7 28	1 31	21 42	0 48	7 10	0 46	8 25	1 55	1 36	12 21	12 12	12 17	12 44		n.a.
T 28	20 47	7 37	3 25	21 56	0 43	14 45	1 1	10 51	2 9	7 27	1 31	21 43	0 48	7 10	0 46	8 26	1 55	1 36	12 21	12 14	12 18	12 47		n.a.
F 29	20 59	12 51	4 6	21 29	1 3	15 10	0 58	10 40	2 10	7 25	1 30	21 44	0 48	7 10	0 46	8 27	1 55	1 36	12 20	12 17	12 20	12 50		n.a.
S 30	21s11	17s38	4s36	21s 1	1n23	15s35	0n56	10n30	2n11	7s24	1s30	21s45	0n48	7s10	0s46	8s27	1n55	1n35	12s20	12s21	12s21	12s53		n.a.

Julian Day Number = 1597907.5, Delta T = 04h01m01s
Ecliptic obliquity = 23°44'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'28, Lahiri = - 8°37'27 Julian Calendar 1 Nov. 339 BCE == Greg. Calendar 27 Oct. 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 339 BCE
geocentric

DECEMBER 339 BCE (-338) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 19 15	4♐52'42	16♏52	9°R58	16♏ 3	8♍59	14♓58	12♐21	13♓46	26♎13	4°R36	27°R41	27♒52	22♎55	n.a.	S 1
M 2	4 23 12	5°54'00	29° 0	8♐42	17°19	9°27	15° 1	12°28	13°46	26°15	4♉35	27♒26	27°49	23° 2	n.a.	M 2
T 3	4 27 8	6°55'17	11♐16	7°22	18°34	9°55	15° 5	12°35	13°46	26°17	4°34	27°11	27°46	23° 9	n.a.	T 3
W 4	4 31 5	7°56'34	23°42	6° 1	19°49	10°23	15° 9	12°42	13°47	26°19	4°33	26°58	27°43	23°15	n.a.	W 4
T 5	4 35 1	8°57'51	6♑18	4°41	21° 5	10°51	15°13	12°49	13°47	26°20	4°32	26°46	27°39	23°22	n.a.	T 5
F 6	4 38 58	9°59'07	19° 5	3°26	22°20	11°19	15°17	12°56	13°48	26°22	4°31	26°38	27°36	23°29	n.a.	F 6
S 7	4 42 54	11° 0'23	2♒ 2	2°17	23°35	11°46	15°22	13° 3	13°48	26°24	4°30	26°33	27°33	23°36	n.a.	S 7
S 8	4 46 51	12° 1'39	15°11	1°15	24°51	12°13	15°26	13°11	13°49	26°26	4°29	26°31	27°30	23°42	n.a.	S 8
M 9	4 50 48	13° 2'53	28°34	0°22	26° 6	12°40	15°31	13°18	13°49	26°27	4°28	26°D30	27°27	23°49	n.a.	M 9
T 10	4 54 44	14° 4'07	12♓13	29♏39	27°21	13° 7	15°36	13°25	13°50	26°29	4°27	26°R31	27°24	23°56	n.a.	T 10
W11	4 58 41	15° 5'20	26° 9	29° 6	28°36	13°34	15°41	13°32	13°50	26°31	4°27	26°30	27°20	24° 2	n.a.	W11
T 12	5 2 37	16° 6'33	10♈23	28°42	29°52	14° 0	15°47	13°39	13°51	26°32	4°26	26°28	27°17	24° 9	n.a.	T 12
F 13	5 6 34	17° 7'44	24°53	28°28	1♐ 7	14°26	15°52	13°46	13°52	26°34	4°25	26°23	27°14	24°16	n.a.	F 13
S 14	5 10 30	18° 8'55	9♉35	28°D23	2°22	14°52	15°58	13°53	13°53	26°35	4°24	26°16	27°11	24°22	n.a.	S 14
S 15	5 14 27	19°10'05	24°23	28°27	3°38	15°17	16° 4	14° 0	13°54	26°37	4°23	26° 6	27° 8	24°29	n.a.	S 15
M16	5 18 23	20°11'15	9♊10	28°39	4°53	15°43	16°10	14° 7	13°55	26°39	4°23	25°56	27° 5	24°36	n.a.	M16
T 17	5 22 20	21°12'23	23°46	28°58	6° 8	16° 8	16°16	14°14	13°56	26°40	4°22	25°45	27° 1	24°43	n.a.	T 17
W18	5 26 17	22°13'31	8♋ 5	29°23	7°23	16°33	16°23	14°21	13°57	26°42	4°21	25°36	26°58	24°49	n.a.	W18
T 19	5 30 13	23°14'39	22° 1	29°55	8°39	16°57	16°29	14°28	13°58	26°43	4°20	25°29	26°55	24°56	n.a.	T 19
F 20	5 34 10	24°15'45	5♌30	0♐32	9°54	17°22	16°36	14°35	13°59	26°44	4°20	25°24	26°52	25° 3	n.a.	F 20
S 21	5 38 6	25°16'51	18°33	1°14	11° 9	17°46	16°43	14°42	14° 0	26°46	4°19	25°22	26°49	25° 9	n.a.	S 21
S 22	5 42 3	26°17'57	1♍13	2° 1	12°24	18°10	16°50	14°49	14° 1	26°47	4°18	25°D22	26°45	25°16	n.a.	S 22
M23	5 45 59	27°19'01	13°32	2°52	13°39	18°33	16°57	14°56	14° 2	26°49	4°18	25°23	26°42	25°23	n.a.	M23
T 24	5 49 56	28°20'05	25°36	3°46	14°55	18°56	17° 4	15° 3	14° 4	26°50	4°17	25°R24	26°39	25°29	n.a.	T 24
W25	5 53 53	29°21'08	7♎31	4°43	16°10	19°19	17°12	15°10	14° 5	26°51	4°17	25°24	26°36	25°36	n.a.	W25
T 26	5 57 49	0♑22'11	19°21	5°44	17°25	19°42	17°20	15°17	14° 7	26°52	4°16	25°21	26°33	25°43	n.a.	T 26
F 27	6 1 46	1°23'13	1♏11	6°47	18°40	20° 4	17°28	15°24	14° 8	26°54	4°15	25°17	26°30	25°50	n.a.	F 27
S 28	6 5 42	2°24'13	13° 7	7°53	19°55	20°26	17°35	15°31	14°10	26°55	4°15	25°10	26°26	25°56	n.a.	S 28
S 29	6 9 39	3°25'14	25°11	9° 1	21°11	20°48	17°44	15°37	14°11	26°56	4°14	25° 1	26°23	26° 3	n.a.	S 29
M30	6 13 35	4°26'13	7♐26	10°11	22°26	21° 9	17°52	15°44	14°13	26°57	4°14	24°52	26°20	26°10	n.a.	M30
T 31	6 17 32	5♑27'11	19♐55	11♐23	23♐41	21♍30	18♓ 0	15♐51	14♓14	26♎58	4♉13	24♒42	26♒17	26♎16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s23	21 s46	4 s54	20 s32	1n43	15 s59	0n54	10n20	2n12	7 s22	1 s30	21 s46	0n48	7 s10	0 s46	8 s28	1n55	1n35	12 s20	12 s26	12 s22	12 s56			n.a.
M 2	21 34	25 3	4 59	20 2	2 1	16 23	0 52	10 10	2 13	7 20	1 29	21 47	0 48	7 10	0 45	8 29	1 55	1 35	12 20	12 31	12 23	12 59			n.a.
T 3	21 44	27 12	4 51	19 32	2 18	16 46	0 50	10 0	2 14	7 19	1 29	21 48	0 48	7 9	0 45	8 29	1 55	1 35	12 20	12 36	12 24	13 2			n.a.
W 4	21 54	28 3	4 28	19 4	2 33	17 9	0 47	9 50	2 15	7 17	1 29	21 49	0 48	7 9	0 45	8 30	1 55	1 35	12 20	12 41	12 25	13 5			n.a.
T 5	22 4	27 27	3 52	18 37	2 46	17 32	0 45	9 41	2 16	7 15	1 28	21 50	0 48	7 9	0 45	8 30	1 55	1 35	12 19	12 45	12 26	13 8			n.a.
F 6	22 14	25 24	3 4	18 12	2 57	17 54	0 43	9 31	2 17	7 13	1 28	21 51	0 48	7 9	0 45	8 31	1 55	1 35	12 19	12 47	12 27	13 11			n.a.
S 7	22 22	22 0	2 6	17 51	3 6	18 15	0 40	9 21	2 18	7 11	1 28	21 52	0 48	7 9	0 45	8 32	1 55	1 35	12 19	12 49	12 28	13 14			n.a.
S 8	22 31	17 26	1 0	17 33	3 12	18 36	0 38	9 11	2 19	7 9	1 27	21 53	0 48	7 8	0 45	8 32	1 55	1 34	12 19	12 50	12 30	13 17			n.a.
M 9	22 39	11 57	0n11	17 18	3 15	18 56	0 36	9 2	2 20	7 7	1 27	21 54	0 48	7 8	0 45	8 33	1 55	1 34	12 19	12 50	12 31	13 20			n.a.
T 10	22 46	5 48	1 22	17 8	3 17	19 16	0 33	8 52	2 21	7 5	1 27	21 55	0 47	7 8	0 45	8 33	1 55	1 34	12 18	12 50	12 32	13 23			n.a.
W11	22 54	0n45	2 30	17 1	3 16	19 36	0 31	8 43	2 21	7 2	1 27	21 55	0 47	7 8	0 45	8 34	1 55	1 34	12 18	12 50	12 33	13 26			n.a.
T 12	23 0	7 23	3 30	16 58	3 14	19 55	0 28	8 33	2 22	7 0	1 26	21 56	0 47	7 7	0 45	8 34	1 55	1 34	12 18	12 51	12 34	13 29			n.a.
F 13	23 6	13 45	4 18	16 58	3 11	20 13	0 26	8 24	2 23	6 57	1 26	21 57	0 47	7 7	0 45	8 35	1 55	1 34	12 18	12 53	12 35	13 32			n.a.
S 14	23 12	19 26	4 50	17 2	3 6	20 31	0 24	8 15	2 24	6 55	1 26	21 58	0 47	7 7	0 45	8 36	1 55	1 34	12 18	12 55	12 36	13 35			n.a.
S 15	23 17	23 59	5 2	17 8	3 0	20 48	0 21	8 6	2 25	6 52	1 25	21 59	0 47	7 6	0 45	8 36	1 55	1 34	12 17	12 58	12 37	13 38			n.a.
M16	23 22	26 57	4 54	17 17	2 54	21 4	0 19	7 57	2 26	6 50	1 25	22 0	0 47	7 6	0 45	8 37	1 55	1 34	12 17	13 2	12 38	13 41			n.a.
T 17	23 27	28 2	4 27	17 28	2 46	21 20	0 16	7 48	2 27	6 47	1 25	22 1	0 47	7 5	0 45	8 37	1 55	1 34	12 17	13 6	12 39	13 43			n.a.
W18	23 30	27 13	3 44	17 42	2 38	21 35	0 14	7 39	2 28	6 44	1 24	22 2	0 47	7 5	0 45	8 38	1 55	1 34	12 17	13 9	12 41	13 46			n.a.
T 19	23 34	24 41	2 48	17 56	2 30	21 50	0 11	7 30	2 29	6 41	1 24	22 3	0 47	7 4	0 45	8 38	1 56	1 34	12 16	13 11	12 42	13 49			n.a.
F 20	23 37	20 49	1 44	18 13	2 21	22 4	0 9	7 21	2 30	6 38	1 24	22 4	0 47	7 4	0 45	8 39	1 56	1 34	12 16	13 13	12 43	13 52			n.a.
S 21	23 39	16 2	0 36	18 30	2 12	22 17	0 6	7 13	2 31	6 35	1 24	22 4	0 47	7 3	0 45	8 39	1 56	1 34	12 16	13 13	12 44	13 55			n.a.
S 22	23 41	10 42	0 s31	18 49	2 3	22 30	0 4	7 4	2 32	6 32	1 23	22 5	0 47	7 3	0 45	8 39	1 56	1 34	12 16	13 13	12 45	13 58			n.a.
M23	23 43	5 5	1 36	19 8	1 54	22 42	0 1	6 56	2 33	6 29	1 23	22 6	0 47	7 2	0 45	8 40	1 56	1 34	12 16	13 13	12 46	14 1			n.a.
T 24	23 44	0 s35	2 35	19 27	1 45	22 54	0 s 1	6 48	2 35	6 26	1 23	22 7	0 47	7 2	0 45	8 40	1 56	1 34	12 15	13 13	12 47	14 4			n.a.
W25	23 44	6 10	3 26	19 47	1 35	23 4	0 4	6 39	2 36	6 23	1 22	22 8	0 47	7 1	0 45	8 41	1 56	1 34	12 15	13 13	12 48	14 7			n.a.
T 26	23 44	11 29	4 8	20 7	1 26	23 14	0 6	6 31	2 37	6 19	1 22	22 9	0 46	7 1	0 45	8 41	1 56	1 34	12 15	13 14	12 49	14 10			n.a.
F 27	23 44	16 23	4 40	20 27	1 17	23 23	0 9	6 24	2 38	6 16	1 22	22 9	0 46	7 0	0 44	8 42	1 56	1 34	12 14	13 15	12 50	14 13			n.a.
S 28	23 43	20 43	4 59	20 47	1 7	23 32	0 11	6 16	2 39	6 13	1 22	22 10	0 46	6 59	0 44	8 42	1 56	1 34	12 14	13 18	12 51	14 16			n.a.
S 29	23 42	24 14	5 6	21 7	0 58	23 40	0 13	6 8	2 40	6 9	1 21	22 11	0 46	6 59	0 44	8 42	1 56	1 34	12 14	13 20	12 53	14 19			n.a.
M30	23 40	26 44	4 59	21 27	0 49	23 47	0 16	6 1	2 41	6 6	1 21	22 12	0 46	6 58	0 44	8 43	1 56	1 34	12 14	13 24	12 54	14 22			n.a.
T 31	23 s37	27 s57	4 s37	21 s46	0n40	23 s53	0 s18	5n53	2n42	6 s 2	1 s21	22 s13	0n46	6 s57	0 s44	8 s43	1n56	1n34	12 s13	13 s27	12 s55	14 s24			n.a.

Julian Day Number = 1597937.5, Delta T = 04h01m00s
Ecliptic obliquity = 23°44'18, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'24, Lahiri = - 8°37'23 Julian Calendar 1 Dec. 339 BCE == Greg. Calendar 26 Nov. 339 BCE

The year -338 astronomical counting style corresponds to year 339 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

JANUARY 338 BCE (-337) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 21 28	6♉28'08	2♉37	12♐36	24♐56	21♍50	18♓ 9	15♐58	14♓16	26♎59	4°R13	24°R33	26♒14	26♎23	n.a.	W 1
T 2	6 25 25	7°29'04	15°32	13°52	26°11	22°11	18°18	16° 5	14°18	27° 0	4♉12	24♒25	26°11	26°30	n.a.	T 2
F 3	6 29 22	8°29'58	28°40	15° 9	27°26	22°31	18°26	16°11	14°20	27° 1	4°12	24°20	26° 7	26°37	n.a.	F 3
S 4	6 33 18	9°30'51	11♒59	16°27	28°42	22°50	18°35	16°18	14°21	27° 2	4°12	24°17	26° 4	26°43	n.a.	S 4
S 5	6 37 15	10°31'42	25°29	17°46	29°57	23° 9	18°44	16°25	14°23	27° 3	4°11	24°D17	26° 1	26°50	n.a.	S 5
M 6	6 41 11	11°32'32	9♓ 9	19° 7	1♉12	23°28	18°54	16°31	14°25	27° 4	4°11	24°17	25°58	26°57	n.a.	M 6
T 7	6 45 8	12°33'20	22°59	20°29	2°27	23°46	19° 3	16°38	14°27	27° 5	4°11	24°19	25°55	27° 3	n.a.	T 7
W 8	6 49 4	13°34'07	6♈57	21°52	3°42	24° 4	19°13	16°45	14°29	27° 6	4°10	24°R20	25°51	27°10	n.a.	W 8
T 9	6 53 1	14°34'51	21° 4	23°16	4°57	24°21	19°22	16°51	14°31	27° 7	4°10	24°20	25°48	27°17	n.a.	T 9
F 10	6 56 57	15°35'34	5♉18	24°42	6°12	24°39	19°32	16°58	14°33	27° 8	4°10	24°18	25°45	27°23	n.a.	F 10
S 11	7 0 54	16°36'15	19°37	26° 8	7°27	24°55	19°42	17° 4	14°36	27° 8	4° 9	24°15	25°42	27°30	n.a.	S 11
S 12	7 4 51	17°36'55	3♊58	27°35	8°42	25°11	19°52	17°11	14°38	27° 9	4° 9	24°10	25°39	27°37	n.a.	S 12
M13	7 8 47	18°37'32	18°15	29° 3	9°57	25°27	20° 2	17°17	14°40	27°10	4° 9	24° 4	25°36	27°44	n.a.	M13
T 14	7 12 44	19°38'08	2♋23	0♉33	11°12	25°42	20°12	17°23	14°42	27°10	4° 9	23°59	25°32	27°50	n.a.	T 14
W15	7 16 40	20°38'43	16°19	2° 3	12°27	25°57	20°22	17°30	14°44	27°11	4° 9	23°54	25°29	27°57	n.a.	W15
T 16	7 20 37	21°39'15	29°58	3°34	13°42	26°11	20°33	17°36	14°47	27°12	4° 8	23°50	25°26	28° 4	n.a.	T 16
F 17	7 24 33	22°39'46	13♌17	5° 6	14°57	26°25	20°43	17°42	14°49	27°12	4° 8	23°48	25°23	28°10	n.a.	F 17
S 18	7 28 30	23°40'15	26°15	6°39	16°12	26°38	20°54	17°48	14°52	27°13	4° 8	23°D48	25°20	28°17	n.a.	S 18
S 19	7 32 27	24°40'42	8♍54	8°12	17°27	26°51	21° 5	17°55	14°54	27°13	4° 8	23°48	25°17	28°24	n.a.	S 19
M20	7 36 23	25°41'08	21°15	9°47	18°42	27° 4	21°16	18° 1	14°56	27°14	4° 8	23°50	25°13	28°31	n.a.	M20
T 21	7 40 20	26°41'33	3♎22	11°23	19°57	27°15	21°26	18° 7	14°59	27°14	4° 8	23°52	25°10	28°37	n.a.	T 21
W22	7 44 16	27°41'56	15°19	13° 0	21°12	27°26	21°38	18°13	15° 1	27°14	4°D 8	23°53	25° 7	28°44	n.a.	W22
T 23	7 48 13	28°42'17	27°11	14°37	22°27	27°37	21°49	18°19	15° 4	27°15	4° 8	23°R54	25° 4	28°51	n.a.	T 23
F 24	7 52 9	29°42'37	9♏ 4	16°16	23°42	27°47	22° 0	18°25	15° 7	27°15	4° 8	23°54	25° 1	28°57	n.a.	F 24
S 25	7 56 6	0♒42'55	21° 1	17°55	24°57	27°56	22°11	18°30	15° 9	27°15	4° 8	23°52	24°57	29° 4	n.a.	S 25
S 26	8 0 2	1°43'12	3♐ 7	19°36	26°12	28° 5	22°23	18°36	15°12	27°16	4° 8	23°50	24°54	29°11	n.a.	S 26
M27	8 3 59	2°43'27	15°26	21°18	27°26	28°14	22°34	18°42	15°15	27°16	4° 8	23°46	24°51	29°18	n.a.	M27
T 28	8 7 55	3°43'40	28° 1	23° 0	28°41	28°21	22°46	18°48	15°17	27°16	4° 8	23°43	24°48	29°24	n.a.	T 28
W29	8 11 52	4°43'52	10♉54	24°44	29°56	28°28	22°58	18°53	15°20	27°16	4° 8	23°40	24°45	29°31	n.a.	W29
T 30	8 15 49	5°44'02	24° 5	26°29	1♒11	28°34	23° 9	18°59	15°23	27°16	4° 9	23°38	24°42	29°38	n.a.	T 30
F 31	8 19 45	6♒44'09	7♒34	28♉14	2♒26	28♍40	23♓21	19♐ 4	15♓26	27♎16	4♉ 9	23♒36	24♒38	29♎44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s35	27s44	4s 2	22s 5	0n31	23s59	0s21	5n46	2n43	5s59	1s21	22s13	0n46	6s57	0s44	8s43	1n56	1n34	12s13	13s30	12s56	14s27			n.a.
T 2	23 31	26 1	3 13	22 23	0 22	24 4	0 23	5 39	2 44	5 55	1 20	22 14	0 46	6 56	0 44	8 44	1 56	1 35	12 13	13 33	12 57	14 30			n.a.
F 3	23 28	22 52	2 14	22 40	0 14	24 8	0 25	5 32	2 45	5 51	1 20	22 15	0 46	6 55	0 44	8 44	1 56	1 35	12 13	13 34	12 58	14 33			n.a.
S 4	23 24	18 28	1 6	22 57	0 5	24 11	0 27	5 25	2 46	5 47	1 20	22 16	0 46	6 55	0 44	8 44	1 56	1 35	12 12	13 35	12 59	14 36			n.a.
S 5	23 19	13 5	0n 7	23 13	0s 3	24 14	0 30	5 18	2 47	5 43	1 20	22 16	0 46	6 54	0 44	8 45	1 56	1 35	12 12	13 36	13 0	14 39			n.a.
M 6	23 14	7 0	1 20	23 28	0 11	24 16	0 32	5 12	2 49	5 40	1 19	22 17	0 46	6 53	0 44	8 45	1 57	1 35	12 12	13 35	13 1	14 42			n.a.
T 7	23 8	0 33	2 29	23 42	0 19	24 17	0 34	5 6	2 50	5 36	1 19	22 18	0 46	6 52	0 44	8 45	1 57	1 35	12 12	13 35	13 2	14 45			n.a.
W 8	23 2	6n 1	3 31	23 55	0 26	24 17	0 36	4 59	2 51	5 32	1 19	22 18	0 46	6 51	0 44	8 45	1 57	1 35	12 11	13 35	13 3	14 48			n.a.
T 9	22 56	12 19	4 20	24 8	0 34	24 17	0 38	4 54	2 52	5 28	1 19	22 19	0 46	6 51	0 44	8 46	1 57	1 36	12 11	13 35	13 5	14 50			n.a.
F 10	22 49	18 3	4 54	24 19	0 41	24 16	0 41	4 48	2 53	5 24	1 18	22 20	0 46	6 50	0 44	8 46	1 57	1 36	12 11	13 35	13 6	14 53			n.a.
S 11	22 41	22 49	5 9	24 29	0 48	24 14	0 43	4 42	2 54	5 19	1 18	22 20	0 46	6 49	0 44	8 46	1 57	1 36	12 10	13 36	13 7	14 56			n.a.
S 12	22 34	26 12	5 6	24 37	0 54	24 11	0 45	4 37	2 55	5 15	1 18	22 21	0 46	6 48	0 44	8 46	1 57	1 36	12 10	13 38	13 8	14 59			n.a.
M13	22 25	27 55	4 43	24 45	1 1	24 8	0 47	4 31	2 56	5 11	1 18	22 22	0 46	6 47	0 44	8 46	1 57	1 36	12 10	13 40	13 9	15 2			n.a.
T 14	22 17	27 47	4 4	24 51	1 7	24 4	0 49	4 26	2 57	5 7	1 17	22 22	0 46	6 46	0 44	8 47	1 57	1 37	12 10	13 42	13 10	15 5			n.a.
W15	22 8	25 52	3 10	24 56	1 13	23 59	0 51	4 21	2 59	5 2	1 17	22 23	0 46	6 45	0 44	8 47	1 57	1 37	12 9	13 43	13 11	15 8			n.a.
T 16	21 58	22 28	2 6	25 0	1 19	23 54	0 52	4 17	3 0	4 58	1 17	22 24	0 46	6 44	0 44	8 47	1 57	1 37	12 9	13 45	13 12	15 10			n.a.
F 17	21 48	17 57	0 57	25 2	1 24	23 47	0 54	4 12	3 1	4 54	1 17	22 24	0 46	6 43	0 44	8 47	1 57	1 37	12 9	13 45	13 13	15 13			n.a.
S 18	21 38	12 43	0s13	25 3	1 29	23 40	0 56	4 8	3 2	4 49	1 16	22 25	0 46	6 42	0 44	8 47	1 57	1 37	12 8	13 45	13 14	15 16			n.a.
S 19	21 27	7 4	1 22	25 2	1 34	23 32	0 58	4 4	3 3	4 45	1 16	22 26	0 46	6 41	0 44	8 47	1 57	1 38	12 8	13 45	13 15	15 19			n.a.
M20	21 16	1 18	2 25	25 0	1 38	23 24	1 0	4 0	3 4	4 40	1 16	22 26	0 45	6 40	0 44	8 47	1 57	1 38	12 8	13 45	13 16	15 22			n.a.
T 21	21 5	4s24	3 20	24 57	1 42	23 15	1 1	3 56	3 5	4 36	1 16	22 27	0 45	6 39	0 44	8 47	1 57	1 38	12 8	13 44	13 18	15 25			n.a.
W22	20 53	9 53	4 6	24 51	1 46	23 5	1 3	3 53	3 6	4 31	1 16	22 27	0 45	6 38	0 44	8 48	1 58	1 38	12 7	13 43	13 19	15 27			n.a.
T 23	20 41	14 57	4 41	24 44	1 50	22 54	1 4	3 49	3 8	4 26	1 15	22 28	0 45	6 37	0 44	8 48	1 58	1 39	12 7	13 43	13 20	15 30			n.a.
F 24	20 28	19 29	5 4	24 36	1 53	22 43	1 6	3 46	3 9	4 22	1 15	22 28	0 45	6 36	0 44	8 48	1 58	1 39	12 7	13 43	13 21	15 33			n.a.
S 25	20 15	23 16	5 14	24 26	1 55	22 31	1 7	3 43	3 10	4 17	1 15	22 29	0 45	6 35	0 44	8 48	1 58	1 39	12 6	13 44	13 22	15 36			n.a.
S 26	20 1	26 6	5 10	24 14	1 58	22 18	1 9	3 41	3 11	4 12	1 15	22 29	0 45	6 34	0 43	8 48	1 58	1 40	12 6	13 45	13 23	15 39			n.a.
M27	19 48	27 46	4 52	24 0	2 0	22 5	1 10	3 39	3 12	4 7	1 15	22 30	0 45	6 33	0 43	8 48	1 58	1 40	12 6	13 46	13 24	15 41			n.a.
T 28	19 34	28 3	4 20	23 45	2 1	21 51	1 11	3 37	3 13	4 3	1 14	22 30	0 45	6 32	0 43	8 48	1 58	1 40	12 5	13 47	13 25	15 44			n.a.
W29	19 19	26 50	3 34	23 27	2 3	21 36	1 13	3 35	3 14	3 58	1 14	22 31	0 45	6 31	0 43	8 48	1 58	1 41	12 5	13 48	13 26	15 47			n.a.
T 30	19 4	24 7	2 36	23 8	2 3	21 21	1 14	3 33	3 15	3 53	1 14	22 31	0 45	6 30	0 43	8 48	1 58	1 41	12 5	13 49	13 27	15 50			n.a.
F 31	18s49	20s 1	1s27	22s47	2s 4	21s 5	1s15	3n32	3n16	3s48	1s14	22s32	0n45	6s29	0s43	8s48	1n58	1n41	12s 5	13s49	13s28	15s53			n.a.

Julian Day Number = 1597968.5, Delta T = 04h00m59s
Ecliptic obliquity = 23°44'17, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'20, Lahiri = - 8°37'19 Julian Calendar 1 Jan. 338 BCE == Greg. Calendar 27 Dec. 339 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

FEBRUARY 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 23 42	7♒44'15	21♒19	0♒ 1	3♒41	28♍45	23♓33	19♐10	15♓29	27♎17	4♉ 9	23°D36	24♒35	29♎51	n.a.	S 1
S 2	8 27 38	8°44'19	5♓17	1°49	4°55	28°49	23°45	19°15	15°32	27°R17	4° 9	23♒36	24°32	29°58	n.a.	S 2
M 3	8 31 35	9°44'20	19°24	3°38	6°10	28°53	23°57	19°21	15°34	27°17	4° 9	23°37	24°29	0♏ 5	n.a.	M 3
T 4	8 35 31	10°44'20	3♈37	5°28	7°25	28°56	24°10	19°26	15°37	27°16	4°10	23°38	24°26	0°11	n.a.	T 4
W 5	8 39 28	11°44'17	17°52	7°19	8°40	28°58	24°22	19°31	15°40	27°16	4°10	23°39	24°23	0°18	n.a.	W 5
T 6	8 43 24	12°44'11	2♉ 7	9°11	9°54	29° 0	24°34	19°36	15°43	27°16	4°10	23°39	24°19	0°25	n.a.	T 6
F 7	8 47 21	13°44'04	16°19	11° 5	11° 9	29° 1	24°47	19°41	15°46	27°16	4°11	23°R39	24°16	0°31	n.a.	F 7
S 8	8 51 18	14°43'54	0♊26	12°59	12°24	29°R 1	24°59	19°46	15°49	27°16	4°11	23°39	24°13	0°38	n.a.	S 8
S 9	8 55 14	15°43'42	14°25	14°54	13°39	29° 0	25°12	19°51	15°52	27°16	4°11	23°38	24°10	0°45	n.a.	S 9
M10	8 59 11	16°43'27	28°16	16°50	14°53	28°59	25°24	19°56	15°55	27°15	4°12	23°38	24° 7	0°51	n.a.	M10
T 11	9 3 7	17°43'10	11♋55	18°48	16° 8	28°56	25°37	20° 1	15°59	27°15	4°12	23°37	24° 3	0°58	n.a.	T 11
W12	9 7 4	18°42'51	25°23	20°46	17°22	28°54	25°50	20° 6	16° 2	27°15	4°13	23°36	24° 0	1° 5	n.a.	W12
T 13	9 11 0	19°42'29	8♌36	22°44	18°37	28°50	26° 3	20°11	16° 5	27°15	4°13	23°36	23°57	1°12	n.a.	T 13
F 14	9 14 57	20°42'06	21°35	24°44	19°52	28°46	26°16	20°15	16° 8	27°14	4°14	23°D36	23°54	1°18	n.a.	F 14
S 15	9 18 53	21°41'40	4♍20	26°43	21° 6	28°40	26°29	20°20	16°11	27°14	4°14	23°36	23°51	1°25	n.a.	S 15
S 16	9 22 50	22°41'12	16°50	28°43	22°21	28°34	26°42	20°24	16°14	27°13	4°15	23°36	23°48	1°32	n.a.	S 16
M17	9 26 47	23°40'42	29° 6	0♓43	23°35	28°28	26°55	20°29	16°18	27°13	4°15	23°R36	23°44	1°38	n.a.	M17
T 18	9 30 43	24°40'10	11♎12	2°43	24°50	28°20	27° 8	20°33	16°21	27°12	4°16	23°36	23°41	1°45	n.a.	T 18
W19	9 34 40	25°39'36	23°10	4°43	26° 4	28°12	27°21	20°37	16°24	27°12	4°16	23°36	23°38	1°52	n.a.	W19
T 20	9 38 36	26°39'00	5♏ 3	6°41	27°19	28° 3	27°34	20°41	16°27	27°11	4°17	23°35	23°35	1°59	n.a.	T 20
F 21	9 42 33	27°38'22	16°56	8°39	28°33	27°53	27°47	20°46	16°31	27°11	4°17	23°35	23°32	2° 5	n.a.	F 21
S 22	9 46 29	28°37'43	28°52	10°35	29°48	27°42	28° 1	20°50	16°34	27°10	4°18	23°D35	23°29	2°12	n.a.	S 22
S 23	9 50 26	29°37'01	10♐57	12°29	1♓ 2	27°31	28°14	20°53	16°37	27° 9	4°19	23°35	23°25	2°19	n.a.	S 23
M24	9 54 22	0♓36'18	23°16	14°21	2°17	27°19	28°27	20°57	16°40	27° 9	4°19	23°36	23°22	2°25	n.a.	M24
T 25	9 58 19	1°35'33	5♑51	16°11	3°31	27° 6	28°41	21° 1	16°44	27° 8	4°20	23°36	23°19	2°32	n.a.	T 25
W26	10 2 16	2°34'46	18°48	17°57	4°46	26°53	28°54	21° 5	16°47	27° 7	4°21	23°37	23°16	2°39	n.a.	W26
T 27	10 6 12	3°33'57	2♒ 6	19°40	6° 0	26°38	29° 8	21° 8	16°50	27° 6	4°22	23°38	23°13	2°46	n.a.	T 27
F 28	10 10 9	4♓33'06	15♒49	21♓19	7♓15	26♍23	29♓22	21♐12	16♓54	27♎ 6	4♉22	23♒38	23♒ 9	2♏52	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s34	14s46	0s13	22s25	2s 4	20s48	1s16	3n31	3n17	3s43	1s14	22s32	0n45	6s27	0s43	8s48	1n58	1n42	12s 4	13s49	13s29	15s55		n.a.
S 2	18 18	8 42	1n 4	22 0	2 3	20 31	1 17	3 30	3 18	3 38	1 14	22 33	0 45	6 26	0 43	8 48	1 58	1 42	12 4	13 49	13 30	15 58		n.a.
M 3	18 2	2 8	2 18	21 33	2 2	20 13	1 18	3 29	3 19	3 33	1 13	22 33	0 45	6 25	0 43	8 48	1 58	1 42	12 4	13 49	13 32	16 1		n.a.
T 4	17 46	4n34	3 24	21 5	2 0	19 55	1 19	3 29	3 20	3 28	1 13	22 34	0 45	6 24	0 43	8 48	1 58	1 43	12 3	13 49	13 33	16 4		n.a.
W 5	17 29	11 3	4 17	20 35	1 58	19 36	1 20	3 29	3 21	3 23	1 13	22 34	0 45	6 23	0 43	8 47	1 58	1 43	12 3	13 48	13 34	16 6		n.a.
T 6	17 12	16 57	4 55	20 2	1 56	19 17	1 21	3 29	3 22	3 18	1 13	22 35	0 45	6 22	0 43	8 47	1 59	1 43	12 3	13 48	13 35	16 9		n.a.
F 7	16 55	21 56	5 14	19 28	1 53	18 57	1 21	3 30	3 23	3 13	1 13	22 35	0 45	6 20	0 43	8 47	1 59	1 44	12 3	13 48	13 36	16 12		n.a.
S 8	16 37	25 37	5 14	18 52	1 49	18 36	1 22	3 31	3 24	3 7	1 12	22 35	0 45	6 19	0 43	8 47	1 59	1 44	12 2	13 48	13 37	16 15		n.a.
S 9	16 19	27 43	4 56	18 14	1 45	18 15	1 23	3 32	3 25	3 2	1 12	22 36	0 45	6 18	0 43	8 47	1 59	1 45	12 2	13 48	13 38	16 17		n.a.
M10	16 1	28 4	4 21	17 34	1 40	17 54	1 23	3 33	3 26	2 57	1 12	22 36	0 45	6 17	0 43	8 47	1 59	1 45	12 2	13 49	13 39	16 20		n.a.
T 11	15 43	26 42	3 31	16 52	1 35	17 32	1 24	3 35	3 27	2 52	1 12	22 37	0 45	6 16	0 43	8 47	1 59	1 45	12 1	13 49	13 40	16 23		n.a.
W12	15 24	23 47	2 30	16 9	1 29	17 9	1 24	3 36	3 27	2 46	1 12	22 37	0 45	6 14	0 43	8 46	1 59	1 46	12 1	13 49	13 41	16 26		n.a.
T 13	15 5	19 39	1 22	15 24	1 22	16 46	1 24	3 39	3 28	2 41	1 12	22 37	0 45	6 13	0 43	8 46	1 59	1 46	12 1	13 49	13 42	16 28		n.a.
F 14	14 46	14 40	0 11	14 37	1 15	16 23	1 25	3 41	3 29	2 36	1 12	22 38	0 45	6 12	0 43	8 46	1 59	1 47	12 1	13 49	13 43	16 31		n.a.
S 15	14 27	9 8	0s59	13 48	1 7	15 59	1 25	3 44	3 29	2 30	1 11	22 38	0 45	6 11	0 43	8 46	1 59	1 47	12 0	13 49	13 44	16 34		n.a.
S 16	14 7	3 21	2 5	12 59	0 59	15 35	1 25	3 47	3 30	2 25	1 11	22 38	0 45	6 9	0 43	8 46	1 59	1 47	12 0	13 49	13 45	16 36		n.a.
M17	13 48	2s27	3 4	12 7	0 50	15 10	1 25	3 50	3 31	2 20	1 11	22 39	0 45	6 8	0 43	8 45	1 59	1 48	12 0	13 49	13 46	16 39		n.a.
T 18	13 28	8 4	3 54	11 15	0 40	14 45	1 25	3 53	3 31	2 14	1 11	22 39	0 45	6 7	0 43	8 45	1 59	1 48	11 59	13 49	13 48	16 42		n.a.
W19	13 8	13 20	4 33	10 22	0 30	14 19	1 25	3 57	3 32	2 9	1 11	22 39	0 45	6 5	0 43	8 45	1 59	1 49	11 59	13 49	13 49	16 45		n.a.
T 20	12 47	18 4	5 1	9 28	0 19	13 53	1 25	4 1	3 32	2 3	1 11	22 40	0 45	6 4	0 43	8 45	1 59	1 49	11 59	13 49	13 50	16 47		n.a.
F 21	12 27	22 7	5 15	8 33	0 8	13 27	1 25	4 5	3 32	1 58	1 11	22 40	0 45	6 3	0 43	8 44	1 59	1 50	11 59	13 50	13 51	16 50		n.a.
S 22	12 6	25 17	5 16	7 39	0n 3	13 0	1 25	4 10	3 33	1 53	1 10	22 40	0 45	6 1	0 43	8 44	1 59	1 50	11 58	13 50	13 52	16 53		n.a.
S 23	11 45	27 21	5 3	6 44	0 15	12 33	1 25	4 15	3 33	1 47	1 10	22 40	0 45	6 0	0 43	8 44	2 0	1 51	11 58	13 50	13 53	16 55		n.a.
M24	11 24	28 9	4 36	5 49	0 27	12 6	1 24	4 20	3 33	1 41	1 10	22 41	0 45	5 59	0 43	8 44	2 0	1 51	11 58	13 49	13 54	16 58		n.a.
T 25	11 2	27 31	3 55	4 55	0 39	11 38	1 24	4 25	3 33	1 36	1 10	22 41	0 45	5 58	0 43	8 43	2 0	1 52	11 58	13 49	13 55	17 1		n.a.
W26	10 41	25 24	3 1	4 2	0 52	11 10	1 23	4 31	3 33	1 30	1 10	22 41	0 45	5 56	0 43	8 43	2 0	1 52	11 57	13 49	13 56	17 3		n.a.
T 27	10 19	21 50	1 56	3 10	1 4	10 42	1 23	4 36	3 33	1 25	1 10	22 42	0 45	5 55	0 43	8 43	2 0	1 53	11 57	13 49	13 57	17 6		n.a.
F 28	9s58	16s59	0s43	2s19	1n17	10s14	1s22	4n42	3n33	1s19	1s10	22s42	0n45	5s54	0s43	8s42	2n 0	1n53	11s57	13s48	13s58	17s 9		n.a.

Julian Day Number = 1597999.5, Delta T = 04h00m58s
Ecliptic obliquity = 23°44'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'15, Lahiri = - 8°37'15 Julian Calendar 1 Feb. 338 BCE == Greg. Calendar 27 Jan. 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

MARCH 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 14 5	5♓32'12	29♒53	22♓53	8♓29	26°R 8	29♓35	21♐15	16♓57	27°R 5	4♉23	23°R39	23♒ 6	2♏59	n.a.	S 1
S 2	10 18 2	6°31'17	14♓15	24°23	9°43	25♍51	29°49	21°19	17° 1	27♎ 4	4°24	23♒38	23° 3	3° 6	n.a.	S 2
M 3	10 21 58	7°30'19	28°50	25°48	10°58	25°34	0♈ 3	21°22	17° 4	27° 3	4°25	23°37	23° 0	3°12	n.a.	M 3
T 4	10 25 55	8°29'20	13♈31	27° 8	12°12	25°17	0°16	21°25	17° 7	27° 2	4°26	23°35	22°57	3°19	n.a.	T 4
W 5	10 29 51	9°28'18	28°13	28°22	13°26	24°59	0°30	21°28	17°11	27° 1	4°26	23°33	22°54	3°26	n.a.	W 5
T 6	10 33 48	10°27'13	12♉47	29°31	14°41	24°40	0°44	21°31	17°14	27° 0	4°27	23°31	22°50	3°33	n.a.	T 6
F 7	10 37 44	11°26'06	27°10	0♈33	15°55	24°21	0°58	21°34	17°18	26°59	4°28	23°30	22°47	3°39	n.a.	F 7
S 8	10 41 41	12°24'57	11♊17	1°30	17° 9	24° 1	1°12	21°37	17°21	26°58	4°29	23°D29	22°44	3°46	n.a.	S 8
S 9	10 45 38	13°23'46	25° 9	2°20	18°23	23°41	1°26	21°40	17°24	26°57	4°30	23°30	22°41	3°53	n.a.	S 9
M10	10 49 34	14°22'32	8♋43	3° 4	19°38	23°20	1°40	21°43	17°28	26°56	4°31	23°31	22°38	4° 0	n.a.	M10
T 11	10 53 31	15°21'16	22° 2	3°41	20°52	23° 0	1°53	21°45	17°31	26°55	4°32	23°32	22°35	4° 6	n.a.	T 11
W12	10 57 27	16°19'57	5♌ 5	4°12	22° 6	22°38	2° 7	21°48	17°35	26°54	4°33	23°34	22°31	4°13	n.a.	W12
T 13	11 1 24	17°18'36	17°55	4°36	23°20	22°17	2°21	21°50	17°38	26°53	4°34	23°R35	22°28	4°20	n.a.	T 13
F 14	11 5 20	18°17'13	0♍33	4°54	24°34	21°55	2°35	21°52	17°42	26°52	4°35	23°34	22°25	4°26	n.a.	F 14
S 15	11 9 17	19°15'48	13° 0	5° 5	25°48	21°33	2°50	21°55	17°45	26°50	4°36	23°33	22°22	4°33	n.a.	S 15
S 16	11 13 13	20°14'20	25°17	5°R11	27° 2	21°11	3° 4	21°57	17°48	26°49	4°37	23°31	22°19	4°40	n.a.	S 16
M17	11 17 10	21°12'51	7♎25	5° 9	28°16	20°48	3°18	21°59	17°52	26°48	4°38	23°27	22°15	4°47	n.a.	M17
T 18	11 21 7	22°11'19	19°26	5° 2	29°30	20°26	3°32	22° 1	17°55	26°47	4°39	23°22	22°12	4°53	n.a.	T 18
W19	11 25 3	23° 9'46	1♏22	4°50	0♈45	20° 3	3°46	22° 3	17°59	26°45	4°40	23°17	22° 9	5° 0	n.a.	W19
T 20	11 29 0	24° 8'11	13°14	4°32	1°59	19°41	4° 0	22° 4	18° 2	26°44	4°41	23°12	22° 6	5° 7	n.a.	T 20
F 21	11 32 56	25° 6'34	25° 7	4° 9	3°13	19°18	4°14	22° 6	18° 5	26°43	4°42	23° 7	22° 3	5°13	n.a.	F 21
S 22	11 36 53	26° 4'56	7♐ 3	3°42	4°27	18°56	4°28	22° 8	18° 9	26°42	4°43	23° 4	22° 0	5°20	n.a.	S 22
S 23	11 40 49	27° 3'16	19° 6	3°11	5°40	18°34	4°43	22° 9	18°12	26°40	4°44	23° 2	21°56	5°27	n.a.	S 23
M24	11 44 46	28° 1'34	1♑22	2°36	6°54	18°12	4°57	22°10	18°16	26°39	4°45	23°D 2	21°53	5°34	n.a.	M24
T 25	11 48 42	28°59'51	13°54	2° 0	8° 8	17°50	5°11	22°12	18°19	26°37	4°46	23° 3	21°50	5°40	n.a.	T 25
W26	11 52 39	29°58'06	26°47	1°21	9°22	17°28	5°25	22°13	18°22	26°36	4°48	23° 4	21°47	5°47	n.a.	W26
T 27	11 56 36	0♈56'19	10♒ 4	0°41	10°36	17° 7	5°39	22°14	18°26	26°35	4°49	23° 6	21°44	5°54	n.a.	T 27
F 28	12 0 32	1°54'31	23°49	0° 1	11°50	16°46	5°54	22°15	18°29	26°33	4°50	23°R 6	21°40	6° 0	n.a.	F 28
S 29	12 4 29	2°52'41	8♓ 0	29♓21	13° 4	16°25	6° 8	22°16	18°32	26°32	4°51	23° 5	21°37	6° 7	n.a.	S 29
S 30	12 8 25	3°50'50	22°36	28°42	14°18	16° 5	6°22	22°17	18°36	26°30	4°52	23° 3	21°34	6°14	n.a.	S 30
M31	12 12 22	4♈48'56	7♈30	28♓ 5	15♈32	15♍45	6♈36	22♐17	18♓39	26♎29	4♉53	22♒58	21♒31	6♏21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	9s36	11s 7	0n34	1s30	1n29	9s45	1s22	4n48	3n33	1s14	1s10	22s42	0n45	5s52	0s43	8s42	2n 0	1n53	11s57	13s48	13s59	17s11		n.a.	S 1
S 2	9 14	4 34	1 52	0 43	1 41	9 16	1 21	4 55	3 33	1 8	1 9	22 42	0 45	5 51	0 43	8 42	2 0	1 54	11 56	13 49	14 0	17 14		n.a.	S 2
M 3	8 52	2n19	3 2	0n 2	1 53	8 47	1 20	5 1	3 32	1 2	1 9	22 42	0 45	5 50	0 43	8 41	2 0	1 54	11 56	13 49	14 1	17 17		n.a.	M 3
T 4	8 29	9 6	4 2	0 45	2 4	8 17	1 19	5 8	3 32	0 57	1 9	22 43	0 45	5 48	0 43	8 41	2 0	1 55	11 56	13 50	14 2	17 19		n.a.	T 4
W 5	8 7	15 24	4 45	1 24	2 15	7 48	1 18	5 15	3 31	0 51	1 9	22 43	0 45	5 47	0 43	8 40	2 0	1 55	11 56	13 50	14 3	17 22		n.a.	W 5
T 6	7 44	20 47	5 10	2 1	2 26	7 18	1 17	5 22	3 31	0 46	1 9	22 43	0 45	5 45	0 43	8 40	2 0	1 56	11 55	13 51	14 4	17 24		n.a.	T 6
F 7	7 22	24 52	5 15	2 35	2 35	6 48	1 16	5 29	3 30	0 40	1 9	22 43	0 45	5 44	0 43	8 40	2 0	1 56	11 55	13 51	14 5	17 27		n.a.	F 7
S 8	6 59	27 22	5 0	3 6	2 44	6 17	1 15	5 36	3 29	0 34	1 9	22 43	0 45	5 43	0 43	8 39	2 0	1 57	11 55	13 51	14 7	17 30		n.a.	S 8
S 9	6 36	28 7	4 29	3 34	2 52	5 47	1 14	5 43	3 29	0 28	1 9	22 44	0 45	5 41	0 43	8 39	2 0	1 58	11 55	13 51	14 8	17 32		n.a.	S 9
M10	6 13	27 9	3 42	3 58	2 59	5 16	1 13	5 51	3 28	0 23	1 9	22 44	0 45	5 40	0 43	8 38	2 0	1 58	11 54	13 51	14 9	17 35		n.a.	M10
T 11	5 51	24 37	2 45	4 19	3 5	4 46	1 12	5 58	3 27	0 17	1 9	22 44	0 45	5 39	0 43	8 38	2 0	1 59	11 54	13 50	14 10	17 38		n.a.	T 11
W12	5 27	20 51	1 40	4 36	3 10	4 15	1 11	6 6	3 25	0 11	1 8	22 44	0 45	5 37	0 43	8 37	2 0	1 59	11 54	13 50	14 11	17 40		n.a.	W12
T 13	5 4	16 9	0 31	4 49	3 14	3 44	1 9	6 13	3 24	0 6	1 8	22 44	0 45	5 36	0 43	8 37	2 0	2 0	11 54	13 50	14 12	17 43		n.a.	T 13
F 14	4 41	10 49	0s38	4 59	3 17	3 13	1 8	6 21	3 23	0n 0	1 8	22 44	0 45	5 35	0 43	8 37	2 1	2 0	11 53	13 50	14 13	17 45		n.a.	F 14
S 15	4 18	5 9	1 45	5 4	3 18	2 42	1 6	6 28	3 21	0 6	1 8	22 45	0 45	5 33	0 43	8 36	2 1	2 1	11 53	13 50	14 14	17 48		n.a.	S 15
S 16	3 55	0s38	2 45	5 7	3 18	2 11	1 5	6 36	3 20	0 11	1 8	22 45	0 45	5 32	0 43	8 36	2 1	2 1	11 53	13 51	14 15	17 50		n.a.	S 16
M17	3 32	6 18	3 37	5 5	3 17	1 40	1 3	6 43	3 18	0 17	1 8	22 45	0 45	5 31	0 43	8 35	2 1	2 2	11 53	13 52	14 16	17 53		n.a.	M17
T 18	3 8	11 41	4 19	5 0	3 14	1 8	1 2	6 51	3 17	0 23	1 8	22 45	0 45	5 29	0 43	8 35	2 1	2 2	11 53	13 54	14 17	17 56		n.a.	T 18
W19	2 45	16 36	4 50	4 51	3 10	0 37	1 0	6 58	3 15	0 29	1 8	22 45	0 45	5 28	0 43	8 34	2 1	2 3	11 52	13 56	14 18	17 58		n.a.	W19
T 20	2 21	20 53	5 7	4 38	3 5	0 6	0 58	7 5	3 13	0 34	1 8	22 45	0 45	5 27	0 43	8 34	2 1	2 3	11 52	13 57	14 19	18 1		n.a.	T 20
F 21	1 58	24 19	5 12	4 23	2 58	0n26	0 57	7 12	3 11	0 40	1 8	22 45	0 45	5 25	0 43	8 33	2 1	2 4	11 52	13 59	14 20	18 3		n.a.	F 21
S 22	1 35	26 44	5 3	4 4	2 49	0 57	0 55	7 19	3 9	0 46	1 8	22 45	0 45	5 24	0 43	8 33	2 1	2 4	11 52	14 0	14 21	18 6		n.a.	S 22
S 23	1 11	27 56	4 40	3 42	2 39	1 28	0 53	7 26	3 7	0 52	1 8	22 45	0 45	5 22	0 43	8 32	2 1	2 5	11 52	14 0	14 22	18 8		n.a.	S 23
M24	0 48	27 49	4 5	3 18	2 28	2 0	0 51	7 33	3 5	0 57	1 8	22 46	0 45	5 21	0 43	8 32	2 1	2 5	11 51	14 1	14 23	18 11		n.a.	M24
T 25	0 24	26 16	3 17	2 52	2 16	2 31	0 49	7 40	3 2	1 3	1 8	22 46	0 45	5 20	0 43	8 31	2 1	2 6	11 51	14 0	14 24	18 13		n.a.	T 25
W26	0 1	23 19	2 18	2 24	2 2	3 2	0 47	7 46	3 0	1 9	1 7	22 46	0 45	5 18	0 43	8 30	2 1	2 7	11 51	14 0	14 25	18 16		n.a.	W26
T 27	0n23	19 4	1 10	1 55	1 48	3 33	0 45	7 52	2 58	1 15	1 7	22 46	0 45	5 17	0 43	8 30	2 1	2 7	11 51	13 59	14 26	18 19		n.a.	T 27
F 28	0 46	13 41	0n 4	1 25	1 33	4 4	0 43	7 58	2 55	1 20	1 7	22 46	0 45	5 16	0 43	8 29	2 1	2 8	11 51	13 59	14 27	18 21		n.a.	F 28
S 29	1 9	7 26	1 20	0 55	1 17	4 35	0 41	8 4	2 53	1 26	1 7	22 46	0 45	5 14	0 43	8 29	2 1	2 8	11 51	13 59	14 28	18 24		n.a.	S 29
S 30	1 33	0 38	2 33	0 24	1 0	5 6	0 39	8 10	2 50	1 32	1 7	22 46	0 45	5 13	0 43	8 28	2 1	2 9	11 50	14 0	14 29	18 26		n.a.	S 30
M31	1n56	6n19	3n37	0s 6	0n44	5n37	0s37	8n15	2n48	1n38	1s 7	22s46	0n45	5s12	0s43	8s28	2n 1	2n 9	11s50	14s 2	14s30	18s29		n.a.	M31

Julian Day Number = 1598027.5, Delta T = 04h00m57s
Ecliptic obliquity = 23°44'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'11, Lahiri = - 8°37'11 Julian Calendar 1 March 338 BCE == Greg. Calendar 24 Feb. 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

APRIL 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 16 18	5♈47'01	22♈34	27°R30	16♈45	15°R26	6♈50	22♐18	18♓42	26°R27	4♉55	22°R52	21♒28	6♏27	n.a.	T 1
W 2	12 20 15	6°45'04	7♉40	26♓58	17°59	15♍ 8	7° 5	22°18	18°46	26♎26	4°56	22♒46	21°25	6°34	n.a.	W 2
T 3	12 24 11	7°43'05	22°36	26°30	19°13	14°50	7°19	22°19	18°49	26°24	4°57	22°40	21°21	6°41	n.a.	T 3
F 4	12 28 8	8°41'04	7♊17	26° 5	20°27	14°32	7°33	22°19	18°52	26°23	4°58	22°34	21°18	6°47	n.a.	F 4
S 5	12 32 4	9°39'02	21°35	25°44	21°40	14°15	7°47	22°19	18°56	26°21	5° 0	22°31	21°15	6°54	n.a.	S 5
S 6	12 36 1	10°36'57	5♋29	25°27	22°54	13°59	8° 2	22°19	18°59	26°20	5° 1	22°D30	21°12	7° 1	n.a.	S 6
M 7	12 39 58	11°34'50	19° 0	25°15	24° 8	13°44	8°16	22°R19	19° 2	26°18	5° 2	22°30	21° 9	7° 8	n.a.	M 7
T 8	12 43 54	12°32'42	2♌ 8	25° 7	25°22	13°29	8°30	22°19	19° 5	26°17	5° 3	22°31	21° 6	7°14	n.a.	T 8
W 9	12 47 51	13°30'31	14°58	25°D 4	26°35	13°15	8°44	22°19	19° 9	26°15	5° 5	22°32	21° 2	7°21	n.a.	W 9
T 10	12 51 47	14°28'19	27°32	25° 5	27°49	13° 2	8°58	22°19	19°12	26°14	5° 6	22°R32	20°59	7°28	n.a.	T 10
F 11	12 55 44	15°26'05	9♍54	25°11	29° 2	12°49	9°12	22°18	19°15	26°12	5° 7	22°30	20°56	7°34	n.a.	F 11
S 12	12 59 40	16°23'49	22° 7	25°22	0♉16	12°37	9°27	22°18	19°18	26°10	5° 9	22°26	20°53	7°41	n.a.	S 12
S 13	13 3 37	17°21'32	4♎12	25°38	1°29	12°26	9°41	22°17	19°21	26° 9	5°10	22°20	20°50	7°48	n.a.	S 13
M14	13 7 33	18°19'13	16°11	25°58	2°43	12°16	9°55	22°17	19°24	26° 7	5°11	22°12	20°46	7°55	n.a.	M14
T 15	13 11 30	19°16'52	28° 7	26°22	3°57	12° 7	10° 9	22°16	19°27	26° 6	5°12	22° 2	20°43	8° 1	n.a.	T 15
W16	13 15 27	20°14'30	10♏ 0	26°50	5°10	11°58	10°23	22°15	19°30	26° 4	5°14	21°51	20°40	8° 8	n.a.	W16
T 17	13 19 23	21°12'07	21°52	27°23	6°23	11°50	10°37	22°14	19°33	26° 2	5°15	21°40	20°37	8°15	n.a.	T 17
F 18	13 23 20	22° 9'43	3♐46	28° 0	7°37	11°43	10°51	22°13	19°36	26° 1	5°16	21°30	20°34	8°22	n.a.	F 18
S 19	13 27 16	23° 7'18	15°43	28°40	8°50	11°37	11° 5	22°12	19°39	25°59	5°18	21°22	20°31	8°28	n.a.	S 19
S 20	13 31 13	24° 4'51	27°47	29°24	10° 4	11°32	11°19	22°11	19°42	25°58	5°19	21°17	20°27	8°35	n.a.	S 20
M21	13 35 9	25° 2'23	10♑ 1	0♈12	11°17	11°27	11°33	22° 9	19°45	25°56	5°21	21°13	20°24	8°42	n.a.	M21
T 22	13 39 6	25°59'55	22°30	1° 4	12°31	11°23	11°47	22° 8	19°48	25°54	5°22	21°D12	20°21	8°48	n.a.	T 22
W23	13 43 2	26°57'25	5♒19	1°59	13°44	11°20	12° 1	22° 6	19°51	25°53	5°23	21°12	20°18	8°55	n.a.	W23
T 24	13 46 59	27°54'55	18°31	2°57	14°57	11°18	12°15	22° 5	19°54	25°51	5°25	21°R13	20°15	9° 2	n.a.	T 24
F 25	13 50 56	28°52'23	2♓10	3°58	16°11	11°17	12°29	22° 3	19°57	25°49	5°26	21°12	20°12	9° 9	n.a.	F 25
S 26	13 54 52	29°49'51	16°17	5° 2	17°24	11°D16	12°43	22° 1	20° 0	25°48	5°27	21°10	20° 8	9°15	n.a.	S 26
S 27	13 58 49	0♉47'17	0♈52	6°10	18°37	11°17	12°57	21°59	20° 2	25°46	5°29	21° 6	20° 5	9°22	n.a.	S 27
M28	14 2 45	1°44'43	15°50	7°20	19°50	11°18	13°11	21°58	20° 5	25°45	5°30	20°58	20° 2	9°29	n.a.	M28
T 29	14 6 42	2°42'08	1♉ 4	8°34	21° 4	11°19	13°24	21°55	20° 8	25°43	5°31	20°49	19°59	9°35	n.a.	T 29
W30	14 10 38	3♉39'32	16♉23	9♈50	22♉17	11♍22	13♈38	21♐53	20♓11	25♎41	5♉33	20♒39	19♒56	9♏42	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n20	13n 0	4n27	0s36	0n27	6n 8	0s35	8n20	2n45	1n43	1s 7	22s46	0n45	5s11	0s43	8s27	2n 1	2n10	11s50	14s 4	14s32	18s31		n.a.
W 2	2 43	18 55	4 58	1 4	0 10	6 38	0 32	8 25	2 42	1 49	1 7	22 46	0 45	5 9	0 43	8 27	2 1	2 10	11 50	14 6	14 33	18 34		n.a.
T 3	3 6	23 37	5 8	1 31	0s 6	7 9	0 30	8 29	2 39	1 55	1 7	22 46	0 45	5 8	0 43	8 26	2 1	2 11	11 50	14 8	14 34	18 36		n.a.
F 4	3 29	26 42	4 58	1 55	0 23	7 39	0 28	8 34	2 37	2 0	1 7	22 46	0 45	5 7	0 43	8 25	2 1	2 11	11 50	14 10	14 35	18 39		n.a.
S 5	3 52	27 57	4 30	2 18	0 39	8 9	0 26	8 38	2 34	2 6	1 7	22 46	0 45	5 5	0 43	8 25	2 1	2 12	11 50	14 11	14 36	18 41		n.a.
S 6	4 15	27 23	3 46	2 39	0 54	8 39	0 23	8 41	2 31	2 12	1 7	22 46	0 45	5 4	0 43	8 24	2 1	2 12	11 49	14 11	14 37	18 44		n.a.
M 7	4 38	25 11	2 51	2 58	1 9	9 9	0 21	8 45	2 28	2 18	1 7	22 46	0 45	5 3	0 43	8 24	2 1	2 13	11 49	14 11	14 38	18 46		n.a.
T 8	5 1	21 41	1 48	3 14	1 23	9 38	0 19	8 48	2 25	2 23	1 7	22 46	0 45	5 2	0 43	8 23	2 1	2 14	11 49	14 11	14 39	18 49		n.a.
W 9	5 24	17 12	0 41	3 27	1 36	10 8	0 16	8 50	2 22	2 29	1 7	22 46	0 45	5 0	0 43	8 23	2 1	2 14	11 49	14 11	14 40	18 51		n.a.
T 10	5 46	12 3	0s27	3 38	1 48	10 37	0 14	8 53	2 19	2 35	1 7	22 46	0 45	4 59	0 43	8 22	2 1	2 15	11 49	14 10	14 41	18 53		n.a.
F 11	6 9	6 32	1 32	3 46	2 0	11 5	0 11	8 55	2 16	2 40	1 7	22 46	0 45	4 58	0 43	8 21	2 1	2 15	11 49	14 11	14 42	18 56		n.a.
S 12	6 31	0 51	2 32	3 51	2 11	11 34	0 9	8 57	2 13	2 46	1 7	22 46	0 45	4 57	0 43	8 21	2 1	2 16	11 49	14 12	14 43	18 58		n.a.
S 13	6 54	4s48	3 24	3 54	2 20	12 2	0 7	8 58	2 10	2 52	1 7	22 46	0 45	4 55	0 43	8 20	2 1	2 16	11 48	14 14	14 44	19 1		n.a.
M14	7 16	10 14	4 7	3 54	2 29	12 30	0 4	8 59	2 7	2 57	1 7	22 46	0 45	4 54	0 43	8 20	2 1	2 17	11 48	14 17	14 45	19 3		n.a.
T 15	7 38	15 15	4 38	3 52	2 37	12 58	0 2	9 0	2 4	3 3	1 7	22 46	0 45	4 53	0 43	8 19	2 1	2 17	11 48	14 20	14 46	19 6		n.a.
W16	8 0	19 41	4 57	3 47	2 45	13 25	0n 1	9 1	2 1	3 8	1 7	22 46	0 45	4 52	0 43	8 18	2 1	2 18	11 48	14 24	14 47	19 8		n.a.
T 17	8 22	23 20	5 4	3 40	2 51	13 52	0 3	9 1	1 58	3 14	1 7	22 46	0 45	4 51	0 43	8 18	2 1	2 18	11 48	14 28	14 48	19 10		n.a.
F 18	8 44	26 1	4 57	3 30	2 56	14 19	0 6	9 1	1 55	3 20	1 7	22 46	0 45	4 49	0 43	8 17	2 1	2 19	11 48	14 31	14 49	19 13		n.a.
S 19	9 6	27 33	4 37	3 18	3 1	14 45	0 8	9 1	1 52	3 25	1 7	22 46	0 45	4 48	0 43	8 17	2 1	2 19	11 48	14 33	14 50	19 15		n.a.
S 20	9 27	27 48	4 5	3 3	3 5	15 11	0 11	9 0	1 49	3 31	1 7	22 46	0 45	4 47	0 43	8 16	2 1	2 20	11 48	14 35	14 51	19 18		n.a.
M21	9 49	26 42	3 21	2 47	3 8	15 37	0 13	8 59	1 46	3 36	1 7	22 46	0 45	4 46	0 43	8 15	2 1	2 20	11 48	14 36	14 52	19 20		n.a.
T 22	10 10	24 14	2 27	2 28	3 10	16 2	0 16	8 58	1 43	3 42	1 7	22 46	0 45	4 45	0 43	8 15	2 1	2 21	11 48	14 37	14 53	19 23		n.a.
W23	10 31	20 32	1 24	2 7	3 11	16 27	0 18	8 56	1 40	3 47	1 7	22 46	0 44	4 44	0 43	8 14	2 1	2 21	11 48	14 37	14 54	19 25		n.a.
T 24	10 52	15 42	0 14	1 45	3 12	16 52	0 21	8 54	1 37	3 53	1 7	22 45	0 44	4 42	0 43	8 14	2 1	2 22	11 47	14 36	14 55	19 27		n.a.
F 25	11 13	9 56	0n58	1 20	3 12	17 16	0 23	8 52	1 34	3 58	1 7	22 45	0 44	4 41	0 43	8 13	2 1	2 22	11 47	14 37	14 56	19 30		n.a.
S 26	11 33	3 30	2 9	0 53	3 11	17 39	0 26	8 50	1 31	4 4	1 7	22 45	0 44	4 40	0 43	8 12	2 1	2 23	11 47	14 37	14 57	19 32		n.a.
S 27	11 53	3n18	3 14	0 25	3 9	18 2	0 28	8 47	1 28	4 9	1 7	22 45	0 44	4 39	0 43	8 12	2 1	2 23	11 47	14 39	14 58	19 34		n.a.
M28	12 14	10 6	4 7	0n 5	3 7	18 25	0 31	8 44	1 26	4 15	1 7	22 45	0 44	4 38	0 43	8 11	2 1	2 24	11 47	14 41	14 59	19 37		n.a.
T 29	12 34	16 25	4 44	0 37	3 4	18 47	0 33	8 41	1 23	4 20	1 7	22 45	0 44	4 37	0 43	8 11	2 1	2 24	11 47	14 44	15 0	19 39		n.a.
W30	12n54	21n44	5n 1	1n11	3s 1	19n 9	0n36	8n37	1n20	4n25	1s 7	22s45	0n44	4s36	0s43	8s10	2n 1	2n25	11s47	14s47	15s 1	19s41		n.a.

Julian Day Number = 1598058.5, Delta T = 04h00m56s
Ecliptic obliquity = 23°44'18, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'07, Lahiri = - 8°37'07 Julian Calendar 1 Apr. 338 BCE == Greg. Calendar 27 March 338 BCE

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

MAY 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 14 35	4♉36'54	1♊35	11♈ 9	23♉30	11♍25	13♈52	21°R51	20♓13	25°R40	5♉34	20°R29	19♒52	9♏49	n.a.	T 1
F 2	14 18 31	5°34'16	16°30	12°31	24°43	11°29	14° 6	21♐49	20°16	25♎38	5°36	20♒21	19°49	9°56	n.a.	F 2
S 3	14 22 28	6°31'37	1♋ 1	13°56	25°57	11°34	14°19	21°46	20°19	25°37	5°37	20°15	19°46	10° 2	n.a.	S 3
S 4	14 26 25	7°28'56	15° 4	15°23	27°10	11°40	14°33	21°44	20°21	25°35	5°38	20°11	19°43	10° 9	n.a.	S 4
M 5	14 30 21	8°26'14	28°38	16°53	28°23	11°46	14°46	21°42	20°24	25°33	5°40	20° 9	19°40	10°16	n.a.	M 5
T 6	14 34 18	9°23'31	11♌47	18°25	29°36	11°53	15° 0	21°39	20°26	25°32	5°41	20°D 9	19°37	10°23	n.a.	T 6
W 7	14 38 14	10°20'47	24°32	20° 1	0♊49	12° 1	15°14	21°36	20°29	25°30	5°42	20°R 9	19°33	10°29	n.a.	W 7
T 8	14 42 11	11°18'02	7♍ 0	21°39	2° 2	12°10	15°27	21°33	20°31	25°29	5°44	20° 8	19°30	10°36	n.a.	T 8
F 9	14 46 7	12°15'16	19°13	23°19	3°15	12°19	15°40	21°31	20°34	25°27	5°45	20° 5	19°27	10°43	n.a.	F 9
S 10	14 50 4	13°12'28	1♎17	25° 2	4°28	12°29	15°54	21°28	20°36	25°26	5°46	20° 0	19°24	10°49	n.a.	S 10
S 11	14 54 0	14° 9'40	13°15	26°48	5°41	12°39	16° 7	21°25	20°38	25°24	5°48	19°52	19°21	10°56	n.a.	S 11
M12	14 57 57	15° 6'51	25° 9	28°36	6°54	12°50	16°20	21°22	20°41	25°23	5°49	19°41	19°17	11° 3	n.a.	M12
T 13	15 1 54	16° 4'02	7♏ 1	0♉27	8° 7	13° 2	16°34	21°18	20°43	25°21	5°51	19°28	19°14	11°10	n.a.	T 13
W14	15 5 50	17° 1'11	18°54	2°20	9°20	13°14	16°47	21°15	20°45	25°20	5°52	19°15	19°11	11°16	n.a.	W14
T 15	15 9 47	17°58'21	0♐48	4°16	10°33	13°27	17° 0	21°12	20°47	25°18	5°53	19° 1	19° 8	11°23	n.a.	T 15
F 16	15 13 43	18°55'30	12°46	6°14	11°46	13°41	17°13	21° 9	20°50	25°17	5°55	18°48	19° 5	11°30	n.a.	F 16
S 17	15 17 40	19°52'38	24°48	8°14	12°59	13°55	17°26	21° 5	20°52	25°15	5°56	18°38	19° 2	11°36	n.a.	S 17
S 18	15 21 36	20°49'46	6♑57	10°16	14°11	14°10	17°39	21° 2	20°54	25°14	5°57	18°30	18°58	11°43	n.a.	S 18
M19	15 25 33	21°46'54	19°15	12°20	15°24	14°25	17°52	20°58	20°56	25°12	5°59	18°26	18°55	11°50	n.a.	M19
T 20	15 29 30	22°44'02	1♒47	14°26	16°37	14°41	18° 5	20°55	20°58	25°11	6° 0	18°23	18°52	11°57	n.a.	T 20
W21	15 33 26	23°41'10	14°34	16°33	17°50	14°57	18°17	20°51	21° 0	25°10	6° 1	18°23	18°49	12° 3	n.a.	W21
T 22	15 37 23	24°38'17	27°43	18°42	19° 2	15°14	18°30	20°47	21° 2	25° 8	6° 3	18°23	18°46	12°10	n.a.	T 22
F 23	15 41 19	25°35'25	11♓15	20°51	20°15	15°32	18°43	20°44	21° 4	25° 7	6° 4	18°22	18°43	12°17	n.a.	F 23
S 24	15 45 16	26°32'32	25°14	23° 2	21°28	15°50	18°56	20°40	21° 6	25° 6	6° 5	18°20	18°39	12°24	n.a.	S 24
S 25	15 49 12	27°29'40	9♈39	25°12	22°41	16° 9	19° 8	20°36	21° 7	25° 4	6° 6	18°15	18°36	12°30	n.a.	S 25
M26	15 53 9	28°26'47	24°28	27°23	23°53	16°28	19°21	20°32	21° 9	25° 3	6° 8	18° 8	18°33	12°37	n.a.	M26
T 27	15 57 5	29°23'55	9♉35	29°34	25° 6	16°47	19°33	20°28	21°11	25° 2	6° 9	17°59	18°30	12°44	n.a.	T 27
W28	16 1 2	0♊21'03	24°50	1♊45	26°18	17° 7	19°45	20°24	21°13	25° 0	6°10	17°48	18°27	12°50	n.a.	W28
T 29	16 4 59	1°18'10	10♊ 3	3°55	27°31	17°28	19°58	20°20	21°14	24°59	6°12	17°38	18°23	12°57	n.a.	T 29
F 30	16 8 55	2°15'18	25° 2	6° 4	28°44	17°49	20°10	20°16	21°16	24°58	6°13	17°29	18°20	13° 4	n.a.	F 30
S 31	16 12 52	3♊12'26	9♋40	8♊12	29♊56	18♍10	20♈22	20♐12	21♓17	24♎57	6♉14	17♒23	18♒17	13♏11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	13n13	25n33	4n56	1n46	2s56	19n30	0n38	8n33	1n17	4n31	1s 7	22s45	0n44	4s35	0s43	8s10	2n 1	2n25	11s47	14s50	15s 2	19s44			n.a.
F 2	13 33	27 32	4 31	2 23	2 51	19 51	0 41	8 29	1 14	4 36	1 7	22 45	0 44	4 34	0 43	8 9	2 1	2 26	11 47	14 53	15 3	19 46			n.a.
S 3	13 52	27 33	3 49	3 1	2 46	20 11	0 43	8 25	1 12	4 41	1 7	22 45	0 44	4 33	0 43	8 8	2 1	2 26	11 47	14 55	15 4	19 49			n.a.
S 4	14 11	25 46	2 54	3 40	2 40	20 30	0 45	8 20	1 9	4 47	1 7	22 44	0 44	4 32	0 43	8 8	2 1	2 27	11 47	14 56	15 5	19 51			n.a.
M 5	14 30	22 30	1 51	4 21	2 33	20 49	0 48	8 15	1 6	4 52	1 7	22 44	0 44	4 31	0 43	8 7	2 1	2 27	11 47	14 57	15 6	19 53			n.a.
T 6	14 48	18 11	0 44	5 3	2 26	21 8	0 50	8 10	1 4	4 57	1 7	22 44	0 44	4 30	0 43	8 7	2 1	2 28	11 47	14 57	15 7	19 56			n.a.
W 7	15 6	13 9	0s23	5 47	2 19	21 26	0 52	8 5	1 1	5 3	1 7	22 44	0 44	4 29	0 43	8 6	2 1	2 28	11 47	14 57	15 8	19 58			n.a.
T 8	15 24	7 42	1 28	6 31	2 11	21 43	0 55	7 59	0 59	5 8	1 7	22 44	0 44	4 28	0 43	8 6	2 1	2 29	11 47	14 57	15 9	20 0			n.a.
F 9	15 42	2 4	2 27	7 17	2 2	22 0	0 57	7 53	0 56	5 13	1 7	22 44	0 44	4 27	0 43	8 5	2 1	2 29	11 47	14 58	15 10	20 2			n.a.
S 10	16 0	3s33	3 19	8 4	1 53	22 16	0 59	7 47	0 54	5 18	1 7	22 44	0 44	4 26	0 43	8 5	2 1	2 29	11 47	15 0	15 11	20 5			n.a.
S 11	16 17	8 59	4 1	8 51	1 44	22 32	1 1	7 41	0 51	5 23	1 7	22 43	0 44	4 25	0 43	8 4	2 1	2 30	11 47	15 2	15 12	20 7			n.a.
M12	16 34	14 4	4 33	9 39	1 34	22 47	1 3	7 34	0 49	5 28	1 7	22 43	0 44	4 24	0 44	8 3	2 1	2 30	11 47	15 6	15 13	20 9			n.a.
T 13	16 51	18 37	4 52	10 28	1 24	23 1	1 6	7 27	0 46	5 33	1 7	22 43	0 44	4 23	0 44	8 3	2 1	2 31	11 47	15 10	15 14	20 12			n.a.
W14	17 8	22 27	4 59	11 17	1 13	23 14	1 8	7 20	0 44	5 39	1 7	22 43	0 44	4 22	0 44	8 2	2 1	2 31	11 47	15 14	15 15	20 14			n.a.
T 15	17 24	25 21	4 53	12 7	1 3	23 27	1 10	7 13	0 41	5 44	1 7	22 43	0 44	4 22	0 44	8 2	2 1	2 32	11 47	15 19	15 16	20 16			n.a.
F 16	17 40	27 8	4 34	12 57	0 52	23 40	1 12	7 6	0 39	5 49	1 7	22 43	0 44	4 21	0 44	8 1	2 1	2 32	11 47	15 22	15 17	20 18			n.a.
S 17	17 56	27 41	4 3	13 47	0 41	23 51	1 14	6 58	0 37	5 54	1 7	22 42	0 44	4 20	0 44	8 1	2 1	2 32	11 47	15 26	15 18	20 21			n.a.
S 18	18 11	26 53	3 20	14 37	0 30	24 2	1 16	6 50	0 35	5 59	1 7	22 42	0 44	4 19	0 44	8 0	2 1	2 33	11 47	15 28	15 19	20 23			n.a.
M19	18 26	24 46	2 27	15 26	0 19	24 13	1 17	6 42	0 32	6 3	1 7	22 42	0 44	4 18	0 44	8 0	2 1	2 33	11 47	15 30	15 20	20 25			n.a.
T 20	18 41	21 25	1 27	16 15	0 8	24 22	1 19	6 34	0 30	6 8	1 7	22 42	0 44	4 18	0 44	7 59	2 1	2 34	11 47	15 30	15 21	20 27			n.a.
W21	18 56	16 59	0 20	17 3	0n 3	24 31	1 21	6 26	0 28	6 13	1 7	22 42	0 44	4 17	0 44	7 59	2 1	2 34	11 47	15 31	15 22	20 30			n.a.
T 22	19 10	11 39	0n49	17 49	0 14	24 39	1 23	6 17	0 26	6 18	1 8	22 41	0 44	4 16	0 44	7 59	2 1	2 34	11 47	15 31	15 23	20 32			n.a.
F 23	19 24	5 37	1 58	18 35	0 24	24 47	1 24	6 8	0 24	6 23	1 8	22 41	0 43	4 15	0 44	7 58	2 1	2 35	11 47	15 31	15 24	20 34			n.a.
S 24	19 37	0n51	3 2	19 19	0 34	24 53	1 26	5 59	0 22	6 28	1 8	22 41	0 43	4 15	0 44	7 58	2 1	2 35	11 47	15 31	15 25	20 36			n.a.
S 25	19 51	7 28	3 56	20 1	0 44	24 59	1 27	5 50	0 19	6 32	1 8	22 41	0 43	4 14	0 44	7 57	2 1	2 35	11 47	15 33	15 26	20 39			n.a.
M26	20 4	13 52	4 36	20 41	0 53	25 4	1 29	5 41	0 17	6 37	1 8	22 41	0 43	4 13	0 44	7 57	2 1	2 36	11 47	15 35	15 27	20 41			n.a.
T 27	20 16	19 33	4 58	21 19	1 2	25 9	1 30	5 31	0 15	6 42	1 8	22 40	0 43	4 13	0 44	7 56	2 1	2 36	11 47	15 38	15 28	20 43			n.a.
W28	20 29	24 2	4 59	21 55	1 10	25 13	1 32	5 21	0 13	6 46	1 8	22 40	0 43	4 12	0 44	7 56	2 1	2 37	11 47	15 41	15 29	20 45			n.a.
T 29	20 41	26 49	4 38	22 28	1 18	25 16	1 33	5 11	0 11	6 51	1 8	22 40	0 43	4 11	0 44	7 55	2 0	2 37	11 48	15 44	15 30	20 47			n.a.
F 30	20 52	27 38	3 59	22 59	1 25	25 18	1 34	5 1	0 10	6 56	1 8	22 40	0 43	4 11	0 44	7 55	2 0	2 37	11 48	15 47	15 31	20 50			n.a.
S 31	21n 4	26n27	3n 5	23n27	1n31	25n20	1n35	4n51	0n 8	7n 0	1s 8	22s39	0n43	4s10	0s44	7s55	2n 0	2n38	11s48	15s49	15s32	20s52			n.a.

Julian Day Number = 1598088.5, Delta T = 04h00m55s
Ecliptic obliquity = 23°44'17, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°44'03, Lahiri = - 8°37'03 Julian Calendar 1 May 338 BCE == Greg. Calendar 26 Apr. 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

JUNE 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 16 48	4♊ 9'33	23♋50	10♊19	1♋ 9	18♍32	20♈34	20°R 8	21♓19	24°R56	6♉15	17°R18	18♒14	13♏17	n.a.	S 1
M 2	16 20 45	5° 6'40	7♌30	12°25	2°21	18°54	20°46	20♐ 4	21°20	24♎54	6°17	17♒16	18°11	13°24	n.a.	M 2
T 3	16 24 41	6° 3'47	20°43	14°29	3°34	19°17	20°58	20° 0	21°22	24°53	6°18	17°D16	18° 8	13°31	n.a.	T 3
W 4	16 28 38	7° 0'53	3♍31	16°31	4°46	19°40	21°10	19°55	21°23	24°52	6°19	17°R17	18° 4	13°38	n.a.	W 4
T 5	16 32 34	7°58'00	15°59	18°32	5°58	20° 4	21°22	19°51	21°25	24°51	6°20	17°16	18° 1	13°44	n.a.	T 5
F 6	16 36 31	8°55'06	28°11	20°31	7°11	20°28	21°33	19°47	21°26	24°50	6°21	17°15	17°58	13°51	n.a.	F 6
S 7	16 40 28	9°52'12	10♎12	22°28	8°23	20°52	21°45	19°42	21°27	24°49	6°23	17°11	17°55	13°58	n.a.	S 7
S 8	16 44 24	10°49'18	22° 7	24°23	9°35	21°17	21°56	19°38	21°28	24°48	6°24	17° 4	17°52	14° 4	n.a.	S 8
M 9	16 48 21	11°46'25	3♏59	26°17	10°48	21°42	22° 8	19°34	21°29	24°47	6°25	16°55	17°49	14°11	n.a.	M 9
T 10	16 52 17	12°43'31	15°51	28° 8	12° 0	22° 8	22°19	19°29	21°31	24°46	6°26	16°45	17°45	14°18	n.a.	T 10
W11	16 56 14	13°40'38	27°46	29°58	13°12	22°34	22°31	19°25	21°32	24°45	6°27	16°33	17°42	14°25	n.a.	W11
T 12	17 0 10	14°37'45	9♐45	1♋46	14°24	23° 0	22°42	19°21	21°33	24°44	6°28	16°22	17°39	14°31	n.a.	T 12
F 13	17 4 7	15°34'53	21°50	3°31	15°36	23°27	22°53	19°16	21°34	24°43	6°29	16°12	17°36	14°38	n.a.	F 13
S 14	17 8 4	16°32'01	4♑ 2	5°15	16°48	23°54	23° 4	19°12	21°34	24°42	6°30	16° 3	17°33	14°45	n.a.	S 14
S 15	17 12 0	17°29'10	16°22	6°57	18° 0	24°21	23°15	19° 7	21°35	24°42	6°32	15°57	17°29	14°52	n.a.	S 15
M16	17 15 57	18°26'19	28°51	8°37	19°12	24°49	23°25	19° 3	21°36	24°41	6°33	15°53	17°26	14°58	n.a.	M16
T 17	17 19 53	19°23'29	11♒33	10°15	20°24	25°17	23°36	18°59	21°37	24°40	6°34	15°D52	17°23	15° 5	n.a.	T 17
W18	17 23 50	20°20'40	24°28	11°52	21°36	25°45	23°47	18°54	21°38	24°39	6°35	15°52	17°20	15°12	n.a.	W18
T 19	17 27 46	21°17'51	7♓40	13°26	22°48	26°13	23°57	18°50	21°38	24°39	6°36	15°53	17°17	15°18	n.a.	T 19
F 20	17 31 43	22°15'04	21°11	14°58	24° 0	26°42	24° 8	18°45	21°39	24°38	6°37	15°R53	17°14	15°25	n.a.	F 20
S 21	17 35 39	23°12'17	5♈ 4	16°29	25°12	27°12	24°18	18°41	21°40	24°37	6°38	15°53	17°10	15°32	n.a.	S 21
S 22	17 39 36	24° 9'31	19°17	17°57	26°24	27°41	24°28	18°37	21°40	24°37	6°39	15°50	17° 7	15°39	n.a.	S 22
M23	17 43 33	25° 6'47	3♉51	19°24	27°36	28°11	24°38	18°32	21°41	24°36	6°40	15°46	17° 4	15°45	n.a.	M23
T 24	17 47 29	26° 4'03	18°40	20°48	28°47	28°41	24°48	18°28	21°41	24°35	6°41	15°40	17° 1	15°52	n.a.	T 24
W25	17 51 26	27° 1'21	3♊37	22°11	29°59	29°11	24°58	18°23	21°41	24°35	6°42	15°33	16°58	15°59	n.a.	W25
T 26	17 55 22	27°58'40	18°35	23°31	1♌11	29°42	25° 8	18°19	21°42	24°34	6°43	15°26	16°55	16° 5	n.a.	T 26
F 27	17 59 19	28°55'59	3♋23	24°50	2°22	0♎13	25°18	18°15	21°42	24°34	6°44	15°19	16°51	16°12	n.a.	F 27
S 28	18 3 15	29°53'20	17°55	26° 6	3°34	0°44	25°27	18°10	21°42	24°33	6°44	15°15	16°48	16°19	n.a.	S 28
S 29	18 7 12	0♋50'41	2♌ 3	27°20	4°46	1°16	25°37	18° 6	21°43	24°33	6°45	15°12	16°45	16°26	n.a.	S 29
M30	18 11 9	1♋48'03	15♌46	28♋32	5♌57	1♎48	25♈46	18♐ 2	21♓43	24♎33	6♉46	15°D11	16♒42	16♏32	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n14	23n35	2n 1	23n52	1n37	25n20	1n37	4n41	0n 6	7n 5	1s 8	22s39	0n43	4s10	0s44	7s54	2n 0	2n38	11s48	15s50	15s33	20s54		n.a.
M 2	21 25	19 27	0 52	24 14	1 41	25 21	1 38	4 30	0 4	7 9	1 8	22 39	0 43	4 9	0 44	7 54	2 0	2 38	11 48	15 51	15 34	20 56		n.a.
T 3	21 35	14 29	0s18	24 34	1 46	25 20	1 39	4 19	0 2	7 14	1 8	22 39	0 43	4 8	0 44	7 53	2 0	2 38	11 48	15 51	15 35	20 58		n.a.
W 4	21 45	9 1	1 25	24 51	1 49	25 18	1 39	4 9	0 0	7 18	1 8	22 38	0 43	4 8	0 44	7 53	2 0	2 39	11 48	15 51	15 36	21 0		n.a.
T 5	21 55	3 21	2 26	25 6	1 52	25 16	1 40	3 58	0s 1	7 22	1 8	22 38	0 43	4 7	0 44	7 53	2 0	2 39	11 48	15 51	15 37	21 3		n.a.
F 6	22 4	2s19	3 19	25 17	1 54	25 13	1 41	3 46	0 3	7 27	1 9	22 38	0 43	4 7	0 44	7 52	2 0	2 39	11 48	15 52	15 38	21 5		n.a.
S 7	22 12	7 48	4 2	25 26	1 55	25 10	1 42	3 35	0 5	7 31	1 9	22 38	0 43	4 6	0 44	7 52	2 0	2 40	11 48	15 53	15 39	21 7		n.a.
S 8	22 21	12 57	4 35	25 33	1 56	25 5	1 42	3 24	0 7	7 35	1 9	22 37	0 42	4 6	0 44	7 52	2 0	2 40	11 48	15 55	15 40	21 9		n.a.
M 9	22 29	17 37	4 55	25 37	1 56	25 0	1 43	3 12	0 8	7 40	1 9	22 37	0 42	4 6	0 44	7 51	2 0	2 40	11 48	15 57	15 41	21 11		n.a.
T 10	22 36	21 36	5 2	25 39	1 55	24 54	1 43	3 0	0 10	7 44	1 9	22 37	0 42	4 5	0 44	7 51	2 0	2 40	11 49	16 1	15 42	21 13		n.a.
W11	22 44	24 43	4 57	25 38	1 54	24 48	1 44	2 49	0 12	7 48	1 9	22 37	0 42	4 5	0 44	7 51	2 0	2 41	11 49	16 4	15 43	21 15		n.a.
T 12	22 50	26 46	4 38	25 36	1 52	24 40	1 44	2 37	0 13	7 52	1 9	22 36	0 42	4 4	0 44	7 51	2 0	2 41	11 49	16 8	15 44	21 17		n.a.
F 13	22 57	27 35	4 7	25 31	1 50	24 32	1 44	2 24	0 15	7 56	1 9	22 36	0 42	4 4	0 45	7 50	2 0	2 41	11 49	16 11	15 45	21 20		n.a.
S 14	23 3	27 4	3 24	25 25	1 47	24 24	1 45	2 12	0 16	8 0	1 9	22 36	0 42	4 4	0 45	7 50	2 0	2 41	11 49	16 13	15 46	21 22		n.a.
S 15	23 8	25 13	2 31	25 16	1 43	24 14	1 45	2 0	0 18	8 4	1 9	22 35	0 42	4 3	0 45	7 50	2 0	2 42	11 49	16 15	15 47	21 24		n.a.
M16	23 14	22 6	1 30	25 6	1 39	24 4	1 45	1 47	0 20	8 8	1 10	22 35	0 42	4 3	0 45	7 49	2 0	2 42	11 49	16 16	15 48	21 26		n.a.
T 17	23 18	17 54	0 23	24 55	1 35	23 53	1 45	1 35	0 21	8 12	1 10	22 35	0 42	4 3	0 45	7 49	2 0	2 42	11 49	16 17	15 49	21 28		n.a.
W18	23 23	12 48	0n46	24 41	1 30	23 42	1 44	1 22	0 23	8 16	1 10	22 35	0 42	4 3	0 45	7 49	1 59	2 42	11 50	16 17	15 50	21 30		n.a.
T 19	23 27	7 2	1 54	24 27	1 24	23 30	1 44	1 9	0 24	8 20	1 10	22 34	0 42	4 2	0 45	7 49	1 59	2 42	11 50	16 16	15 51	21 32		n.a.
F 20	23 30	0 49	2 58	24 11	1 18	23 17	1 44	0 56	0 25	8 23	1 10	22 34	0 41	4 2	0 45	7 49	1 59	2 43	11 50	16 16	15 52	21 34		n.a.
S 21	23 34	5n35	3 53	23 54	1 12	23 3	1 44	0 43	0 27	8 27	1 10	22 34	0 41	4 2	0 45	7 48	1 59	2 43	11 50	16 16	15 53	21 36		n.a.
S 22	23 36	11 52	4 35	23 35	1 5	22 49	1 43	0 30	0 28	8 31	1 10	22 33	0 41	4 2	0 45	7 48	1 59	2 43	11 50	16 17	15 54	21 38		n.a.
M23	23 39	17 39	5 0	23 16	0 57	22 35	1 43	0 17	0 30	8 34	1 10	22 33	0 41	4 2	0 45	7 48	1 59	2 43	11 50	16 19	15 55	21 40		n.a.
T 24	23 41	22 29	5 6	22 55	0 50	22 19	1 42	0 3	0 31	8 38	1 10	22 33	0 41	4 1	0 45	7 48	1 59	2 43	11 50	16 20	15 56	21 42		n.a.
W25	23 42	25 55	4 52	22 34	0 42	22 3	1 41	0s10	0 32	8 42	1 11	22 33	0 41	4 1	0 45	7 48	1 59	2 44	11 51	16 23	15 57	21 44		n.a.
T 26	23 43	27 31	4 17	22 12	0 33	21 47	1 40	0 24	0 34	8 45	1 11	22 32	0 41	4 1	0 45	7 48	1 59	2 44	11 51	16 25	15 58	21 46		n.a.
F 27	23 44	27 7	3 26	21 50	0 24	21 29	1 39	0 37	0 35	8 49	1 11	22 32	0 41	4 1	0 45	7 48	1 59	2 44	11 51	16 27	15 59	21 48		n.a.
S 28	23 44	24 52	2 22	21 26	0 15	21 12	1 38	0 51	0 36	8 52	1 11	22 32	0 41	4 1	0 45	7 47	1 59	2 44	11 51	16 28	16 0	21 50		n.a.
S 29	23 44	21 6	1 10	21 3	0 6	20 53	1 37	1 5	0 38	8 55	1 11	22 31	0 41	4 1	0 45	7 47	1 59	2 44	11 51	16 29	16 1	21 52		n.a.
M30	23n44	16n16	0s 3	20n39	0s 4	20n34	1n36	1s19	0s39	8n59	1s11	22s31	0n40	4s 1	0s45	7s47	1n59	2n44	11s51	16s29	16s 2	21s54		n.a.

Julian Day Number = 1598119.5, Delta T = 04h00m54s
Ecliptic obliquity = 23°44'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'59, Lahiri = - 8°36'58 Julian Calendar 1 June 338 BCE == Greg. Calendar 27 May 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

JULY 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 15 5	2♋45'26	29♌ 2	29♋41	7♌ 9	2♎20	25♈55	17°R58	21♓43	24°R32	6♉47	15♒12	16♒39	16♏39	n.a.	T 1
W 2	18 19 2	3°42'49	11♍54	0♌48	8°20	2°52	26° 4	17♐54	21°R43	24♎32	6°48	15°13	16°35	16°46	n.a.	W 2
T 3	18 22 58	4°40'13	24°24	1°53	9°31	3°25	26°13	17°49	21°43	24°32	6°49	15°15	16°32	16°53	n.a.	T 3
F 4	18 26 55	5°37'38	6♎39	2°55	10°43	3°57	26°22	17°45	21°43	24°31	6°49	15°R15	16°29	16°59	n.a.	F 4
S 5	18 30 51	6°35'04	18°41	3°54	11°54	4°30	26°31	17°41	21°43	24°31	6°50	15°14	16°26	17° 6	n.a.	S 5
S 6	18 34 48	7°32'31	0♏36	4°50	13° 5	5° 4	26°39	17°37	21°43	24°31	6°51	15°12	16°23	17°13	n.a.	S 6
M 7	18 38 44	8°29'58	12°29	5°43	14°16	5°37	26°48	17°33	21°42	24°31	6°52	15° 8	16°20	17°19	n.a.	M 7
T 8	18 42 41	9°27'27	24°23	6°33	15°27	6°11	26°56	17°29	21°42	24°30	6°52	15° 3	16°16	17°26	n.a.	T 8
W 9	18 46 38	10°24'57	6♐21	7°20	16°38	6°45	27° 4	17°25	21°42	24°30	6°53	14°57	16°13	17°33	n.a.	W 9
T 10	18 50 34	11°22'28	18°26	8° 3	17°49	7°19	27°12	17°21	21°42	24°30	6°54	14°51	16°10	17°40	n.a.	T 10
F 11	18 54 31	12°20'00	0♑40	8°43	19° 0	7°54	27°20	17°18	21°41	24°30	6°55	14°45	16° 7	17°46	n.a.	F 11
S 12	18 58 27	13°17'34	13° 4	9°19	20°11	8°28	27°28	17°14	21°41	24°D30	6°55	14°41	16° 4	17°53	n.a.	S 12
S 13	19 2 24	14°15'08	25°40	9°51	21°22	9° 3	27°36	17°10	21°40	24°30	6°56	14°38	16° 1	18° 0	n.a.	S 13
M14	19 6 20	15°12'44	8♒27	10°18	22°33	9°38	27°43	17° 7	21°40	24°30	6°56	14°D37	15°57	18° 7	n.a.	M14
T 15	19 10 17	16°10'22	21°27	10°41	23°44	10°13	27°51	17° 3	21°39	24°30	6°57	14°37	15°54	18°13	n.a.	T 15
W16	19 14 13	17° 8'01	4♓39	11° 0	24°54	10°49	27°58	16°59	21°38	24°30	6°58	14°38	15°51	18°20	n.a.	W16
T 17	19 18 10	18° 5'42	18° 5	11°13	26° 5	11°24	28° 5	16°56	21°38	24°31	6°58	14°39	15°48	18°27	n.a.	T 17
F 18	19 22 7	19° 3'24	1♈45	11°21	27°15	12° 0	28°12	16°53	21°37	24°31	6°59	14°41	15°45	18°33	n.a.	F 18
S 19	19 26 3	20° 1'08	15°39	11°R24	28°26	12°36	28°19	16°49	21°36	24°31	6°59	14°R41	15°41	18°40	n.a.	S 19
S 20	19 30 0	20°58'54	29°46	11°22	29°36	13°12	28°25	16°46	21°36	24°31	7° 0	14°41	15°38	18°47	n.a.	S 20
M21	19 33 56	21°56'42	14♉ 5	11°13	0♍47	13°49	28°32	16°43	21°35	24°31	7° 0	14°40	15°35	18°54	n.a.	M21
T 22	19 37 53	22°54'32	28°34	10°59	1°57	14°25	28°38	16°40	21°34	24°32	7° 1	14°38	15°32	19° 0	n.a.	T 22
W23	19 41 49	23°52'24	13♊ 7	10°39	3° 7	15° 2	28°44	16°37	21°33	24°32	7° 1	14°35	15°29	19° 7	n.a.	W23
T 24	19 45 46	24°50'18	27°39	10°13	4°17	15°39	28°50	16°34	21°32	24°32	7° 2	14°33	15°26	19°14	n.a.	T 24
F 25	19 49 42	25°48'13	12♋ 4	9°42	5°27	16°16	28°56	16°31	21°31	24°33	7° 2	14°30	15°22	19°21	n.a.	F 25
S 26	19 53 39	26°46'10	26°17	9° 5	6°37	16°53	29° 1	16°28	21°30	24°33	7° 2	14°29	15°19	19°27	n.a.	S 26
S 27	19 57 36	27°44'09	10♌12	8°23	7°47	17°31	29° 7	16°25	21°29	24°34	7° 3	14°D28	15°16	19°34	n.a.	S 27
M28	20 1 32	28°42'09	23°47	7°37	8°57	18° 9	29°12	16°22	21°27	24°34	7° 3	14°28	15°13	19°41	n.a.	M28
T 29	20 5 29	29°40'11	7♍ 0	6°46	10° 7	18°46	29°17	16°20	21°26	24°35	7° 3	14°29	15°10	19°47	n.a.	T 29
W30	20 9 25	0♌38'14	19°52	5°53	11°17	19°25	29°22	16°17	21°25	24°35	7° 4	14°30	15° 7	19°54	n.a.	W30
T 31	20 13 22	1♌36'19	2♎25	4♌57	12♍26	20♎ 3	29♈27	16♐15	21♓24	24♎36	7♉ 4	14♒31	15♒ 3	20♏ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n43	10n48	1s14	20n14	0s14	20n15	1n35	1s33	0s40	9n 2	1s11	22s31	0n40	4s 1	0s45	7s47	1n59	2n44	11s52	16s29	16s 3	21s56		n.a.
W 2	23 41	5 2	2 20	19 50	0 25	19 55	1 34	1 47	0 41	9 5	1 11	22 31	0 40	4 1	0 45	7 47	1 59	2 44	11 52	16 28	16 4	21 58		n.a.
T 3	23 39	0s45	3 16	19 25	0 35	19 34	1 32	2 1	0 42	9 8	1 12	22 30	0 40	4 1	0 45	7 47	1 59	2 44	11 52	16 28	16 5	22 0		n.a.
F 4	23 37	6 23	4 3	19 0	0 46	19 13	1 31	2 16	0 44	9 11	1 12	22 30	0 40	4 1	0 45	7 47	1 58	2 45	11 52	16 28	16 5	22 2		n.a.
S 5	23 34	11 41	4 38	18 36	0 57	18 52	1 29	2 30	0 45	9 14	1 12	22 30	0 40	4 1	0 45	7 47	1 58	2 45	11 52	16 28	16 6	22 4		n.a.
S 6	23 31	16 30	5 0	18 11	1 9	18 30	1 28	2 44	0 46	9 17	1 12	22 30	0 40	4 1	0 45	7 47	1 58	2 45	11 52	16 29	16 7	22 6		n.a.
M 7	23 28	20 41	5 10	17 47	1 20	18 7	1 26	2 59	0 47	9 20	1 12	22 29	0 40	4 1	0 45	7 47	1 58	2 45	11 53	16 30	16 8	22 8		n.a.
T 8	23 24	24 2	5 6	17 23	1 32	17 44	1 24	3 13	0 48	9 23	1 12	22 29	0 40	4 1	0 45	7 47	1 58	2 45	11 53	16 31	16 9	22 10		n.a.
W 9	23 19	26 23	4 49	17 0	1 43	17 21	1 22	3 28	0 49	9 26	1 12	22 29	0 39	4 2	0 45	7 47	1 58	2 45	11 53	16 33	16 10	22 12		n.a.
T 10	23 15	27 32	4 19	16 38	1 55	16 57	1 20	3 43	0 50	9 29	1 13	22 29	0 39	4 2	0 45	7 47	1 58	2 45	11 53	16 35	16 11	22 14		n.a.
F 11	23 9	27 21	3 37	16 16	2 7	16 33	1 18	3 57	0 52	9 32	1 13	22 28	0 39	4 2	0 45	7 47	1 58	2 45	11 53	16 37	16 12	22 16		n.a.
S 12	23 4	25 48	2 44	15 55	2 19	16 8	1 16	4 12	0 53	9 34	1 13	22 28	0 39	4 2	0 46	7 47	1 58	2 45	11 54	16 38	16 13	22 18		n.a.
S 13	22 58	22 56	1 42	15 35	2 31	15 43	1 14	4 27	0 54	9 37	1 13	22 28	0 39	4 2	0 46	7 47	1 58	2 45	11 54	16 39	16 14	22 20		n.a.
M14	22 51	18 55	0 34	15 16	2 43	15 17	1 11	4 42	0 55	9 39	1 13	22 28	0 39	4 3	0 46	7 47	1 58	2 45	11 54	16 39	16 15	22 22		n.a.
T 15	22 45	13 56	0n37	14 59	2 54	14 52	1 9	4 57	0 56	9 42	1 13	22 27	0 39	4 3	0 46	7 47	1 58	2 45	11 54	16 39	16 16	22 24		n.a.
W16	22 37	8 15	1 48	14 43	3 6	14 25	1 6	5 12	0 57	9 44	1 13	22 27	0 39	4 3	0 46	7 47	1 58	2 45	11 54	16 39	16 17	22 26		n.a.
T 17	22 30	2 7	2 53	14 28	3 17	13 59	1 4	5 27	0 58	9 47	1 14	22 27	0 39	4 3	0 46	7 48	1 58	2 45	11 55	16 38	16 18	22 28		n.a.
F 18	22 22	4n13	3 50	14 16	3 28	13 32	1 1	5 42	0 59	9 49	1 14	22 27	0 38	4 4	0 46	7 48	1 58	2 45	11 55	16 38	16 19	22 29		n.a.
S 19	22 13	10 27	4 35	14 5	3 38	13 5	0 58	5 57	1 0	9 51	1 14	22 26	0 38	4 4	0 46	7 48	1 57	2 45	11 55	16 38	16 20	22 31		n.a.
S 20	22 5	16 15	5 4	13 56	3 48	12 37	0 56	6 12	1 0	9 54	1 14	22 26	0 38	4 4	0 46	7 48	1 57	2 45	11 55	16 38	16 21	22 33		n.a.
M21	21 55	21 15	5 14	13 50	3 57	12 9	0 53	6 27	1 1	9 56	1 14	22 26	0 38	4 5	0 46	7 48	1 57	2 45	11 55	16 38	16 22	22 35		n.a.
T 22	21 46	25 2	5 5	13 45	4 5	11 41	0 50	6 43	1 2	9 58	1 14	22 26	0 38	4 5	0 46	7 48	1 57	2 45	11 56	16 39	16 23	22 37		n.a.
W23	21 36	27 13	4 36	13 44	4 13	11 13	0 47	6 58	1 3	10 0	1 15	22 26	0 38	4 6	0 46	7 48	1 57	2 45	11 56	16 40	16 24	22 39		n.a.
T 24	21 26	27 33	3 50	13 45	4 19	10 44	0 44	7 13	1 4	10 2	1 15	22 26	0 38	4 6	0 46	7 49	1 57	2 45	11 56	16 40	16 25	22 41		n.a.
F 25	21 15	25 59	2 49	13 48	4 24	10 15	0 40	7 28	1 5	10 4	1 15	22 25	0 38	4 6	0 46	7 49	1 57	2 45	11 56	16 41	16 26	22 43		n.a.
S 26	21 4	22 46	1 39	13 54	4 28	9 46	0 37	7 44	1 6	10 6	1 15	22 25	0 37	4 7	0 46	7 49	1 57	2 44	11 56	16 42	16 27	22 44		n.a.
S 27	20 52	18 17	0 23	14 3	4 30	9 16	0 34	7 59	1 7	10 8	1 15	22 25	0 37	4 7	0 46	7 49	1 57	2 44	11 57	16 42	16 27	22 46		n.a.
M28	20 41	12 57	0s51	14 15	4 30	8 47	0 30	8 14	1 7	10 9	1 15	22 25	0 37	4 8	0 46	7 50	1 57	2 44	11 57	16 42	16 28	22 48		n.a.
T 29	20 28	7 10	2 1	14 29	4 29	8 17	0 27	8 30	1 8	10 11	1 15	22 25	0 37	4 8	0 46	7 50	1 57	2 44	11 57	16 41	16 29	22 50		n.a.
W30	20 16	1 15	3 3	14 45	4 25	7 47	0 23	8 45	1 9	10 13	1 16	22 25	0 37	4 9	0 46	7 50	1 57	2 44	11 57	16 41	16 30	22 52		n.a.
T 31	20n 3	4s33	3s55	15n 4	4s20	7n17	0n20	9s 0	1s10	10n14	1s16	22s25	0n37	4s 9	0s46	7s50	1n57	2n44	11s58	16s41	16s31	22s54		n.a.

Julian Day Number = 1598149.5, Delta T = 04h00m52s
Ecliptic obliquity = 23°44'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'55, Lahiri = - 8°36'54 Julian Calendar 1 July 338 BCE == Greg. Calendar 26 June 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

AUGUST 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 17 18	2♌34'26	14♎41	4°R 0	13♍36	20♎41	29♈32	16°R12	21°R22	24♎37	7♉ 4	14♒32	15♒ 0	20♏ 8	n.a.	F 1
S 2	20 21 15	3°32'34	26°45	3♌ 4	14°45	21°20	29°36	16♐10	21♓21	24°37	7° 4	14°33	14°57	20°14	n.a.	S 2
S 3	20 25 11	4°30'44	8♏41	2° 8	15°55	21°58	29°41	16° 8	21°20	24°38	7° 5	14°R33	14°54	20°21	n.a.	S 3
M 4	20 29 8	5°28'55	20°35	1°15	17° 4	22°37	29°45	16° 6	21°18	24°39	7° 5	14°32	14°51	20°28	n.a.	M 4
T 5	20 33 5	6°27'08	2♐29	0°26	18°13	23°16	29°49	16° 4	21°17	24°39	7° 5	14°32	14°47	20°34	n.a.	T 5
W 6	20 37 1	7°25'23	14°30	29♋41	19°22	23°55	29°52	16° 2	21°15	24°40	7° 5	14°31	14°44	20°41	n.a.	W 6
T 7	20 40 58	8°23'39	26°39	29° 3	20°31	24°34	29°56	16° 0	21°13	24°41	7° 5	14°30	14°41	20°48	n.a.	T 7
F 8	20 44 54	9°21'57	9♑ 1	28°32	21°40	25°14	29°59	15°58	21°12	24°42	7° 5	14°29	14°38	20°55	n.a.	F 8
S 9	20 48 51	10°20'17	21°38	28° 8	22°49	25°53	0♉ 2	15°56	21°10	24°43	7° 5	14°29	14°35	21° 1	n.a.	S 9
S 10	20 52 47	11°18'38	4♒30	27°53	23°58	26°33	0° 5	15°55	21° 9	24°44	7° 6	14°28	14°32	21° 8	n.a.	S 10
M11	20 56 44	12°17'02	17°38	27°D46	25° 6	27°13	0° 8	15°53	21° 7	24°45	7° 6	14°D28	14°28	21°15	n.a.	M11
T 12	21 0 40	13°15'28	1♓ 2	27°49	26°15	27°53	0°11	15°52	21° 5	24°46	7°R 6	14°28	14°25	21°22	n.a.	T 12
W13	21 4 37	14°13'55	14°40	28° 0	27°23	28°33	0°13	15°51	21° 3	24°47	7° 6	14°R29	14°22	21°28	n.a.	W13
T 14	21 8 34	15°12'25	28°29	28°21	28°31	29°13	0°16	15°49	21° 1	24°48	7° 6	14°29	14°19	21°35	n.a.	T 14
F 15	21 12 30	16°10'57	12♈28	28°51	29°39	29°53	0°18	15°48	21° 0	24°49	7° 6	14°28	14°16	21°42	n.a.	F 15
S 16	21 16 27	17° 9'31	26°35	29°30	0♎47	0♏34	0°19	15°47	20°58	24°50	7° 5	14°28	14°13	21°48	n.a.	S 16
S 17	21 20 23	18° 8'07	10♉46	0♌17	1°55	1°14	0°21	15°46	20°56	24°51	7° 5	14°28	14° 9	21°55	n.a.	S 17
M18	21 24 20	19° 6'46	24°59	1°13	3° 3	1°55	0°23	15°45	20°54	24°52	7° 5	14°D28	14° 6	22° 2	n.a.	M18
T 19	21 28 16	20° 5'28	9♊12	2°15	4°11	2°36	0°24	15°45	20°52	24°53	7° 5	14°28	14° 3	22° 9	n.a.	T 19
W20	21 32 13	21° 4'12	23°23	3°25	5°18	3°17	0°25	15°44	20°50	24°54	7° 5	14°29	14° 0	22°15	n.a.	W20
T 21	21 36 9	22° 2'58	7♋28	4°41	6°26	3°58	0°26	15°43	20°48	24°56	7° 5	14°29	13°57	22°22	n.a.	T 21
F 22	21 40 6	23° 1'47	21°25	6° 2	7°33	4°39	0°27	15°43	20°46	24°57	7° 5	14°30	13°53	22°29	n.a.	F 22
S 23	21 44 2	24° 0'37	5♌11	7°28	8°40	5°21	0°27	15°43	20°44	24°58	7° 4	14°31	13°50	22°36	n.a.	S 23
S 24	21 47 59	24°59'30	18°44	8°59	9°47	6° 2	0°27	15°42	20°42	25° 0	7° 4	14°R31	13°47	22°42	n.a.	S 24
M25	21 51 56	25°58'25	2♍ 2	10°34	10°54	6°44	0°R27	15°42	20°39	25° 1	7° 4	14°30	13°44	22°49	n.a.	M25
T 26	21 55 52	26°57'22	15° 4	12°11	12° 1	7°26	0°27	15°D42	20°37	25° 2	7° 4	14°29	13°41	22°56	n.a.	T 26
W27	21 59 49	27°56'21	27°49	13°52	13° 7	8° 7	0°27	15°42	20°35	25° 4	7° 3	14°27	13°38	23° 2	n.a.	W27
T 28	22 3 45	28°55'22	10♎19	15°34	14°14	8°49	0°26	15°42	20°33	25° 5	7° 3	14°25	13°34	23° 9	n.a.	T 28
F 29	22 7 42	29°54'25	22°34	17°18	15°20	9°31	0°26	15°43	20°31	25° 7	7° 3	14°23	13°31	23°16	n.a.	F 29
S 30	22 11 38	0♍53'30	4♏38	19° 4	16°26	10°14	0°25	15°43	20°28	25° 8	7° 2	14°21	13°28	23°23	n.a.	S 30
S 31	22 15 35	1♍52'37	16♏34	20♌50	17♎32	10♏56	0♉24	15♐43	20♓26	25♎ 9	7♉ 2	14♒20	13♒25	23♏29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n50	10s 4	4s35	15n24	4s13	6n46	0n16	9s16	1s11	10n16	1s16	22s24	0n37	4s10	0s46	7s51	1n57	2n44	11s58	16s41	16s32	22s55		n.a.
S 2	19 36	15 6	5 1	15 46	4 3	6 16	0 12	9 31	1 11	10 17	1 16	22 24	0 36	4 11	0 46	7 51	1 57	2 44	11 58	16 40	16 33	22 57		n.a.
S 3	19 22	19 32	5 15	16 9	3 52	5 45	0 9	9 46	1 12	10 18	1 16	22 24	0 36	4 11	0 46	7 51	1 56	2 44	11 58	16 40	16 34	22 59		n.a.
M 4	19 8	23 10	5 15	16 34	3 40	5 14	0 5	10 2	1 13	10 20	1 17	22 24	0 36	4 12	0 46	7 52	1 56	2 43	11 58	16 40	16 35	23 1		n.a.
T 5	18 54	25 50	5 1	16 58	3 25	4 44	0 1	10 17	1 14	10 21	1 17	22 24	0 36	4 12	0 46	7 52	1 56	2 43	11 59	16 41	16 36	23 2		n.a.
W 6	18 39	27 22	4 34	17 23	3 10	4 13	0s 3	10 32	1 14	10 22	1 17	22 24	0 36	4 13	0 46	7 52	1 56	2 43	11 59	16 41	16 37	23 4		n.a.
T 7	18 23	27 36	3 55	17 47	2 53	3 41	0 7	10 48	1 15	10 23	1 17	22 24	0 36	4 14	0 46	7 53	1 56	2 43	11 59	16 41	16 38	23 6		n.a.
F 8	18 8	26 29	3 4	18 11	2 35	3 10	0 11	11 3	1 16	10 24	1 17	22 24	0 36	4 14	0 46	7 53	1 56	2 43	11 59	16 41	16 39	23 8		n.a.
S 9	17 52	24 0	2 3	18 34	2 17	2 39	0 15	11 18	1 16	10 25	1 17	22 24	0 36	4 15	0 46	7 53	1 56	2 43	12 0	16 42	16 40	23 10		n.a.
S 10	17 36	20 16	0 55	18 55	1 58	2 8	0 20	11 33	1 17	10 26	1 18	22 24	0 35	4 16	0 46	7 54	1 56	2 42	12 0	16 42	16 41	23 11		n.a.
M11	17 20	15 28	0n18	19 15	1 39	1 36	0 24	11 49	1 18	10 27	1 18	22 24	0 35	4 16	0 46	7 54	1 56	2 42	12 0	16 42	16 42	23 13		n.a.
T 12	17 3	9 50	1 31	19 32	1 21	1 5	0 28	12 4	1 18	10 28	1 18	22 24	0 35	4 17	0 46	7 55	1 56	2 42	12 0	16 42	16 43	23 15		n.a.
W13	16 46	3 40	2 40	19 48	1 2	0 34	0 32	12 19	1 19	10 28	1 18	22 24	0 35	4 18	0 46	7 55	1 56	2 42	12 0	16 42	16 43	23 16		n.a.
T 14	16 29	2n45	3 40	20 1	0 44	0 2	0 37	12 34	1 19	10 29	1 18	22 24	0 35	4 19	0 46	7 56	1 56	2 42	12 1	16 42	16 44	23 18		n.a.
F 15	16 11	9 6	4 29	20 12	0 27	0s29	0 41	12 49	1 20	10 30	1 18	22 24	0 35	4 19	0 46	7 56	1 56	2 41	12 1	16 42	16 45	23 20		n.a.
S 16	15 53	15 3	5 2	20 20	0 11	1 1	0 45	13 4	1 20	10 30	1 19	22 24	0 35	4 20	0 46	7 56	1 56	2 41	12 1	16 42	16 46	23 22		n.a.
S 17	15 35	20 14	5 16	20 25	0n 5	1 32	0 50	13 19	1 21	10 31	1 19	22 24	0 34	4 21	0 47	7 57	1 56	2 41	12 1	16 42	16 47	23 23		n.a.
M18	15 17	24 17	5 11	20 28	0 20	2 4	0 54	13 34	1 22	10 31	1 19	22 24	0 34	4 22	0 47	7 57	1 56	2 41	12 1	16 42	16 48	23 25		n.a.
T 19	14 58	26 51	4 48	20 27	0 33	2 35	0 59	13 49	1 22	10 31	1 19	22 24	0 34	4 23	0 47	7 58	1 55	2 40	12 2	16 42	16 49	23 27		n.a.
W20	14 39	27 41	4 7	20 23	0 46	3 6	1 3	14 3	1 23	10 31	1 19	22 24	0 34	4 23	0 47	7 58	1 55	2 40	12 2	16 42	16 50	23 28		n.a.
T 21	14 20	26 42	3 11	20 15	0 57	3 37	1 8	14 18	1 23	10 32	1 19	22 24	0 34	4 24	0 47	7 59	1 55	2 40	12 2	16 41	16 51	23 30		n.a.
F 22	14 1	24 3	2 4	20 5	1 7	4 9	1 13	14 33	1 24	10 32	1 20	22 24	0 34	4 25	0 47	7 59	1 55	2 40	12 2	16 41	16 52	23 32		n.a.
S 23	13 41	20 2	0 51	19 52	1 17	4 40	1 17	14 47	1 24	10 32	1 20	22 24	0 34	4 26	0 47	8 0	1 55	2 39	12 3	16 41	16 53	23 33		n.a.
S 24	13 21	15 2	0s23	19 36	1 25	5 11	1 22	15 2	1 25	10 32	1 20	22 24	0 33	4 27	0 47	8 1	1 55	2 39	12 3	16 41	16 54	23 35		n.a.
M25	13 1	9 24	1 35	19 16	1 31	5 41	1 27	15 16	1 25	10 31	1 20	22 24	0 33	4 28	0 47	8 1	1 55	2 39	12 3	16 41	16 55	23 37		n.a.
T 26	12 41	3 29	2 41	18 55	1 37	6 12	1 31	15 30	1 25	10 31	1 20	22 25	0 33	4 28	0 47	8 2	1 55	2 39	12 3	16 41	16 56	23 38		n.a.
W27	12 20	2s26	3 37	18 30	1 42	6 43	1 36	15 45	1 26	10 31	1 20	22 25	0 33	4 29	0 47	8 2	1 55	2 38	12 3	16 42	16 56	23 40		n.a.
T 28	12 0	8 8	4 21	18 3	1 46	7 13	1 41	15 59	1 26	10 31	1 21	22 25	0 33	4 30	0 47	8 3	1 55	2 38	12 4	16 43	16 57	23 42		n.a.
F 29	11 39	13 24	4 53	17 34	1 49	7 44	1 45	16 13	1 27	10 30	1 21	22 25	0 33	4 31	0 47	8 3	1 55	2 38	12 4	16 43	16 58	23 43		n.a.
S 30	11 18	18 5	5 11	17 3	1 51	8 14	1 50	16 27	1 27	10 30	1 21	22 25	0 33	4 32	0 47	8 4	1 55	2 37	12 4	16 44	16 59	23 45		n.a.
S 31	10n56	22s 1	5s15	16n30	1n52	8s44	1s55	16s41	1s28	10n29	1s21	22s25	0n33	4s33	0s47	8s 5	1n55	2n37	12s 4	16s44	17s 0	23s46		n.a.

Julian Day Number = 1598180.5, Delta T = 04h00m51s
Ecliptic obliquity = 23°44'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'51, Lahiri = - 8°36'50 Julian Calendar 1 Aug. 338 BCE == Greg. Calendar 27 July 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

SEPTEMBER 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 19 31	2♍51'46	28♏27	22♌37	18♎38	11♏38	0°R22	15♐44	20°R24	25♎11	7°R 2	14°D19	13♒22	23♏36	n.a.	M 1
T 2	22 23 28	3°50'57	10♐21	24°25	19°43	12°21	0♉21	15°45	20♓22	25°13	7♉ 1	14♒19	13°18	23°43	n.a.	T 2
W 3	22 27 25	4°50'09	22°21	26°13	20°49	13° 3	0°19	15°45	20°19	25°14	7° 1	14°20	13°15	23°49	n.a.	W 3
T 4	22 31 21	5°49'24	4♑31	28° 0	21°54	13°46	0°17	15°46	20°17	25°16	7° 0	14°21	13°12	23°56	n.a.	T 4
F 5	22 35 18	6°48'41	16°55	29°48	22°59	14°29	0°15	15°47	20°15	25°17	7° 0	14°23	13° 9	24° 3	n.a.	F 5
S 6	22 39 14	7°47'59	29°39	1♍35	24° 3	15°12	0°13	15°48	20°12	25°19	6°59	14°24	13° 6	24°10	n.a.	S 6
S 7	22 43 11	8°47'19	12♒42	3°22	25° 8	15°55	0°10	15°49	20°10	25°21	6°59	14°R25	13° 3	24°16	n.a.	S 7
M 8	22 47 7	9°46'42	26° 8	5° 9	26°12	16°38	0° 7	15°51	20° 7	25°22	6°58	14°24	12°59	24°23	n.a.	M 8
T 9	22 51 4	10°46'06	9♓55	6°55	27°16	17°21	0° 4	15°52	20° 5	25°24	6°58	14°23	12°56	24°30	n.a.	T 9
W10	22 55 0	11°45'33	24° 0	8°40	28°20	18° 4	0° 1	15°53	20° 3	25°26	6°57	14°20	12°53	24°37	n.a.	W10
T 11	22 58 57	12°45'01	8♈19	10°25	29°23	18°47	29♈58	15°55	20° 0	25°28	6°56	14°16	12°50	24°43	n.a.	T 11
F 12	23 2 53	13°44'32	22°46	12° 9	0♏27	19°31	29°54	15°56	19°58	25°29	6°56	14°11	12°47	24°50	n.a.	F 12
S 13	23 6 50	14°44'06	7♉16	13°53	1°30	20°14	29°51	15°58	19°55	25°31	6°55	14° 7	12°44	24°57	n.a.	S 13
S 14	23 10 47	15°43'41	21°42	15°35	2°32	20°58	29°47	16° 0	19°53	25°33	6°55	14° 4	12°40	25° 3	n.a.	S 14
M15	23 14 43	16°43'20	6♊ 2	17°18	3°35	21°41	29°43	16° 2	19°50	25°35	6°54	14° 2	12°37	25°10	n.a.	M15
T 16	23 18 40	17°43'00	20°11	18°59	4°37	22°25	29°39	16° 4	19°48	25°37	6°53	14°D 2	12°34	25°17	n.a.	T 16
W17	23 22 36	18°42'44	4♋ 8	20°40	5°39	23° 9	29°34	16° 6	19°46	25°39	6°53	14° 2	12°31	25°24	n.a.	W17
T 18	23 26 33	19°42'29	17°53	22°20	6°41	23°53	29°30	16° 8	19°43	25°40	6°52	14° 4	12°28	25°30	n.a.	T 18
F 19	23 30 29	20°42'17	1♌25	24° 0	7°42	24°37	29°25	16°11	19°41	25°42	6°51	14° 5	12°24	25°37	n.a.	F 19
S 20	23 34 26	21°42'07	14°45	25°39	8°43	25°21	29°20	16°13	19°38	25°44	6°50	14°R 6	12°21	25°44	n.a.	S 20
S 21	23 38 22	22°42'00	27°53	27°17	9°43	26° 5	29°15	16°15	19°36	25°46	6°50	14° 5	12°18	25°50	n.a.	S 21
M22	23 42 19	23°41'54	10♍50	28°54	10°44	26°49	29° 9	16°18	19°33	25°48	6°49	14° 2	12°15	25°57	n.a.	M22
T 23	23 46 16	24°41'51	23°34	0♎32	11°43	27°34	29° 4	16°21	19°31	25°50	6°48	13°57	12°12	26° 4	n.a.	T 23
W24	23 50 12	25°41'49	6♎ 7	2° 8	12°43	28°18	28°58	16°23	19°28	25°52	6°47	13°50	12° 9	26°11	n.a.	W24
T 25	23 54 9	26°41'50	18°28	3°44	13°42	29° 3	28°53	16°26	19°26	25°54	6°46	13°42	12° 5	26°17	n.a.	T 25
F 26	23 58 5	27°41'53	0♏39	5°20	14°41	29°47	28°47	16°29	19°24	25°56	6°45	13°34	12° 2	26°24	n.a.	F 26
S 27	0 2 2	28°41'57	12°40	6°54	15°39	0♐32	28°41	16°32	19°21	25°58	6°45	13°26	11°59	26°31	n.a.	S 27
S 28	0 5 58	29°42'03	24°34	8°29	16°37	1°16	28°34	16°35	19°19	26° 0	6°44	13°19	11°56	26°37	n.a.	S 28
M29	0 9 55	0♎42'11	6♐25	10° 3	17°34	2° 1	28°28	16°39	19°16	26° 2	6°43	13°14	11°53	26°44	n.a.	M29
T 30	0 13 51	1♎42'21	18♐17	11♎36	18♏31	2♐46	28♈21	16♐42	19♓14	26♎ 5	6♉42	13♒10	11♒50	26♏51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n35	25s 1	5s 6	15n55	1n53	9s13	1s59	16s54	1s28	10n29	1s21	22s26	0n32	4s34	0s47	8s 5	1n55	2n37	12s 4	16s44	17s 1	23s48		n.a.
T 2	10 13	26 57	4 43	15 19	1 53	9 43	2 4	17 8	1 28	10 28	1 21	22 26	0 32	4 35	0 47	8 6	1 55	2 36	12 5	16 44	17 2	23 50		n.a.
W 3	9 51	27 39	4 9	14 41	1 52	10 12	2 9	17 21	1 29	10 27	1 22	22 26	0 32	4 36	0 47	8 6	1 55	2 36	12 5	16 44	17 3	23 51		n.a.
T 4	9 29	27 2	3 22	14 2	1 50	10 42	2 14	17 35	1 29	10 26	1 22	22 26	0 32	4 37	0 47	8 7	1 55	2 36	12 5	16 44	17 4	23 53		n.a.
F 5	9 7	25 3	2 25	13 22	1 48	11 10	2 18	17 48	1 29	10 25	1 22	22 26	0 32	4 38	0 47	8 8	1 55	2 35	12 5	16 43	17 5	23 54		n.a.
S 6	8 45	21 47	1 20	12 41	1 46	11 39	2 23	18 1	1 30	10 24	1 22	22 27	0 32	4 39	0 47	8 8	1 54	2 35	12 5	16 43	17 6	23 56		n.a.
S 7	8 22	17 21	0 9	11 59	1 43	12 8	2 27	18 14	1 30	10 23	1 22	22 27	0 32	4 40	0 47	8 9	1 54	2 35	12 6	16 43	17 7	23 57		n.a.
M 8	8 0	11 58	1n 4	11 17	1 39	12 36	2 32	18 27	1 30	10 22	1 22	22 27	0 31	4 40	0 47	8 10	1 54	2 34	12 6	16 43	17 7	23 59		n.a.
T 9	7 37	5 52	2 15	10 34	1 36	13 3	2 37	18 40	1 30	10 21	1 22	22 28	0 31	4 41	0 47	8 10	1 54	2 34	12 6	16 43	17 8	24 1		n.a.
W10	7 14	0n38	3 20	9 50	1 31	13 31	2 41	18 53	1 31	10 20	1 23	22 28	0 31	4 42	0 47	8 11	1 54	2 34	12 6	16 44	17 9	24 2		n.a.
T 11	6 51	7 12	4 13	9 6	1 27	13 58	2 46	19 5	1 31	10 19	1 23	22 28	0 31	4 43	0 47	8 12	1 54	2 33	12 6	16 45	17 10	24 4		n.a.
F 12	6 28	13 27	4 51	8 21	1 22	14 25	2 50	19 17	1 31	10 17	1 23	22 28	0 31	4 44	0 47	8 12	1 54	2 33	12 6	16 47	17 11	24 5		n.a.
S 13	6 5	18 58	5 10	7 36	1 17	14 52	2 55	19 30	1 31	10 16	1 23	22 29	0 31	4 45	0 47	8 13	1 54	2 33	12 7	16 48	17 12	24 7		n.a.
S 14	5 42	23 23	5 9	6 51	1 12	15 18	2 59	19 42	1 32	10 14	1 23	22 29	0 31	4 46	0 47	8 14	1 54	2 32	12 7	16 49	17 13	24 8		n.a.
M15	5 18	26 20	4 49	6 6	1 6	15 44	3 3	19 53	1 32	10 13	1 23	22 29	0 31	4 47	0 47	8 14	1 54	2 32	12 7	16 49	17 14	24 10		n.a.
T 16	4 55	27 34	4 12	5 20	1 1	16 10	3 8	20 5	1 32	10 11	1 23	22 30	0 30	4 48	0 47	8 15	1 54	2 32	12 7	16 49	17 15	24 11		n.a.
W17	4 31	27 1	3 21	4 35	0 55	16 35	3 12	20 17	1 32	10 10	1 23	22 30	0 30	4 49	0 47	8 16	1 54	2 31	12 7	16 49	17 16	24 13		n.a.
T 18	4 7	24 48	2 18	3 49	0 49	17 0	3 16	20 28	1 32	10 8	1 23	22 30	0 30	4 50	0 47	8 17	1 54	2 31	12 7	16 49	17 17	24 14		n.a.
F 19	3 44	21 12	1 9	3 4	0 43	17 24	3 20	20 39	1 33	10 6	1 24	22 31	0 30	4 51	0 47	8 17	1 54	2 30	12 8	16 48	17 17	24 16		n.a.
S 20	3 20	16 33	0s 4	2 18	0 36	17 48	3 24	20 50	1 33	10 4	1 24	22 31	0 30	4 52	0 47	8 18	1 54	2 30	12 8	16 48	17 18	24 17		n.a.
S 21	2 56	11 12	1 14	1 33	0 30	18 12	3 28	21 1	1 33	10 2	1 24	22 32	0 30	4 53	0 47	8 19	1 54	2 30	12 8	16 48	17 19	24 19		n.a.
M22	2 32	5 27	2 20	0 48	0 23	18 35	3 32	21 12	1 33	10 0	1 24	22 32	0 30	4 54	0 47	8 20	1 54	2 29	12 8	16 49	17 20	24 20		n.a.
T 23	2 8	0s26	3 17	0 3	0 17	18 58	3 36	21 22	1 33	9 58	1 24	22 32	0 29	4 55	0 47	8 20	1 54	2 29	12 8	16 51	17 21	24 21		n.a.
W24	1 44	6 11	4 4	0s42	0 10	19 20	3 40	21 33	1 33	9 56	1 24	22 33	0 29	4 56	0 47	8 21	1 54	2 28	12 8	16 53	17 22	24 23		n.a.
T 25	1 20	11 37	4 39	1 27	0 4	19 42	3 44	21 43	1 33	9 54	1 24	22 33	0 29	4 57	0 47	8 22	1 54	2 28	12 8	16 55	17 23	24 24		n.a.
F 26	0 56	16 31	5 0	2 11	0s 3	20 3	3 47	21 53	1 33	9 52	1 24	22 34	0 29	4 58	0 47	8 23	1 54	2 28	12 9	16 58	17 24	24 26		n.a.
S 27	0 31	20 42	5 8	2 55	0 10	20 24	3 51	22 2	1 34	9 50	1 24	22 34	0 29	4 59	0 47	8 23	1 54	2 27	12 9	17 0	17 25	24 27		n.a.
S 28	0 7	24 1	5 2	3 39	0 16	20 45	3 54	22 12	1 34	9 47	1 24	22 34	0 29	5 0	0 47	8 24	1 54	2 27	12 9	17 2	17 26	24 29		n.a.
M29	0s17	26 18	4 43	4 23	0 23	21 5	3 58	22 21	1 34	9 45	1 24	22 35	0 29	5 1	0 47	8 25	1 54	2 27	12 9	17 3	17 26	24 30		n.a.
T 30	0s41	27s24	4s12	5s 6	0s30	21s24	4s 1	22s30	1s34	9n43	1s24	22s35	0n29	5s 2	0s47	8s26	1n54	2n26	12s 9	17s 4	17s27	24s31		n.a.

Julian Day Number = 1598211.5, Delta T = 04h00m50s
Ecliptic obliquity = 23°44'17, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'46, Lahiri = - 8°36'46 Julian Calendar 1 Sept. 338 BCE == Greg. Calendar 27 Aug. 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

OCTOBER 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 17 48	2♎42'33	0♉13	13♎ 9	19♏28	3♐31	28°R15	16♐45	19°R12	26♎ 7	6°R41	13°D 9	11♒46	26♏58	n.a.	W 1
T 2	0 21 45	3°42'46	12°20	14°42	20°24	4°16	28♈ 8	16°49	19♓ 9	26° 9	6♉40	13♒10	11°43	27° 4	n.a.	T 2
F 3	0 25 41	4°43'01	24°41	16°14	21°19	5° 1	28° 1	16°52	19° 7	26°11	6°39	13°11	11°40	27°11	n.a.	F 3
S 4	0 29 38	5°43'17	7♒23	17°45	22°14	5°46	27°54	16°56	19° 5	26°13	6°38	13°R12	11°37	27°18	n.a.	S 4
S 5	0 33 34	6°43'35	20°29	19°17	23° 8	6°31	27°47	17° 0	19° 2	26°15	6°37	13°12	11°34	27°25	n.a.	S 5
M 6	0 37 31	7°43'55	4♓ 2	20°47	24° 2	7°16	27°40	17° 4	19° 0	26°17	6°36	13°10	11°30	27°31	n.a.	M 6
T 7	0 41 27	8°44'16	18° 2	22°18	24°55	8° 1	27°33	17° 7	18°58	26°19	6°35	13° 5	11°27	27°38	n.a.	T 7
W 8	0 45 24	9°44'39	2♈27	23°48	25°47	8°46	27°25	17°11	18°56	26°22	6°34	12°58	11°24	27°45	n.a.	W 8
T 9	0 49 20	10°45'03	17°11	25°17	26°39	9°32	27°18	17°15	18°53	26°24	6°33	12°50	11°21	27°51	n.a.	T 9
F 10	0 53 17	11°45'29	2♉ 6	26°46	27°30	10°17	27°10	17°20	18°51	26°26	6°32	12°40	11°18	27°58	n.a.	F 10
S 11	0 57 13	12°45'58	17° 4	28°15	28°20	11° 3	27° 2	17°24	18°49	26°28	6°31	12°31	11°15	28° 5	n.a.	S 11
S 12	1 1 10	13°46'28	1♊55	29°43	29° 9	11°48	26°55	17°28	18°47	26°30	6°30	12°24	11°11	28°12	n.a.	S 12
M13	1 5 7	14°47'00	16°31	1♏11	29°58	12°33	26°47	17°33	18°45	26°33	6°29	12°18	11° 8	28°18	n.a.	M13
T 14	1 9 3	15°47'34	0♋49	2°38	0♐46	13°19	26°39	17°37	18°43	26°35	6°28	12°15	11° 5	28°25	n.a.	T 14
W15	1 13 0	16°48'11	14°47	4° 4	1°32	14° 5	26°31	17°41	18°41	26°37	6°27	12°D14	11° 2	28°32	n.a.	W15
T 16	1 16 56	17°48'49	28°24	5°30	2°19	14°50	26°23	17°46	18°38	26°39	6°26	12°14	10°59	28°38	n.a.	T 16
F 17	1 20 53	18°49'28	11♌42	6°55	3° 4	15°36	26°15	17°51	18°36	26°42	6°25	12°R14	10°55	28°45	n.a.	F 17
S 18	1 24 49	19°50'10	24°44	8°20	3°48	16°22	26° 7	17°55	18°34	26°44	6°24	12°14	10°52	28°52	n.a.	S 18
S 19	1 28 46	20°50'53	7♍33	9°44	4°31	17° 7	25°59	18° 0	18°32	26°46	6°23	12°11	10°49	28°59	n.a.	S 19
M20	1 32 42	21°51'38	20° 9	11° 6	5°13	17°53	25°50	18° 5	18°31	26°48	6°22	12° 5	10°46	29° 5	n.a.	M20
T 21	1 36 39	22°52'25	2♎36	12°28	5°54	18°39	25°42	18°10	18°29	26°51	6°21	11°57	10°43	29°12	n.a.	T 21
W22	1 40 36	23°53'13	14°54	13°49	6°34	19°25	25°34	18°15	18°27	26°53	6°19	11°45	10°40	29°19	n.a.	W22
T 23	1 44 32	24°54'03	27° 5	15° 8	7°13	20°11	25°26	18°20	18°25	26°55	6°18	11°32	10°36	29°25	n.a.	T 23
F 24	1 48 29	25°54'54	9♏ 8	16°25	7°50	20°57	25°18	18°25	18°23	26°57	6°17	11°17	10°33	29°32	n.a.	F 24
S 25	1 52 25	26°55'46	21° 4	17°41	8°26	21°43	25°10	18°31	18°21	27° 0	6°16	11° 3	10°30	29°39	n.a.	S 25
S 26	1 56 22	27°56'40	2♐56	18°55	9° 1	22°29	25° 1	18°36	18°20	27° 2	6°15	10°51	10°27	29°46	n.a.	S 26
M27	2 0 18	28°57'35	14°46	20° 7	9°34	23°15	24°53	18°41	18°18	27° 4	6°14	10°41	10°24	29°52	n.a.	M27
T 28	2 4 15	29°58'31	26°36	21°16	10° 6	24° 1	24°45	18°47	18°16	27° 6	6°13	10°34	10°21	29°59	n.a.	T 28
W29	2 8 11	0♏59'28	8♉30	22°23	10°37	24°47	24°37	18°52	18°15	27° 9	6°11	10°29	10°17	0♐ 6	n.a.	W29
T 30	2 12 8	2° 0'25	20°33	23°26	11° 5	25°33	24°29	18°58	18°13	27°11	6°10	10°27	10°14	0°12	n.a.	T 30
F 31	2 16 5	3♏ 1'24	2♒49	24♏25	11♐33	26♐20	24♈21	19♐ 3	18♓12	27♎13	6♉ 9	10♒27	10♒11	0♐19	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1s 5	27s14	3s30	5s49	0s36	21s43	4s 4	22s39	1s34	9n40	1s24	22s36	0n28	5s 3	0s47	8s27	1n54	2n26	12s 9	17s 5	17s28	24s33			n.a.
T 2	1 30	25 47	2 38	6 31	0 43	22 1	4 7	22 48	1 34	9 38	1 24	22 36	0 28	5 3	0 47	8 27	1 54	2 25	12 9	17 5	17 29	24 34			n.a.
F 3	1 54	23 3	1 38	7 13	0 49	22 19	4 10	22 56	1 34	9 35	1 24	22 37	0 28	5 4	0 47	8 28	1 53	2 25	12 9	17 4	17 30	24 36			n.a.
S 4	2 18	19 9	0 31	7 55	0 56	22 37	4 12	23 4	1 34	9 33	1 24	22 37	0 28	5 5	0 47	8 29	1 53	2 25	12 10	17 4	17 31	24 37			n.a.
S 5	2 42	14 13	0n39	8 36	1 2	22 54	4 15	23 12	1 34	9 30	1 25	22 38	0 28	5 6	0 47	8 30	1 53	2 24	12 10	17 4	17 32	24 38			n.a.
M 6	3 6	8 27	1 49	9 16	1 9	23 10	4 17	23 20	1 34	9 28	1 25	22 38	0 28	5 7	0 47	8 31	1 53	2 24	12 10	17 5	17 33	24 40			n.a.
T 7	3 30	2 6	2 55	9 56	1 15	23 25	4 20	23 28	1 34	9 25	1 25	22 39	0 28	5 8	0 47	8 31	1 53	2 23	12 10	17 6	17 34	24 41			n.a.
W 8	3 54	4n31	3 52	10 36	1 21	23 41	4 22	23 35	1 34	9 22	1 25	22 39	0 28	5 9	0 47	8 32	1 53	2 23	12 10	17 8	17 34	24 42			n.a.
T 9	4 18	11 2	4 34	11 15	1 27	23 55	4 24	23 42	1 34	9 19	1 25	22 40	0 28	5 10	0 47	8 33	1 53	2 23	12 10	17 10	17 35	24 44			n.a.
F 10	4 42	17 1	4 59	11 53	1 33	24 9	4 26	23 49	1 34	9 17	1 25	22 40	0 27	5 11	0 47	8 34	1 53	2 22	12 10	17 13	17 36	24 45			n.a.
S 11	5 6	21 58	5 3	12 31	1 38	24 22	4 27	23 55	1 33	9 14	1 24	22 41	0 27	5 11	0 46	8 35	1 53	2 22	12 10	17 16	17 37	24 46			n.a.
S 12	5 30	25 29	4 47	13 7	1 44	24 35	4 29	24 2	1 33	9 11	1 24	22 41	0 27	5 12	0 46	8 36	1 53	2 21	12 10	17 18	17 38	24 48			n.a.
M13	5 54	27 13	4 12	13 44	1 49	24 47	4 30	24 8	1 33	9 8	1 24	22 42	0 27	5 13	0 46	8 36	1 53	2 21	12 10	17 19	17 39	24 49			n.a.
T 14	6 17	27 6	3 22	14 19	1 54	24 59	4 31	24 13	1 33	9 6	1 24	22 42	0 27	5 14	0 46	8 37	1 53	2 21	12 10	17 20	17 40	24 50			n.a.
W15	6 41	25 14	2 21	14 54	1 59	25 10	4 32	24 19	1 33	9 3	1 24	22 43	0 27	5 15	0 46	8 38	1 53	2 20	12 10	17 21	17 41	24 52			n.a.
T 16	7 4	21 56	1 13	15 27	2 4	25 20	4 33	24 24	1 33	9 0	1 24	22 43	0 27	5 15	0 46	8 39	1 53	2 20	12 10	17 20	17 42	24 53			n.a.
F 17	7 28	17 32	0 3	16 0	2 8	25 30	4 34	24 29	1 33	8 57	1 24	22 44	0 27	5 16	0 46	8 40	1 53	2 19	12 10	17 20	17 42	24 54			n.a.
S 18	7 51	12 24	1s 6	16 32	2 12	25 39	4 34	24 34	1 33	8 54	1 24	22 45	0 26	5 17	0 46	8 40	1 53	2 19	12 11	17 21	17 43	24 55			n.a.
S 19	8 14	6 50	2 10	17 3	2 16	25 47	4 34	24 38	1 33	8 51	1 24	22 45	0 26	5 18	0 46	8 41	1 53	2 19	12 11	17 21	17 44	24 57			n.a.
M20	8 37	1 6	3 7	17 33	2 19	25 55	4 34	24 43	1 32	8 48	1 24	22 46	0 26	5 18	0 46	8 42	1 53	2 18	12 11	17 23	17 45	24 58			n.a.
T 21	9 0	4s36	3 53	18 1	2 22	26 2	4 33	24 47	1 32	8 45	1 24	22 46	0 26	5 19	0 46	8 43	1 53	2 18	12 11	17 25	17 46	24 59			n.a.
W22	9 23	10 3	4 28	18 29	2 25	26 9	4 33	24 50	1 32	8 42	1 24	22 47	0 26	5 20	0 46	8 44	1 53	2 18	12 11	17 29	17 47	25 0			n.a.
T 23	9 46	15 4	4 51	18 55	2 27	26 15	4 32	24 54	1 32	8 39	1 24	22 47	0 26	5 21	0 46	8 45	1 53	2 17	12 11	17 32	17 48	25 2			n.a.
F 24	10 8	19 26	5 0	19 20	2 29	26 20	4 30	24 57	1 32	8 37	1 24	22 48	0 26	5 21	0 46	8 45	1 53	2 17	12 11	17 36	17 49	25 3			n.a.
S 25	10 30	23 0	4 56	19 43	2 30	26 25	4 29	25 0	1 31	8 34	1 23	22 48	0 26	5 22	0 46	8 46	1 53	2 16	12 11	17 40	17 49	25 4			n.a.
S 26	10 52	25 33	4 39	20 5	2 31	26 28	4 27	25 2	1 31	8 31	1 23	22 49	0 26	5 23	0 46	8 47	1 53	2 16	12 11	17 44	17 50	25 5			n.a.
M27	11 14	26 59	4 9	20 25	2 31	26 32	4 25	25 5	1 31	8 28	1 23	22 50	0 26	5 23	0 46	8 48	1 53	2 16	12 11	17 47	17 51	25 7			n.a.
T 28	11 36	27 11	3 30	20 43	2 30	26 34	4 23	25 7	1 31	8 25	1 23	22 50	0 25	5 24	0 46	8 49	1 53	2 15	12 11	17 49	17 52	25 8			n.a.
W29	11 58	26 8	2 40	20 59	2 29	26 36	4 20	25 9	1 31	8 22	1 23	22 51	0 25	5 25	0 46	8 49	1 53	2 15	12 11	17 50	17 53	25 9			n.a.
T 30	12 19	23 51	1 43	21 13	2 27	26 37	4 17	25 10	1 30	8 19	1 23	22 51	0 25	5 25	0 46	8 50	1 53	2 15	12 11	17 50	17 54	25 10			n.a.
F 31	12s40	20s25	0s40	21s26	2s23	26s38	4s13	25s11	1s30	8n16	1s23	22s52	0n25	5s26	0s46	8s51	1n53	2n14	12s11	17s50	17s55	25s11			n.a.

Julian Day Number = 1598241.5, Delta T = 04h00m49s
Ecliptic obliquity = 23°44'17, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'42, Lahiri = - 8°36'42 Julian Calendar 1 Oct. 338 BCE == Greg. Calendar 26 Sept. 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

NOVEMBER 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 20 1	4♏ 2'23	15♒25	25♏20	11♐58	27♐ 6	24°R13	19♐ 9	18°R10	27♎15	6°R 8	10°R27	10♒ 8	0♐26	n.a.	S 1
S 2	2 23 58	5° 3'24	28°25	26° 9	12°22	27°52	24♈ 5	19°15	18♓ 9	27°18	6♉ 7	10♒26	10° 5	0°33	n.a.	S 2
M 3	2 27 54	6° 4'25	11♓53	26°53	12°43	28°38	23°57	19°20	18° 7	27°20	6° 6	10°23	10° 1	0°39	n.a.	M 3
T 4	2 31 51	7° 5'26	25°52	27°31	13° 3	29°25	23°49	19°26	18° 6	27°22	6° 5	10°18	9°58	0°46	n.a.	T 4
W 5	2 35 47	8° 6'29	10♈20	28° 1	13°21	0♑11	23°42	19°32	18° 4	27°24	6° 3	10° 9	9°55	0°53	n.a.	W 5
T 6	2 39 44	9° 7'32	25°14	28°24	13°37	0°57	23°34	19°38	18° 3	27°27	6° 2	9°59	9°52	0°59	n.a.	T 6
F 7	2 43 40	10° 8'36	10♉25	28°37	13°51	1°43	23°27	19°44	18° 2	27°29	6° 1	9°47	9°49	1° 6	n.a.	F 7
S 8	2 47 37	11° 9'42	25°43	28°R41	14° 2	2°30	23°19	19°50	18° 1	27°31	6° 0	9°35	9°46	1°13	n.a.	S 8
S 9	2 51 34	12°10'48	10♊57	28°34	14°11	3°16	23°12	19°56	18° 0	27°33	5°59	9°25	9°42	1°20	n.a.	S 9
M10	2 55 30	13°11'55	25°55	28°16	14°18	4° 3	23° 4	20° 2	17°58	27°35	5°58	9°18	9°39	1°26	n.a.	M10
T 11	2 59 27	14°13'03	10♋30	27°47	14°23	4°49	22°57	20° 8	17°57	27°38	5°57	9°13	9°36	1°33	n.a.	T 11
W12	3 3 23	15°14'12	24°40	27° 6	14°R25	5°35	22°50	20°15	17°56	27°40	5°55	9°11	9°33	1°40	n.a.	W12
T 13	3 7 20	16°15'22	8♌23	26°14	14°25	6°22	22°43	20°21	17°55	27°42	5°54	9°10	9°30	1°46	n.a.	T 13
F 14	3 11 16	17°16'33	21°41	25°12	14°23	7° 8	22°37	20°27	17°54	27°44	5°53	9°10	9°27	1°53	n.a.	F 14
S 15	3 15 13	18°17'45	4♍37	24° 1	14°18	7°55	22°30	20°34	17°54	27°46	5°52	9° 9	9°23	2° 0	n.a.	S 15
S 16	3 19 10	19°18'57	17°16	22°44	14°10	8°41	22°23	20°40	17°53	27°48	5°51	9° 6	9°20	2° 7	n.a.	S 16
M17	3 23 6	20°20'11	29°40	21°23	14° 0	9°27	22°17	20°46	17°52	27°51	5°50	9° 1	9°17	2°13	n.a.	M17
T 18	3 27 3	21°21'25	11♎54	20° 0	13°48	10°14	22°11	20°53	17°51	27°53	5°49	8°52	9°14	2°20	n.a.	T 18
W19	3 30 59	22°22'40	24° 0	18°39	13°33	11° 0	22° 5	20°59	17°51	27°55	5°48	8°40	9°11	2°27	n.a.	W19
T 20	3 34 56	23°23'55	6♏ 1	17°21	13°15	11°47	21°59	21° 6	17°50	27°57	5°47	8°27	9° 7	2°33	n.a.	T 20
F 21	3 38 52	24°25'11	17°57	16°10	12°56	12°33	21°53	21°12	17°49	27°59	5°45	8°12	9° 4	2°40	n.a.	F 21
S 22	3 42 49	25°26'27	29°49	15° 8	12°34	13°20	21°47	21°19	17°49	28° 1	5°44	7°58	9° 1	2°47	n.a.	S 22
S 23	3 46 45	26°27'43	11♐40	14°14	12°10	14° 6	21°42	21°26	17°48	28° 3	5°43	7°45	8°58	2°54	n.a.	S 23
M24	3 50 42	27°29'00	23°31	13°32	11°43	14°53	21°36	21°32	17°48	28° 5	5°42	7°34	8°55	3° 0	n.a.	M24
T 25	3 54 39	28°30'17	5♑23	13° 0	11°15	15°39	21°31	21°39	17°48	28° 7	5°41	7°27	8°52	3° 7	n.a.	T 25
W26	3 58 35	29°31'34	17°19	12°38	10°45	16°26	21°26	21°46	17°47	28° 9	5°40	7°22	8°48	3°14	n.a.	W26
T 27	4 2 32	0♐32'50	29°23	12°27	10°13	17°12	21°21	21°53	17°47	28°11	5°39	7°20	8°45	3°20	n.a.	T 27
F 28	4 6 28	1°34'07	11♒39	12°D26	9°40	17°59	21°17	21°59	17°47	28°13	5°38	7°D20	8°42	3°27	n.a.	F 28
S 29	4 10 25	2°35'23	24°12	12°33	9° 6	18°45	21°12	22° 6	17°47	28°15	5°37	7°20	8°39	3°34	n.a.	S 29
S 30	4 14 21	3♐36'39	7♓ 5	12♏50	8♐31	19♑32	21♈ 8	22♐13	17♓46	28♎17	5♉36	7°R20	8♒36	3♐41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s 1	16s 0	0n26	21s35	2s20	26s37	4s 9	25s12	1s30	8n14	1s23	22s52	0n25	5s26	0s46	8s52	1n53	2n14	12s11	17s50	17s56	25s13		n.a.
S 2	13 22	10 43	1 33	21 43	2 15	26 36	4 5	25 13	1 30	8 11	1 22	22 53	0 25	5 27	0 46	8 53	1 53	2 14	12 11	17 51	17 56	25 14		n.a.
M 3	13 43	4 46	2 38	21 47	2 8	26 35	4 1	25 13	1 29	8 8	1 22	22 54	0 25	5 27	0 46	8 54	1 53	2 13	12 11	17 51	17 57	25 15		n.a.
T 4	14 3	1n37	3 35	21 49	2 1	26 32	3 55	25 13	1 29	8 5	1 22	22 54	0 25	5 28	0 46	8 54	1 53	2 13	12 11	17 53	17 58	25 16		n.a.
W 5	14 23	8 8	4 21	21 48	1 53	26 29	3 50	25 13	1 29	8 3	1 22	22 55	0 25	5 28	0 46	8 55	1 53	2 13	12 10	17 55	17 59	25 17		n.a.
T 6	14 43	14 22	4 50	21 43	1 43	26 25	3 44	25 12	1 28	8 0	1 22	22 55	0 24	5 29	0 46	8 56	1 53	2 12	12 10	17 58	18 0	25 18		n.a.
F 7	15 3	19 52	5 0	21 35	1 31	26 21	3 38	25 12	1 28	7 57	1 21	22 56	0 24	5 29	0 46	8 57	1 53	2 12	12 10	18 1	18 1	25 19		n.a.
S 8	15 22	24 5	4 48	21 23	1 18	26 16	3 31	25 11	1 28	7 55	1 21	22 56	0 24	5 30	0 46	8 58	1 53	2 12	12 10	18 4	18 2	25 21		n.a.
S 9	15 41	26 35	4 16	21 8	1 4	26 9	3 24	25 9	1 27	7 52	1 21	22 57	0 24	5 30	0 46	8 58	1 53	2 11	12 10	18 7	18 2	25 22		n.a.
M10	16 0	27 7	3 27	20 48	0 48	26 3	3 16	25 8	1 27	7 50	1 21	22 57	0 24	5 31	0 46	8 59	1 53	2 11	12 10	18 9	18 3	25 23		n.a.
T 11	16 18	25 44	2 25	20 25	0 31	25 55	3 8	25 6	1 27	7 47	1 21	22 58	0 24	5 31	0 46	9 0	1 53	2 11	12 10	18 10	18 4	25 24		n.a.
W12	16 36	22 42	1 16	19 57	0 12	25 46	2 59	25 3	1 26	7 45	1 20	22 59	0 24	5 31	0 46	9 1	1 53	2 10	12 10	18 11	18 5	25 25		n.a.
T 13	16 54	18 28	0 4	19 26	0n 7	25 37	2 50	25 1	1 26	7 42	1 20	22 59	0 24	5 32	0 46	9 1	1 53	2 10	12 10	18 11	18 6	25 26		n.a.
F 14	17 12	13 25	1s 6	18 52	0 27	25 27	2 40	24 58	1 26	7 40	1 20	23 0	0 24	5 32	0 45	9 2	1 53	2 10	12 10	18 11	18 7	25 27		n.a.
S 15	17 29	7 55	2 10	18 14	0 48	25 16	2 29	24 55	1 25	7 38	1 20	23 0	0 24	5 32	0 45	9 3	1 53	2 10	12 10	18 11	18 8	25 28		n.a.
S 16	17 46	2 14	3 7	17 35	1 8	25 5	2 19	24 52	1 25	7 36	1 19	23 1	0 24	5 33	0 45	9 4	1 53	2 9	12 10	18 12	18 8	25 29		n.a.
M17	18 3	3s25	3 53	16 55	1 28	24 52	2 7	24 48	1 24	7 33	1 19	23 1	0 23	5 33	0 45	9 4	1 53	2 9	12 10	18 14	18 9	25 30		n.a.
T 18	18 20	8 52	4 28	16 16	1 46	24 39	1 55	24 44	1 24	7 31	1 19	23 2	0 23	5 33	0 45	9 5	1 53	2 9	12 9	18 16	18 10	25 31		n.a.
W19	18 36	13 55	4 51	15 37	2 3	24 25	1 43	24 40	1 24	7 29	1 19	23 2	0 23	5 33	0 45	9 6	1 53	2 9	12 9	18 19	18 11	25 32		n.a.
T 20	18 51	18 24	5 0	15 2	2 18	24 10	1 30	24 35	1 23	7 27	1 18	23 3	0 23	5 34	0 45	9 7	1 54	2 8	12 9	18 23	18 12	25 33		n.a.
F 21	19 7	22 7	4 56	14 29	2 30	23 54	1 17	24 31	1 23	7 25	1 18	23 4	0 23	5 34	0 45	9 7	1 54	2 8	12 9	18 26	18 13	25 34		n.a.
S 22	19 22	24 54	4 39	14 1	2 41	23 38	1 3	24 26	1 22	7 23	1 18	23 4	0 23	5 34	0 45	9 8	1 54	2 8	12 9	18 30	18 14	25 35		n.a.
S 23	19 36	26 36	4 10	13 38	2 49	23 21	0 49	24 20	1 22	7 22	1 18	23 5	0 23	5 34	0 45	9 9	1 54	2 8	12 9	18 34	18 14	25 36		n.a.
M24	19 51	27 5	3 30	13 19	2 54	23 3	0 35	24 15	1 22	7 20	1 17	23 5	0 23	5 34	0 45	9 9	1 54	2 7	12 9	18 36	18 15	25 37		n.a.
T 25	20 4	26 18	2 41	13 6	2 58	22 44	0 20	24 9	1 21	7 18	1 17	23 6	0 23	5 34	0 45	9 10	1 54	2 7	12 9	18 38	18 16	25 38		n.a.
W26	20 18	24 19	1 44	12 58	3 0	22 25	0 5	24 3	1 21	7 17	1 17	23 6	0 23	5 34	0 45	9 11	1 54	2 7	12 8	18 40	18 17	25 39		n.a.
T 27	20 31	21 13	0 42	12 54	3 0	22 5	0n10	23 56	1 20	7 15	1 16	23 7	0 23	5 35	0 45	9 12	1 54	2 7	12 8	18 40	18 18	25 40		n.a.
F 28	20 44	17 8	0n23	12 55	2 59	21 45	0 26	23 50	1 20	7 14	1 16	23 7	0 22	5 35	0 45	9 12	1 54	2 7	12 8	18 40	18 19	25 41		n.a.
S 29	20 56	12 14	1 29	13 0	2 56	21 25	0 41	23 43	1 19	7 12	1 16	23 8	0 22	5 35	0 45	9 13	1 54	2 6	12 8	18 40	18 19	25 42		n.a.
S 30	21s 8	6s40	2n32	13s 9	2n53	21s 4	0n57	23s36	1s19	7n11	1s16	23s 8	0n22	5s35	0s45	9s14	1n54	2n 6	12s 8	18s40	18s20	25s43		n.a.

Julian Day Number = 1598272.5, Delta T = 04h00m48s
Ecliptic obliquity = 23°44'16, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'38, Lahiri = - 8°36'38 Julian Calendar 1 Nov. 338 BCE == Greg. Calendar 27 Oct. 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 338 BCE
geocentric

DECEMBER 338 BCE (-337) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 18 18	4♐37'55	20♓24	13♏13	7°R55	20♑18	21°R 4	22♐20	17°R46	28♎19	5°R35	7°R19	8♒33	3♐47	n.a.	M 1
T 2	4 22 14	5°39'10	4♈12	13°44	7♐18	21° 5	21♈ 0	22°27	17°D46	28°21	5♉34	7♒16	8°29	3°54	n.a.	T 2
W 3	4 26 11	6°40'25	18°29	14°21	6°42	21°51	20°56	22°34	17♓46	28°23	5°33	7°10	8°26	4° 1	n.a.	W 3
T 4	4 30 8	7°41'40	3♉14	15° 3	6° 5	22°38	20°53	22°41	17°46	28°25	5°32	7° 2	8°23	4° 7	n.a.	T 4
F 5	4 34 4	8°42'54	18°21	15°51	5°28	23°24	20°50	22°48	17°47	28°26	5°31	6°53	8°20	4°14	n.a.	F 5
S 6	4 38 1	9°44'08	3♊40	16°43	4°52	24°10	20°47	22°55	17°47	28°28	5°30	6°44	8°17	4°21	n.a.	S 6
S 7	4 41 57	10°45'21	19° 0	17°39	4°17	24°57	20°44	23° 2	17°47	28°30	5°29	6°36	8°13	4°28	n.a.	S 7
M 8	4 45 54	11°46'35	4♋11	18°38	3°43	25°43	20°41	23° 9	17°47	28°32	5°29	6°29	8°10	4°34	n.a.	M 8
T 9	4 49 50	12°47'48	19° 1	19°40	3°10	26°30	20°38	23°16	17°48	28°34	5°28	6°26	8° 7	4°41	n.a.	T 9
W10	4 53 47	13°49'01	3♌26	20°46	2°39	27°16	20°36	23°23	17°48	28°35	5°27	6°D24	8° 4	4°48	n.a.	W10
T 11	4 57 44	14°50'14	17°22	21°54	2° 9	28° 2	20°34	23°30	17°49	28°37	5°26	6°25	8° 1	4°54	n.a.	T 11
F 12	5 1 40	15°51'26	0♍49	23° 4	1°41	28°49	20°32	23°37	17°49	28°39	5°25	6°26	7°58	5° 1	n.a.	F 12
S 13	5 5 37	16°52'39	13°51	24°16	1°15	29°35	20°30	23°44	17°50	28°40	5°24	6°R27	7°54	5° 8	n.a.	S 13
S 14	5 9 33	17°53'51	26°31	25°30	0°52	0♒21	20°29	23°51	17°50	28°42	5°23	6°26	7°51	5°14	n.a.	S 14
M15	5 13 30	18°55'02	8♎53	26°45	0°30	1° 7	20°28	23°58	17°51	28°44	5°23	6°24	7°48	5°21	n.a.	M15
T 16	5 17 26	19°56'14	21° 2	28° 2	0°11	1°54	20°27	24° 5	17°52	28°45	5°22	6°20	7°45	5°28	n.a.	T 16
W17	5 21 23	20°57'25	3♏ 2	29°21	29♏54	2°40	20°26	24°12	17°52	28°47	5°21	6°13	7°42	5°35	n.a.	W17
T 18	5 25 19	21°58'35	14°57	0♐41	29°40	3°26	20°25	24°19	17°53	28°48	5°20	6° 5	7°39	5°41	n.a.	T 18
F 19	5 29 16	22°59'45	26°48	2° 1	29°28	4°12	20°25	24°27	17°54	28°50	5°20	5°56	7°35	5°48	n.a.	F 19
S 20	5 33 13	24° 0'54	8♐39	3°23	29°19	4°59	20°24	24°34	17°55	28°51	5°19	5°48	7°32	5°55	n.a.	S 20
S 21	5 37 9	25° 2'03	20°31	4°46	29°12	5°45	20°D24	24°41	17°56	28°53	5°18	5°40	7°29	6° 1	n.a.	S 21
M22	5 41 6	26° 3'11	2♑25	6°10	29° 7	6°31	20°24	24°48	17°57	28°54	5°18	5°34	7°26	6° 8	n.a.	M22
T 23	5 45 2	27° 4'18	14°24	7°35	29°D 6	7°17	20°25	24°55	17°58	28°56	5°17	5°29	7°23	6°15	n.a.	T 23
W24	5 48 59	28° 5'23	26°29	9° 1	29° 6	8° 3	20°25	25° 2	17°59	28°57	5°16	5°27	7°19	6°22	n.a.	W24
T 25	5 52 55	29° 6'28	8♒43	10°28	29° 9	8°49	20°26	25° 9	18° 0	28°58	5°16	5°D27	7°16	6°28	n.a.	T 25
F 26	5 56 52	0♑ 7'32	21° 7	11°55	29°14	9°35	20°27	25°16	18° 2	29° 0	5°15	5°28	7°13	6°35	n.a.	F 26
S 27	6 0 49	1° 8'34	3♓45	13°23	29°22	10°21	20°28	25°24	18° 3	29° 1	5°14	5°29	7°10	6°42	n.a.	S 27
S 28	6 4 45	2° 9'35	16°40	14°52	29°32	11° 7	20°30	25°31	18° 4	29° 2	5°14	5°31	7° 7	6°48	n.a.	S 28
M29	6 8 42	3°10'34	29°56	16°22	29°44	11°53	20°31	25°38	18° 6	29° 3	5°13	5°R32	7° 4	6°55	n.a.	M29
T 30	6 12 38	4°11'32	13♈34	17°52	29°58	12°39	20°33	25°45	18° 7	29° 5	5°13	5°31	7° 0	7° 2	n.a.	T 30
W31	6 16 35	5♑12'29	27♈37	19♐23	0♐14	13♒25	20♈35	25♐52	18♓ 8	29♎ 6	5♉12	5♒30	6♒57	7♐ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21 s20	0 s40	3n29	13 s20	2n48	20 s42	1n13	23 s28	1 s18	7n10	1 s15	23 s 9	0n22	5 s35	0 s45	9 s14	1n54	2n 6	12 s 8	18 s40	18 s21	25 s44			n.a.
T 2	21 31	5n35	4 16	13 35	2 42	20 21	1 28	23 21	1 18	7 8	1 15	23 9	0 22	5 35	0 45	9 15	1 54	2 6	12 8	18 41	18 22	25 45			n.a.
W 3	21 42	11 46	4 49	13 51	2 36	20 0	1 43	23 13	1 17	7 7	1 15	23 10	0 22	5 35	0 45	9 16	1 54	2 6	12 7	18 43	18 23	25 46			n.a.
T 4	21 52	17 29	5 4	14 10	2 30	19 39	1 59	23 4	1 17	7 6	1 14	23 10	0 22	5 34	0 45	9 16	1 54	2 6	12 7	18 45	18 24	25 47			n.a.
F 5	22 2	22 16	4 58	14 31	2 23	19 18	2 13	22 56	1 16	7 5	1 14	23 11	0 22	5 34	0 45	9 17	1 54	2 6	12 7	18 47	18 24	25 48			n.a.
S 6	22 11	25 35	4 32	14 53	2 15	18 57	2 28	22 47	1 16	7 4	1 14	23 11	0 22	5 34	0 45	9 17	1 54	2 5	12 7	18 49	18 25	25 49			n.a.
S 7	22 20	27 1	3 46	15 16	2 7	18 37	2 42	22 38	1 15	7 3	1 13	23 11	0 22	5 34	0 45	9 18	1 54	2 5	12 7	18 51	18 26	25 50			n.a.
M 8	22 29	26 24	2 44	15 40	1 59	18 17	2 56	22 29	1 15	7 3	1 13	23 12	0 22	5 34	0 45	9 19	1 54	2 5	12 6	18 53	18 27	25 51			n.a.
T 9	22 37	23 53	1 32	16 5	1 51	17 58	3 9	22 20	1 14	7 2	1 13	23 12	0 22	5 34	0 44	9 19	1 54	2 5	12 6	18 54	18 28	25 52			n.a.
W10	22 45	19 53	0 16	16 31	1 43	17 39	3 21	22 10	1 14	7 1	1 13	23 13	0 21	5 34	0 44	9 20	1 54	2 5	12 6	18 54	18 29	25 53			n.a.
T 11	22 52	14 54	0 s59	16 57	1 34	17 22	3 34	22 0	1 13	7 1	1 12	23 13	0 21	5 33	0 44	9 20	1 54	2 5	12 6	18 54	18 29	25 53			n.a.
F 12	22 59	9 20	2 7	17 23	1 26	17 5	3 45	21 50	1 13	7 1	1 12	23 14	0 21	5 33	0 44	9 21	1 54	2 5	12 6	18 54	18 30	25 54			n.a.
S 13	23 5	3 33	3 8	17 49	1 18	16 49	3 56	21 40	1 12	7 0	1 12	23 14	0 21	5 33	0 44	9 21	1 54	2 5	12 5	18 54	18 31	25 55			n.a.
S 14	23 11	2 s12	3 57	18 15	1 9	16 34	4 6	21 29	1 12	7 0	1 11	23 14	0 21	5 33	0 44	9 22	1 54	2 5	12 5	18 54	18 32	25 56			n.a.
M15	23 16	7 44	4 33	18 41	1 1	16 20	4 16	21 19	1 11	7 0	1 11	23 15	0 21	5 32	0 44	9 23	1 54	2 5	12 5	18 54	18 33	25 57			n.a.
T 16	23 21	12 53	4 57	19 7	0 52	16 8	4 25	21 8	1 10	7 0	1 11	23 15	0 21	5 32	0 44	9 23	1 54	2 5	12 5	18 55	18 34	25 58			n.a.
W17	23 25	17 29	5 7	19 33	0 44	15 56	4 33	20 57	1 10	7 0	1 10	23 16	0 21	5 32	0 44	9 24	1 55	2 5	12 5	18 57	18 34	25 59			n.a.
T 18	23 29	21 21	5 4	19 58	0 36	15 46	4 41	20 45	1 9	7 0	1 10	23 16	0 21	5 31	0 44	9 24	1 55	2 5	12 4	18 59	18 35	25 59			n.a.
F 19	23 33	24 21	4 48	20 22	0 28	15 36	4 48	20 33	1 9	7 0	1 10	23 16	0 21	5 31	0 44	9 25	1 55	2 5	12 4	19 1	18 36	26 0			n.a.
S 20	23 36	26 17	4 19	20 46	0 20	15 28	4 54	20 22	1 8	7 0	1 9	23 17	0 21	5 30	0 44	9 25	1 55	2 5	12 4	19 3	18 37	26 1			n.a.
S 21	23 39	27 2	3 39	21 10	0 12	15 21	5 0	20 10	1 8	7 0	1 9	23 17	0 21	5 30	0 44	9 26	1 55	2 5	12 4	19 5	18 38	26 2			n.a.
M22	23 41	26 32	2 50	21 32	0 4	15 15	5 5	19 57	1 7	7 1	1 9	23 18	0 21	5 30	0 44	9 26	1 55	2 5	12 3	19 7	18 39	26 3			n.a.
T 23	23 42	24 48	1 52	21 54	0 s 4	15 10	5 10	19 45	1 6	7 1	1 8	23 18	0 20	5 29	0 44	9 26	1 55	2 5	12 3	19 8	18 39	26 3			n.a.
W24	23 43	21 55	0 49	22 16	0 11	15 6	5 14	19 32	1 6	7 2	1 8	23 18	0 20	5 29	0 44	9 27	1 55	2 5	12 3	19 9	18 40	26 4			n.a.
T 25	23 44	18 1	0n18	22 36	0 18	15 3	5 18	19 20	1 5	7 2	1 8	23 19	0 20	5 28	0 44	9 27	1 55	2 5	12 3	19 9	18 41	26 5			n.a.
F 26	23 44	13 18	1 25	22 55	0 26	15 1	5 21	19 7	1 5	7 3	1 7	23 19	0 20	5 28	0 44	9 28	1 55	2 5	12 2	19 8	18 42	26 6			n.a.
S 27	23 44	7 57	2 28	23 14	0 33	15 0	5 24	18 53	1 4	7 4	1 7	23 19	0 20	5 27	0 44	9 28	1 55	2 5	12 2	19 8	18 43	26 7			n.a.
S 28	23 43	2 10	3 26	23 31	0 39	15 0	5 26	18 40	1 3	7 4	1 7	23 20	0 20	5 27	0 44	9 29	1 55	2 5	12 2	19 8	18 43	26 7			n.a.
M29	23 42	3n51	4 15	23 47	0 46	15 1	5 28	18 27	1 3	7 5	1 7	23 20	0 20	5 26	0 44	9 29	1 55	2 5	12 2	19 7	18 44	26 8			n.a.
T 30	23 40	9 52	4 50	24 3	0 52	15 2	5 29	18 13	1 2	7 6	1 6	23 20	0 20	5 25	0 44	9 29	1 55	2 5	12 1	19 7	18 45	26 9			n.a.
W31	23 s38	15n34	5n10	24 s17	0 s58	15 s 5	5n30	17 s59	1 s 2	7n 7	1 s 6	23 s20	0n20	5 s25	0 s44	9 s30	1n55	2n 5	12 s 1	19 s 8	18 s46	26 s 9			n.a.

Julian Day Number = 1598302.5, Delta T = 04h00m47s
Ecliptic obliquity = 23°44'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'34, Lahiri = - 8°36'34 Julian Calendar 1 Dec. 338 BCE == Greg. Calendar 26 Nov. 338 BCE

The year -337 astronomical counting style corresponds to year 338 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

JANUARY 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 20 31	6♑13'24	12♉ 3	20♐55	0♐32	14♒11	20♈37	25♐59	18♓10	29♎ 7	5°R12	5°R27	6♒54	7♐15	n.a.	T 1
F 2	6 24 28	7°14'18	26°50	22°27	0°53	14°57	20°40	26° 6	18°11	29° 8	5♉11	5♒23	6°51	7°22	n.a.	F 2
S 3	6 28 24	8°15'10	11♊51	24° 1	1°15	15°43	20°42	26°13	18°13	29° 9	5°11	5°19	6°48	7°29	n.a.	S 3
S 4	6 32 21	9°16'01	26°57	25°34	1°39	16°29	20°45	26°20	18°15	29°10	5°10	5°15	6°45	7°35	n.a.	S 4
M 5	6 36 18	10°16'51	12♋ 0	27° 9	2° 5	17°14	20°48	26°27	18°16	29°11	5°10	5°12	6°41	7°42	n.a.	M 5
T 6	6 40 14	11°17'39	26°51	28°45	2°32	18° 0	20°51	26°34	18°18	29°12	5°10	5°11	6°38	7°49	n.a.	T 6
W 7	6 44 11	12°18'25	11♌20	0♑21	3° 1	18°46	20°55	26°41	18°20	29°13	5° 9	5°D11	6°35	7°55	n.a.	W 7
T 8	6 48 7	13°19'11	25°25	1°58	3°32	19°31	20°58	26°48	18°22	29°14	5° 9	5°12	6°32	8° 2	n.a.	T 8
F 9	6 52 4	14°19'55	9♍ 3	3°36	4° 4	20°17	21° 2	26°55	18°24	29°15	5° 9	5°13	6°29	8° 9	n.a.	F 9
S 10	6 56 0	15°20'38	22°14	5°14	4°37	21° 3	21° 6	27° 2	18°26	29°16	5° 8	5°15	6°25	8°16	n.a.	S 10
S 11	6 59 57	16°21'20	5♎ 1	6°54	5°12	21°48	21°10	27° 8	18°27	29°17	5° 8	5°16	6°22	8°22	n.a.	S 11
M12	7 3 53	17°22'00	17°28	8°34	5°49	22°34	21°14	27°15	18°29	29°18	5° 8	5°R16	6°19	8°29	n.a.	M12
T 13	7 7 50	18°22'39	29°39	10°15	6°27	23°19	21°19	27°22	18°32	29°18	5° 7	5°16	6°16	8°36	n.a.	T 13
W14	7 11 47	19°23'17	11♏39	11°57	7° 5	24° 4	21°23	27°29	18°34	29°19	5° 7	5°15	6°13	8°42	n.a.	W14
T 15	7 15 43	20°23'54	23°32	13°39	7°46	24°50	21°28	27°36	18°36	29°20	5° 7	5°13	6°10	8°49	n.a.	T 15
F 16	7 19 40	21°24'29	5♐22	15°23	8°27	25°35	21°33	27°42	18°38	29°20	5° 7	5°11	6° 6	8°56	n.a.	F 16
S 17	7 23 36	22°25'02	17°13	17° 8	9° 9	26°21	21°38	27°49	18°40	29°21	5° 7	5° 9	6° 3	9° 2	n.a.	S 17
S 18	7 27 33	23°25'35	29° 7	18°53	9°53	27° 6	21°44	27°56	18°42	29°22	5° 7	5° 7	6° 0	9° 9	n.a.	S 18
M19	7 31 29	24°26'05	11♑ 8	20°40	10°37	27°51	21°49	28° 2	18°45	29°22	5° 6	5° 5	5°57	9°16	n.a.	M19
T 20	7 35 26	25°26'34	23°17	22°27	11°22	28°36	21°55	28° 9	18°47	29°23	5° 6	5° 5	5°54	9°23	n.a.	T 20
W21	7 39 23	26°27'01	5♒36	24°15	12° 9	29°22	22° 1	28°16	18°49	29°23	5° 6	5°D 4	5°51	9°29	n.a.	W21
T 22	7 43 19	27°27'26	18° 5	26° 4	12°56	0♓ 7	22° 7	28°22	18°52	29°24	5° 6	5° 5	5°47	9°36	n.a.	T 22
F 23	7 47 16	28°27'50	0♓47	27°54	13°44	0°52	22°13	28°29	18°54	29°24	5° 6	5° 5	5°44	9°43	n.a.	F 23
S 24	7 51 12	29°28'11	13°42	29°45	14°33	1°37	22°19	28°35	18°57	29°25	5°D 6	5° 6	5°41	9°49	n.a.	S 24
S 25	7 55 9	0♒28'30	26°51	1♒37	15°22	2°22	22°26	28°42	18°59	29°25	5° 6	5° 6	5°38	9°56	n.a.	S 25
M26	7 59 5	1°28'47	10♈15	3°29	16°12	3° 7	22°33	28°48	19° 2	29°25	5° 6	5° 7	5°35	10° 3	n.a.	M26
T 27	8 3 2	2°29'02	23°55	5°23	17° 3	3°52	22°39	28°54	19° 4	29°26	5° 6	5° 7	5°31	10° 9	n.a.	T 27
W28	8 6 58	3°29'15	7♉51	7°17	17°55	4°37	22°46	29° 1	19° 7	29°26	5° 6	5°R 7	5°28	10°16	n.a.	W28
T 29	8 10 55	4°29'26	22° 3	9°11	18°48	5°22	22°54	29° 7	19° 9	29°26	5° 7	5° 7	5°25	10°23	n.a.	T 29
F 30	8 14 51	5°29'34	6♊27	11° 6	19°41	6° 6	23° 1	29°13	19°12	29°26	5° 7	5°D 7	5°22	10°30	n.a.	F 30
S 31	8 18 48	6♒29'40	21♊ 2	13♒ 1	20♐34	6♓51	23♈ 8	29♐19	19♓15	29♎27	5♉ 7	5♒ 7	5♒19	10♐36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s35	20n34	5n11	24s30	1s 4	15s 8	5n30	17s45	1s 1	7n 8	1s 6	23s21	0n20	5s24	0s44	9s30	1n55	2n 5	12s 1	19s 9	18s47	26s10			n.a.
F 2	23 32	24 25	4 52	24 41	1 10	15 12	5 30	17 31	1 0	7 10	1 5	23 21	0 20	5 23	0 44	9 30	1 55	2 5	12 1	19 10	18 48	26 11			n.a.
S 3	23 29	26 39	4 12	24 52	1 16	15 17	5 30	17 17	1 0	7 11	1 5	23 21	0 20	5 23	0 43	9 31	1 55	2 5	12 0	19 11	18 48	26 12			n.a.
S 4	23 25	26 57	3 15	25 1	1 21	15 22	5 30	17 2	0 59	7 12	1 5	23 22	0 20	5 22	0 43	9 31	1 55	2 5	12 0	19 12	18 49	26 12			n.a.
M 5	23 20	25 15	2 4	25 8	1 26	15 28	5 29	16 47	0 59	7 14	1 4	23 22	0 20	5 21	0 43	9 31	1 56	2 5	12 0	19 12	18 50	26 13			n.a.
T 6	23 15	21 48	0 46	25 14	1 31	15 34	5 27	16 33	0 58	7 15	1 4	23 22	0 19	5 21	0 43	9 32	1 56	2 6	12 0	19 12	18 51	26 14			n.a.
W 7	23 10	17 3	0s34	25 19	1 35	15 41	5 26	16 18	0 57	7 17	1 4	23 22	0 19	5 20	0 43	9 32	1 56	2 6	11 59	19 13	18 52	26 14			n.a.
T 8	23 4	11 30	1 49	25 22	1 39	15 49	5 24	16 3	0 57	7 18	1 3	23 23	0 19	5 19	0 43	9 32	1 56	2 6	11 59	19 12	18 52	26 15			n.a.
F 9	22 57	5 34	2 56	25 24	1 43	15 57	5 22	15 47	0 56	7 20	1 3	23 23	0 19	5 18	0 43	9 33	1 56	2 6	11 59	19 12	18 53	26 16			n.a.
S 10	22 51	0s25	3 51	25 24	1 46	16 5	5 20	15 32	0 55	7 22	1 3	23 23	0 19	5 18	0 43	9 33	1 56	2 6	11 59	19 12	18 54	26 16			n.a.
S 11	22 43	6 11	4 33	25 23	1 50	16 14	5 18	15 17	0 55	7 24	1 3	23 23	0 19	5 17	0 43	9 33	1 56	2 6	11 58	19 11	18 55	26 17			n.a.
M12	22 36	11 34	5 1	25 20	1 52	16 22	5 15	15 1	0 54	7 25	1 2	23 23	0 19	5 16	0 43	9 33	1 56	2 7	11 58	19 11	18 56	26 18			n.a.
T 13	22 28	16 22	5 14	25 15	1 55	16 32	5 12	14 45	0 53	7 27	1 2	23 24	0 19	5 15	0 43	9 33	1 56	2 7	11 58	19 11	18 56	26 18			n.a.
W14	22 19	20 29	5 14	25 8	1 57	16 41	5 9	14 29	0 53	7 29	1 2	23 24	0 19	5 14	0 43	9 34	1 56	2 7	11 57	19 12	18 57	26 19			n.a.
T 15	22 10	23 43	5 0	25 0	1 59	16 51	5 6	14 13	0 52	7 32	1 1	23 24	0 19	5 13	0 43	9 34	1 56	2 7	11 57	19 12	18 58	26 20			n.a.
F 16	22 1	25 56	4 33	24 50	2 0	17 1	5 2	13 57	0 52	7 34	1 1	23 24	0 19	5 13	0 43	9 34	1 56	2 7	11 57	19 13	18 59	26 20			n.a.
S 17	21 51	27 1	3 55	24 38	2 1	17 10	4 59	13 41	0 51	7 36	1 1	23 24	0 19	5 12	0 43	9 34	1 56	2 8	11 57	19 13	19 0	26 21			n.a.
S 18	21 41	26 50	3 6	24 24	2 2	17 21	4 55	13 25	0 50	7 38	1 0	23 25	0 19	5 11	0 43	9 34	1 56	2 8	11 56	19 14	19 0	26 21			n.a.
M19	21 30	25 24	2 9	24 8	2 2	17 31	4 51	13 9	0 50	7 41	1 0	23 25	0 19	5 10	0 43	9 34	1 56	2 8	11 56	19 14	19 1	26 22			n.a.
T 20	21 19	22 46	1 5	23 50	2 1	17 41	4 47	12 52	0 49	7 43	1 0	23 25	0 19	5 9	0 43	9 35	1 56	2 8	11 56	19 14	19 2	26 23			n.a.
W21	21 8	19 4	0n 3	23 31	2 1	17 51	4 43	12 35	0 48	7 45	1 0	23 25	0 19	5 8	0 43	9 35	1 57	2 9	11 55	19 14	19 3	26 23			n.a.
T 22	20 56	14 28	1 12	23 9	1 59	18 1	4 39	12 19	0 48	7 48	0 59	23 25	0 18	5 7	0 43	9 35	1 57	2 9	11 55	19 14	19 4	26 24			n.a.
F 23	20 44	9 11	2 18	22 45	1 58	18 11	4 35	12 2	0 47	7 51	0 59	23 25	0 18	5 6	0 43	9 35	1 57	2 9	11 55	19 14	19 4	26 24			n.a.
S 24	20 31	3 26	3 18	22 20	1 55	18 21	4 30	11 45	0 46	7 53	0 59	23 25	0 18	5 5	0 43	9 35	1 57	2 9	11 55	19 14	19 5	26 25			n.a.
S 25	20 18	2n32	4 9	21 52	1 52	18 31	4 26	11 28	0 46	7 56	0 58	23 26	0 18	5 4	0 43	9 35	1 57	2 10	11 54	19 14	19 6	26 25			n.a.
M26	20 5	8 31	4 48	21 23	1 49	18 41	4 21	11 11	0 45	7 59	0 58	23 26	0 18	5 3	0 43	9 35	1 57	2 10	11 54	19 14	19 7	26 26			n.a.
T 27	19 51	14 12	5 11	20 51	1 45	18 51	4 16	10 54	0 44	8 2	0 58	23 26	0 18	5 2	0 43	9 35	1 57	2 10	11 54	19 14	19 7	26 26			n.a.
W28	19 37	19 17	5 17	20 18	1 40	19 0	4 11	10 37	0 44	8 4	0 58	23 26	0 18	5 1	0 43	9 35	1 57	2 10	11 53	19 14	19 8	26 27			n.a.
T 29	19 23	23 23	5 4	19 42	1 35	19 10	4 7	10 20	0 43	8 7	0 57	23 26	0 18	5 0	0 43	9 35	1 57	2 11	11 53	19 14	19 9	26 27			n.a.
F 30	19 8	26 6	4 31	19 5	1 29	19 19	4 2	10 2	0 42	8 10	0 57	23 26	0 18	4 59	0 43	9 35	1 57	2 11	11 53	19 14	19 10	26 28			n.a.
S 31	18s53	27n 6	3n41	18s26	1s23	19s28	3n57	9s45	0s42	8n13	0s57	23s26	0n18	4s58	0s43	9s35	1n57	2n11	11s52	19s14	19s11	26s28			n.a.

Julian Day Number = 1598333.5, Delta T = 04h00m46s
Ecliptic obliquity = 23°44'15, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'30, Lahiri = - 8°36'29 Julian Calendar 1 Jan. 337 BCE == Greg. Calendar 27 Dec. 338 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

FEBRUARY 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 22 45	7♒29'44	5♋42	14♒57	21♐29	7♓36	23♈16	29♐25	19♓17	29♎27	5♉ 7	5♒ 7	5♒16	10♐43	n.a.	S 1
M 2	8 26 41	8°29'46	20°21	16°53	22°23	8°20	23°24	29°32	19°20	29°27	5° 7	5° 7	5°12	10°50	n.a.	M 2
T 3	8 30 38	9°29'46	4♌53	18°48	23°19	9° 5	23°32	29°38	19°23	29°27	5° 7	5°R 7	5° 9	10°56	n.a.	T 3
W 4	8 34 34	10°29'44	19°11	20°43	24°15	9°50	23°40	29°44	19°26	29°R27	5° 8	5° 7	5° 6	11° 3	n.a.	W 4
T 5	8 38 31	11°29'39	3♍11	22°37	25°11	10°34	23°48	29°49	19°29	29°27	5° 8	5° 7	5° 3	11°10	n.a.	T 5
F 6	8 42 27	12°29'33	16°49	24°29	26° 8	11°19	23°56	29°55	19°32	29°27	5° 8	5° 6	5° 0	11°16	n.a.	F 6
S 7	8 46 24	13°29'25	0♎ 4	26°21	27° 5	12° 3	24° 4	0♑ 1	19°34	29°27	5° 9	5° 5	4°57	11°23	n.a.	S 7
S 8	8 50 20	14°29'15	12°57	28°10	28° 3	12°47	24°13	0° 7	19°37	29°27	5° 9	5° 4	4°53	11°30	n.a.	S 8
M 9	8 54 17	15°29'03	25°29	29°57	29° 2	13°32	24°22	0°13	19°40	29°27	5° 9	5° 3	4°50	11°37	n.a.	M 9
T 10	8 58 14	16°28'49	7♏44	1♓41	0♑ 0	14°16	24°30	0°18	19°43	29°26	5°10	5° 2	4°47	11°43	n.a.	T 10
W11	9 2 10	17°28'33	19°47	3°22	0°59	15° 0	24°39	0°24	19°46	29°26	5°10	5°D 2	4°44	11°50	n.a.	W11
T 12	9 6 7	18°28'16	1♐41	4°59	1°59	15°45	24°48	0°29	19°49	29°26	5°10	5° 2	4°41	11°57	n.a.	T 12
F 13	9 10 3	19°27'57	13°31	6°31	2°59	16°29	24°58	0°35	19°52	29°26	5°11	5° 3	4°37	12° 3	n.a.	F 13
S 14	9 14 0	20°27'36	25°23	7°59	3°59	17°13	25° 7	0°40	19°55	29°25	5°11	5° 5	4°34	12°10	n.a.	S 14
S 15	9 17 56	21°27'13	7♑20	9°22	5° 0	17°57	25°16	0°46	19°59	29°25	5°12	5° 6	4°31	12°17	n.a.	S 15
M16	9 21 53	22°26'48	19°26	10°39	6° 1	18°41	25°26	0°51	20° 2	29°25	5°12	5° 7	4°28	12°23	n.a.	M16
T 17	9 25 49	23°26'22	1♒45	11°49	7° 2	19°25	25°36	0°56	20° 5	29°24	5°13	5°R 8	4°25	12°30	n.a.	T 17
W18	9 29 46	24°25'53	14°18	12°53	8° 4	20° 9	25°45	1° 2	20° 8	29°24	5°13	5° 8	4°22	12°37	n.a.	W18
T 19	9 33 43	25°25'22	27° 6	13°50	9° 6	20°53	25°55	1° 7	20°11	29°23	5°14	5° 7	4°18	12°44	n.a.	T 19
F 20	9 37 39	26°24'48	10♓11	14°41	10° 8	21°37	26° 5	1°12	20°14	29°23	5°14	5° 4	4°15	12°50	n.a.	F 20
S 21	9 41 36	27°24'13	23°30	15°23	11°10	22°21	26°15	1°17	20°18	29°22	5°15	5° 1	4°12	12°57	n.a.	S 21
S 22	9 45 32	28°23'35	7♈ 3	15°59	12°13	23° 4	26°25	1°22	20°21	29°22	5°16	4°58	4° 9	13° 4	n.a.	S 22
M23	9 49 29	29°22'55	20°48	16°26	13°16	23°48	26°36	1°26	20°24	29°21	5°16	4°54	4° 6	13°10	n.a.	M23
T 24	9 53 25	0♓22'13	4♉42	16°46	14°19	24°32	26°46	1°31	20°27	29°21	5°17	4°51	4° 2	13°17	n.a.	T 24
W25	9 57 22	1°21'28	18°45	16°58	15°23	25°15	26°57	1°36	20°31	29°20	5°18	4°50	3°59	13°24	n.a.	W25
T 26	10 1 18	2°20'41	2♊53	17°R 3	16°27	25°59	27° 7	1°41	20°34	29°19	5°18	4°D49	3°56	13°30	n.a.	T 26
F 27	10 5 15	3°19'51	17° 5	17° 0	17°30	26°42	27°18	1°45	20°37	29°19	5°19	4°50	3°53	13°37	n.a.	F 27
S 28	10 9 12	4°18'59	1♋18	16°50	18°35	27°26	27°29	1°50	20°40	29°18	5°20	4°51	3°50	13°44	n.a.	S 28
S 29	10 13 8	5♓18'05	15♋32	16♓33	19♑39	28♓ 9	27♈40	1♑54	20♓44	29♎17	5♉20	4♒53	3♒47	13♐50	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s38	26n13	2n36	17s45	1s15	19s37	3n51	9s27	0s41	8n16	0s57	23s26	0n18	4s56	0s43	9s35	1n57	2n12	11s52	19s13	19s11	26s29		n.a.
M 2	18 22	23 31	1 21	17 3	1 8	19 45	3 46	9 10	0 40	8 20	0 56	23 26	0 18	4 55	0 42	9 35	1 57	2 12	11 52	19 13	19 12	26 29		n.a.
T 3	18 6	19 18	0 1	16 19	0 59	19 53	3 41	8 52	0 40	8 23	0 56	23 26	0 18	4 54	0 42	9 35	1 57	2 12	11 52	19 13	19 13	26 30		n.a.
W 4	17 50	14 2	1s17	15 33	0 50	20 1	3 36	8 35	0 39	8 26	0 56	23 27	0 18	4 53	0 42	9 35	1 57	2 13	11 51	19 13	19 14	26 30		n.a.
T 5	17 33	8 9	2 29	14 47	0 40	20 8	3 31	8 17	0 38	8 29	0 56	23 27	0 18	4 52	0 42	9 35	1 57	2 13	11 51	19 14	19 15	26 31		n.a.
F 6	17 16	2 2	3 31	13 59	0 30	20 16	3 25	7 59	0 38	8 33	0 55	23 27	0 18	4 51	0 42	9 35	1 58	2 14	11 51	19 14	19 15	26 31		n.a.
S 7	16 59	4s 0	4 20	13 11	0 19	20 22	3 20	7 42	0 37	8 36	0 55	23 27	0 18	4 50	0 42	9 35	1 58	2 14	11 50	19 14	19 16	26 32		n.a.
S 8	16 41	9 40	4 54	12 22	0 7	20 29	3 15	7 24	0 36	8 39	0 55	23 27	0 17	4 48	0 42	9 35	1 58	2 14	11 50	19 14	19 17	26 32		n.a.
M 9	16 24	14 48	5 12	11 33	0n 5	20 35	3 9	7 6	0 36	8 43	0 55	23 27	0 17	4 47	0 42	9 35	1 58	2 15	11 50	19 15	19 18	26 33		n.a.
T 10	16 6	19 14	5 16	10 44	0 17	20 41	3 4	6 48	0 35	8 46	0 54	23 27	0 17	4 46	0 42	9 35	1 58	2 15	11 50	19 15	19 18	26 33		n.a.
W11	15 47	22 48	5 6	9 56	0 30	20 46	2 58	6 30	0 34	8 50	0 54	23 27	0 17	4 45	0 42	9 34	1 58	2 15	11 49	19 15	19 19	26 33		n.a.
T 12	15 29	25 22	4 43	9 8	0 43	20 51	2 53	6 12	0 34	8 53	0 54	23 27	0 17	4 44	0 42	9 34	1 58	2 16	11 49	19 15	19 20	26 34		n.a.
F 13	15 10	26 49	4 8	8 21	0 57	20 55	2 47	5 54	0 33	8 57	0 54	23 27	0 17	4 42	0 42	9 34	1 58	2 16	11 49	19 14	19 21	26 34		n.a.
S 14	14 51	27 2	3 23	7 35	1 10	20 59	2 42	5 36	0 32	9 1	0 53	23 27	0 17	4 41	0 42	9 34	1 58	2 17	11 48	19 14	19 21	26 35		n.a.
S 15	14 32	25 59	2 28	6 52	1 24	21 2	2 36	5 18	0 32	9 4	0 53	23 27	0 17	4 40	0 42	9 34	1 58	2 17	11 48	19 14	19 22	26 35		n.a.
M16	14 12	23 43	1 26	6 10	1 38	21 5	2 31	5 0	0 31	9 8	0 53	23 27	0 17	4 39	0 42	9 34	1 58	2 17	11 48	19 13	19 23	26 35		n.a.
T 17	13 52	20 19	0 19	5 31	1 51	21 8	2 25	4 42	0 30	9 12	0 53	23 27	0 17	4 37	0 42	9 33	1 58	2 18	11 48	19 13	19 24	26 36		n.a.
W18	13 32	15 57	0n50	4 54	2 4	21 10	2 20	4 24	0 30	9 16	0 52	23 27	0 17	4 36	0 42	9 33	1 58	2 18	11 47	19 13	19 25	26 36		n.a.
T 19	13 12	10 47	1 58	4 20	2 17	21 11	2 15	4 6	0 29	9 19	0 52	23 27	0 17	4 35	0 42	9 33	1 58	2 19	11 47	19 14	19 25	26 36		n.a.
F 20	12 52	5 3	3 1	3 49	2 29	21 12	2 9	3 48	0 28	9 23	0 52	23 27	0 17	4 33	0 42	9 33	1 58	2 19	11 47	19 14	19 26	26 37		n.a.
S 21	12 31	0n59	3 56	3 22	2 40	21 12	2 4	3 30	0 27	9 27	0 52	23 27	0 17	4 32	0 42	9 33	1 58	2 20	11 47	19 15	19 27	26 37		n.a.
S 22	12 11	7 4	4 38	2 58	2 51	21 12	1 58	3 12	0 27	9 31	0 52	23 27	0 17	4 31	0 42	9 32	1 59	2 20	11 46	19 16	19 28	26 37		n.a.
M23	11 50	12 54	5 4	2 39	3 1	21 12	1 53	2 53	0 26	9 35	0 51	23 27	0 17	4 30	0 42	9 32	1 59	2 21	11 46	19 17	19 28	26 38		n.a.
T 24	11 29	18 10	5 14	2 23	3 10	21 11	1 47	2 35	0 25	9 39	0 51	23 27	0 17	4 28	0 42	9 32	1 59	2 21	11 46	19 17	19 29	26 38		n.a.
W25	11 8	22 29	5 5	2 11	3 18	21 9	1 42	2 17	0 25	9 43	0 51	23 27	0 17	4 27	0 42	9 32	1 59	2 21	11 46	19 18	19 30	26 38		n.a.
T 26	10 46	25 31	4 37	2 3	3 24	21 7	1 37	1 59	0 24	9 47	0 51	23 27	0 16	4 26	0 42	9 31	1 59	2 22	11 45	19 18	19 31	26 39		n.a.
F 27	10 25	26 57	3 53	2 0	3 29	21 4	1 32	1 41	0 23	9 51	0 51	23 27	0 16	4 24	0 42	9 31	1 59	2 22	11 45	19 18	19 31	26 39		n.a.
S 28	10 3	26 38	2 54	2 0	3 33	21 0	1 26	1 23	0 23	9 55	0 50	23 27	0 16	4 23	0 42	9 31	1 59	2 23	11 45	19 17	19 32	26 39		n.a.
S 29	9s41	24n33	1n44	2s 5	3n35	20s57	1n21	1s 5	0s22	10n 0	0s50	23s27	0n16	4s22	0s42	9s30	1n59	2n23	11s44	19s17	19s33	26s39		n.a.

Julian Day Number = 1598364.5, Delta T = 04h00m45s
Ecliptic obliquity = 23°44'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'26, Lahiri = - 8°36'25 Julian Calendar 1 Feb. 337 BCE == Greg. Calendar 27 Jan. 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

MARCH 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 17 5	6♓17'08	29♋42	16°R10	20♑44	28♓53	27♈51	1♑58	20♓47	29°R16	5♉21	4°R53	3♒43	13♐57	n.a.	M 1
T 2	10 21 1	7°16'08	13♌46	15♓41	21°48	29°36	28° 2	2° 3	20°50	29♎15	5°22	4♒53	3°40	14° 4	n.a.	T 2
W 3	10 24 58	8°15'07	27°41	15° 7	22°53	0♈19	28°13	2° 7	20°54	29°15	5°23	4°52	3°37	14°11	n.a.	W 3
T 4	10 28 54	9°14'03	11♍23	14°29	23°59	1° 3	28°24	2°11	20°57	29°14	5°24	4°48	3°34	14°17	n.a.	T 4
F 5	10 32 51	10°12'57	24°49	13°47	25° 4	1°46	28°36	2°15	21° 1	29°13	5°24	4°43	3°31	14°24	n.a.	F 5
S 6	10 36 47	11°11'49	7♎57	13° 3	26°10	2°29	28°47	2°19	21° 4	29°12	5°25	4°37	3°28	14°31	n.a.	S 6
S 7	10 40 44	12°10'39	20°47	12°16	27°15	3°12	28°59	2°23	21° 7	29°11	5°26	4°31	3°24	14°37	n.a.	S 7
M 8	10 44 40	13° 9'27	3♏19	11°29	28°21	3°55	29°10	2°27	21°11	29°10	5°27	4°25	3°21	14°44	n.a.	M 8
T 9	10 48 37	14° 8'13	15°35	10°42	29°27	4°38	29°22	2°30	21°14	29° 9	5°28	4°20	3°18	14°51	n.a.	T 9
W10	10 52 34	15° 6'58	27°38	9°57	0♒34	5°21	29°34	2°34	21°18	29° 8	5°29	4°16	3°15	14°57	n.a.	W10
T 11	10 56 30	16° 5'40	9♐33	9°12	1°40	6° 4	29°45	2°38	21°21	29° 7	5°30	4°14	3°12	15° 4	n.a.	T 11
F 12	11 0 27	17° 4'21	21°24	8°31	2°47	6°47	29°57	2°41	21°24	29° 6	5°31	4°D14	3° 8	15°11	n.a.	F 12
S 13	11 4 23	18° 3'00	3♑16	7°52	3°53	7°29	0♉ 9	2°44	21°28	29° 5	5°32	4°15	3° 5	15°17	n.a.	S 13
S 14	11 8 20	19° 1'37	15°14	7°18	5° 0	8°12	0°21	2°48	21°31	29° 4	5°33	4°17	3° 2	15°24	n.a.	S 14
M15	11 12 16	20° 0'13	27°24	6°47	6° 7	8°55	0°33	2°51	21°35	29° 2	5°34	4°18	2°59	15°31	n.a.	M15
T 16	11 16 13	20°58'47	9♒48	6°21	7°14	9°37	0°46	2°54	21°38	29° 1	5°35	4°R18	2°56	15°37	n.a.	T 16
W17	11 20 9	21°57'18	22°32	6° 0	8°21	10°20	0°58	2°57	21°42	29° 0	5°36	4°16	2°53	15°44	n.a.	W17
T 18	11 24 6	22°55'48	5♓36	5°44	9°29	11° 3	1°10	3° 0	21°45	28°59	5°37	4°12	2°49	15°51	n.a.	T 18
F 19	11 28 3	23°54'16	19° 1	5°32	10°36	11°45	1°22	3° 3	21°48	28°58	5°38	4° 7	2°46	15°58	n.a.	F 19
S 20	11 31 59	24°52'42	2♈45	5°26	11°44	12°28	1°35	3° 6	21°52	28°56	5°39	3°59	2°43	16° 4	n.a.	S 20
S 21	11 35 56	25°51'06	16°46	5°D25	12°52	13°10	1°47	3° 8	21°55	28°55	5°40	3°51	2°40	16°11	n.a.	S 21
M22	11 39 52	26°49'28	0♉58	5°29	13°59	13°52	2° 0	3°11	21°59	28°54	5°41	3°42	2°37	16°18	n.a.	M22
T 23	11 43 49	27°47'48	15°17	5°38	15° 7	14°35	2°13	3°14	22° 2	28°52	5°42	3°35	2°34	16°24	n.a.	T 23
W24	11 47 45	28°46'06	29°37	5°52	16°15	15°17	2°25	3°16	22° 5	28°51	5°43	3°30	2°30	16°31	n.a.	W24
T 25	11 51 42	29°44'21	13♊54	6°11	17°24	15°59	2°38	3°18	22° 9	28°50	5°44	3°26	2°27	16°38	n.a.	T 25
F 26	11 55 38	0♈42'35	28° 6	6°34	18°32	16°42	2°51	3°21	22°12	28°48	5°46	3°D25	2°24	16°44	n.a.	F 26
S 27	11 59 35	1°40'46	12♋10	7° 1	19°40	17°24	3° 3	3°23	22°16	28°47	5°47	3°26	2°21	16°51	n.a.	S 27
S 28	12 3 31	2°38'56	26° 6	7°33	20°48	18° 6	3°16	3°25	22°19	28°46	5°48	3°R26	2°18	16°58	n.a.	S 28
M29	12 7 28	3°37'03	9♌54	8° 8	21°57	18°48	3°29	3°27	22°22	28°44	5°49	3°26	2°14	17° 4	n.a.	M29
T 30	12 11 25	4°35'08	23°33	8°48	23° 6	19°30	3°42	3°29	22°26	28°43	5°50	3°25	2°11	17°11	n.a.	T 30
W31	12 15 21	5♈33'11	7♍ 2	9♓31	24♒14	20♈12	3♉55	3♑30	22♓29	28♎41	5♉51	3♒20	2♒ 8	17♐18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	9s19	20n56	0n28	2s13	3n35	20s52	1n16	0s47	0s21	10n 4	0s50	23s27	0n16	4s20	0s42	9s30	1n59	2n24	11s44	19s17	19s34	26s40			n.a.
T 2	8 57	16 8	0s48	2 26	3 34	20 47	1 11	0 29	0 21	10 8	0 50	23 27	0 16	4 19	0 42	9 30	1 59	2 24	11 44	19 17	19 34	26 40			n.a.
W 3	8 35	10 32	2 1	2 41	3 31	20 41	1 6	0 11	0 20	10 12	0 50	23 27	0 16	4 18	0 42	9 29	1 59	2 25	11 44	19 17	19 35	26 40			n.a.
T 4	8 12	4 31	3 6	3 1	3 27	20 35	1 1	0n 7	0 19	10 16	0 49	23 27	0 16	4 16	0 42	9 29	1 59	2 25	11 43	19 18	19 36	26 41			n.a.
F 5	7 50	1s34	3 59	3 23	3 20	20 29	0 55	0 25	0 19	10 21	0 49	23 27	0 16	4 15	0 42	9 29	1 59	2 26	11 43	19 19	19 37	26 41			n.a.
S 6	7 27	7 26	4 38	3 47	3 13	20 21	0 51	0 43	0 18	10 25	0 49	23 27	0 16	4 13	0 42	9 28	1 59	2 26	11 43	19 21	19 37	26 41			n.a.
S 7	7 5	12 51	5 2	4 13	3 3	20 13	0 46	1 1	0 18	10 29	0 49	23 27	0 16	4 12	0 42	9 28	1 59	2 27	11 43	19 22	19 38	26 41			n.a.
M 8	6 42	17 37	5 10	4 41	2 52	20 5	0 41	1 19	0 17	10 34	0 49	23 27	0 16	4 11	0 42	9 27	1 59	2 27	11 43	19 24	19 39	26 41			n.a.
T 9	6 19	21 33	5 4	5 10	2 40	19 56	0 36	1 37	0 16	10 38	0 48	23 27	0 16	4 9	0 42	9 27	1 59	2 28	11 42	19 25	19 40	26 42			n.a.
W10	5 56	24 30	4 45	5 40	2 27	19 46	0 31	1 55	0 16	10 42	0 48	23 27	0 16	4 8	0 42	9 27	1 59	2 28	11 42	19 26	19 40	26 42			n.a.
T 11	5 33	26 20	4 14	6 10	2 13	19 36	0 26	2 13	0 15	10 47	0 48	23 27	0 16	4 7	0 42	9 26	1 59	2 29	11 42	19 26	19 41	26 42			n.a.
F 12	5 10	26 58	3 31	6 39	1 58	19 26	0 22	2 30	0 14	10 51	0 48	23 27	0 16	4 5	0 42	9 26	2 0	2 29	11 42	19 26	19 42	26 42			n.a.
S 13	4 47	26 22	2 40	7 8	1 43	19 15	0 17	2 48	0 14	10 55	0 48	23 27	0 16	4 4	0 42	9 25	2 0	2 30	11 41	19 26	19 43	26 42			n.a.
S 14	4 24	24 32	1 41	7 36	1 27	19 3	0 13	3 6	0 13	11 0	0 48	23 27	0 16	4 3	0 42	9 25	2 0	2 30	11 41	19 26	19 43	26 43			n.a.
M15	4 0	21 33	0 37	8 2	1 11	18 51	0 8	3 23	0 12	11 4	0 47	23 27	0 15	4 1	0 42	9 24	2 0	2 31	11 41	19 25	19 44	26 43			n.a.
T 16	3 37	17 32	0n30	8 27	0 55	18 38	0 4	3 41	0 12	11 9	0 47	23 27	0 15	4 0	0 42	9 24	2 0	2 31	11 41	19 25	19 45	26 43			n.a.
W17	3 14	12 39	1 37	8 50	0 39	18 24	0s 0	3 58	0 11	11 13	0 47	23 27	0 15	3 58	0 42	9 23	2 0	2 32	11 41	19 26	19 46	26 43			n.a.
T 18	2 50	7 5	2 41	9 10	0 23	18 11	0 5	4 16	0 10	11 18	0 47	23 27	0 15	3 57	0 42	9 23	2 0	2 33	11 40	19 27	19 46	26 43			n.a.
F 19	2 27	1 5	3 37	9 29	0 7	17 56	0 9	4 33	0 10	11 22	0 47	23 27	0 15	3 56	0 42	9 23	2 0	2 33	11 40	19 28	19 47	26 43			n.a.
S 20	2 4	5n 6	4 22	9 45	0s 8	17 41	0 13	4 51	0 9	11 27	0 46	23 27	0 15	3 54	0 42	9 22	2 0	2 34	11 40	19 30	19 48	26 43			n.a.
S 21	1 40	11 9	4 53	9 59	0 22	17 26	0 17	5 8	0 8	11 31	0 46	23 27	0 15	3 53	0 42	9 22	2 0	2 34	11 40	19 32	19 49	26 44			n.a.
M22	1 17	16 43	5 6	10 11	0 36	17 10	0 21	5 25	0 8	11 36	0 46	23 27	0 15	3 52	0 42	9 21	2 0	2 35	11 40	19 34	19 49	26 44			n.a.
T 23	0 53	21 23	5 0	10 20	0 50	16 54	0 25	5 42	0 7	11 40	0 46	23 27	0 15	3 50	0 42	9 21	2 0	2 35	11 39	19 36	19 50	26 44			n.a.
W24	0 30	24 47	4 35	10 26	1 3	16 37	0 29	6 0	0 6	11 45	0 46	23 27	0 15	3 49	0 42	9 20	2 0	2 36	11 39	19 37	19 51	26 44			n.a.
T 25	0 6	26 37	3 53	10 31	1 15	16 20	0 32	6 17	0 6	11 49	0 46	23 27	0 15	3 47	0 42	9 20	2 0	2 36	11 39	19 38	19 51	26 44			n.a.
F 26	0n17	26 41	2 57	10 33	1 26	16 2	0 36	6 34	0 5	11 54	0 46	23 27	0 15	3 46	0 42	9 19	2 0	2 37	11 39	19 38	19 52	26 44			n.a.
S 27	0 41	25 1	1 51	10 32	1 37	15 44	0 40	6 51	0 5	11 58	0 45	23 27	0 15	3 45	0 42	9 19	2 0	2 37	11 39	19 38	19 53	26 44			n.a.
S 28	1 4	21 50	0 39	10 30	1 47	15 25	0 43	7 7	0 4	12 3	0 45	23 27	0 15	3 43	0 42	9 18	2 0	2 38	11 38	19 38	19 54	26 44			n.a.
M29	1 27	17 26	0s35	10 25	1 56	15 6	0 46	7 24	0 3	12 8	0 45	23 27	0 15	3 42	0 42	9 17	2 0	2 38	11 38	19 38	19 54	26 44			n.a.
T 30	1 51	12 11	1 45	10 18	2 5	14 46	0 50	7 41	0 3	12 12	0 45	23 27	0 15	3 41	0 42	9 17	2 0	2 39	11 38	19 38	19 55	26 44			n.a.
W31	2n14	6n25	2s49	10s 8	2s13	14s26	0s53	7n57	0s 2	12n17	0s45	23s27	0n15	3s39	0s42	9s16	2n 0	2n39	11s38	19s39	19s56	26s44			n.a.

Julian Day Number = 1598393.5, Delta T = 04h00m44s
Ecliptic obliquity = 23°44'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'22, Lahiri = - 8°36'21 Julian Calendar 1 March 337 BCE == Greg. Calendar 25 Feb. 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

APRIL 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 19 18	6♈31'12	20♍20	10♓18	25♒23	20♈54	4♉ 8	3♊32	22♓33	28°R40	5♉53	3°R14	2♒ 5	17♐24	n.a.	T 1
F 2	12 23 14	7°29'11	3♎26	11° 8	26°32	21°36	4°21	3°34	22°36	28♎38	5°54	3♒ 4	2° 2	17°31	n.a.	F 2
S 3	12 27 11	8°27'08	16°19	12° 2	27°41	22°17	4°35	3°35	22°39	28°37	5°55	2°54	1°59	17°38	n.a.	S 3
S 4	12 31 7	9°25'04	28°58	12°58	28°50	22°59	4°48	3°36	22°43	28°35	5°56	2°42	1°55	17°45	n.a.	S 4
M 5	12 35 4	10°22'58	11♏23	13°58	29°59	23°41	5° 1	3°38	22°46	28°34	5°58	2°31	1°52	17°51	n.a.	M 5
T 6	12 39 0	11°20'51	23°35	15° 1	1♓ 8	24°23	5°14	3°39	22°49	28°32	5°59	2°21	1°49	17°58	n.a.	T 6
W 7	12 42 57	12°18'42	5♐36	16° 6	2°17	25° 4	5°27	3°40	22°52	28°31	6° 0	2°13	1°46	18° 5	n.a.	W 7
T 8	12 46 54	13°16'32	17°29	17°14	3°27	25°46	5°41	3°41	22°56	28°29	6° 1	2° 7	1°43	18°11	n.a.	T 8
F 9	12 50 50	14°14'21	29°19	18°25	4°36	26°27	5°54	3°42	22°59	28°28	6° 3	2° 4	1°39	18°18	n.a.	F 9
S 10	12 54 47	15°12'08	11♑10	19°39	5°45	27° 9	6° 8	3°43	23° 2	28°26	6° 4	2°D 3	1°36	18°25	n.a.	S 10
S 11	12 58 43	16° 9'54	23° 7	20°55	6°55	27°50	6°21	3°43	23° 5	28°25	6° 5	2° 3	1°33	18°31	n.a.	S 11
M12	13 2 40	17° 7'39	5♒17	22°13	8° 5	28°32	6°34	3°44	23° 9	28°23	6° 7	2°R 4	1°30	18°38	n.a.	M12
T 13	13 6 36	18° 5'23	17°43	23°34	9°14	29°13	6°48	3°45	23°12	28°21	6° 8	2° 3	1°27	18°45	n.a.	T 13
W14	13 10 33	19° 3'05	0♓31	24°57	10°24	29°54	7° 1	3°45	23°15	28°20	6° 9	2° 0	1°24	18°51	n.a.	W14
T 15	13 14 29	20° 0'46	13°43	26°23	11°34	0♉36	7°15	3°45	23°18	28°18	6°11	1°55	1°20	18°58	n.a.	T 15
F 16	13 18 26	20°58'26	27°21	27°51	12°44	1°17	7°29	3°46	23°21	28°17	6°12	1°47	1°17	19° 5	n.a.	F 16
S 17	13 22 23	21°56'04	11♈24	29°21	13°54	1°58	7°42	3°46	23°24	28°15	6°13	1°37	1°14	19°11	n.a.	S 17
S 18	13 26 19	22°53'41	25°47	0♈54	15° 4	2°39	7°56	3°R46	23°28	28°13	6°15	1°25	1°11	19°18	n.a.	S 18
M19	13 30 16	23°51'17	10♉25	2°28	16°14	3°20	8° 9	3°46	23°31	28°12	6°16	1°14	1° 8	19°25	n.a.	M19
T 20	13 34 12	24°48'52	25°10	4° 5	17°24	4° 2	8°23	3°45	23°34	28°10	6°17	1° 4	1° 5	19°31	n.a.	T 20
W21	13 38 9	25°46'25	9♊53	5°45	18°34	4°43	8°37	3°45	23°37	28° 9	6°19	0°57	1° 1	19°38	n.a.	W21
T 22	13 42 5	26°43'57	24°28	7°26	19°44	5°24	8°50	3°45	23°40	28° 7	6°20	0°52	0°58	19°45	n.a.	T 22
F 23	13 46 2	27°41'27	8♋51	9°10	20°54	6° 5	9° 4	3°44	23°43	28° 5	6°21	0°49	0°55	19°51	n.a.	F 23
S 24	13 49 58	28°38'56	22°58	10°56	22° 5	6°46	9°18	3°44	23°46	28° 4	6°23	0°48	0°52	19°58	n.a.	S 24
S 25	13 53 55	29°36'23	6♌50	12°44	23°15	7°26	9°32	3°43	23°49	28° 2	6°24	0°48	0°49	20° 5	n.a.	S 25
M26	13 57 52	0♉33'49	20°26	14°34	24°26	8° 7	9°45	3°42	23°51	28° 0	6°25	0°48	0°45	20°11	n.a.	M26
T 27	14 1 48	1°31'13	3♍48	16°26	25°36	8°48	9°59	3°42	23°54	27°59	6°27	0°45	0°42	20°18	n.a.	T 27
W28	14 5 45	2°28'36	16°57	18°21	26°46	9°29	10°13	3°41	23°57	27°57	6°28	0°40	0°39	20°25	n.a.	W28
T 29	14 9 41	3°25'58	29°54	20°18	27°57	10° 9	10°27	3°40	24° 0	27°56	6°29	0°32	0°36	20°32	n.a.	T 29
F 30	14 13 38	4♉23'18	12♎40	22♈16	29♓ 8	10♉50	10♉41	3♊38	24♓ 3	27♎54	6♉31	0♒22	0♒33	20♐38	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n37	0n28	3s43	9s57	2s20	14s 6	0s56	8n14	0s 1	12n21	0s45	23s27	0n15	3s38	0s42	9s16	2n 0	2n40	11s38	19s41	19s57	26s44		n.a.
F 2	3 0	5s24	4 24	9 44	2 26	13 45	0 59	8 30	0 1	12 26	0 45	23 27	0 14	3 37	0 42	9 15	2 0	2 41	11 38	19 43	19 57	26 44		n.a.
S 3	3 24	10 57	4 50	9 28	2 32	13 24	1 2	8 47	0 0	12 31	0 44	23 27	0 14	3 35	0 42	9 15	2 0	2 41	11 38	19 45	19 58	26 44		n.a.
S 4	3 47	15 56	5 2	9 11	2 37	13 3	1 5	9 3	0n 0	12 35	0 44	23 27	0 14	3 34	0 42	9 14	2 0	2 42	11 37	19 48	19 59	26 44		n.a.
M 5	4 10	20 9	4 59	8 51	2 41	12 41	1 8	9 19	0 1	12 40	0 44	23 27	0 14	3 33	0 42	9 14	2 0	2 42	11 37	19 51	19 59	26 44		n.a.
T 6	4 33	23 27	4 42	8 30	2 45	12 18	1 11	9 35	0 2	12 44	0 44	23 27	0 14	3 31	0 42	9 13	2 0	2 43	11 37	19 53	20 0	26 44		n.a.
W 7	4 55	25 39	4 13	8 7	2 48	11 56	1 13	9 51	0 2	12 49	0 44	23 27	0 14	3 30	0 42	9 12	2 0	2 43	11 37	19 55	20 1	26 44		n.a.
T 8	5 18	26 41	3 33	7 42	2 50	11 33	1 16	10 7	0 3	12 54	0 44	23 27	0 14	3 29	0 42	9 12	2 0	2 44	11 37	19 56	20 2	26 44		n.a.
F 9	5 41	26 29	2 45	7 15	2 51	11 9	1 18	10 23	0 4	12 58	0 44	23 27	0 14	3 28	0 42	9 11	2 0	2 44	11 37	19 57	20 2	26 44		n.a.
S 10	6 4	25 4	1 49	6 47	2 52	10 46	1 21	10 39	0 4	13 3	0 43	23 27	0 14	3 26	0 42	9 11	2 0	2 45	11 37	19 57	20 3	26 44		n.a.
S 11	6 26	22 30	0 47	6 17	2 53	10 22	1 23	10 55	0 5	13 7	0 43	23 27	0 14	3 25	0 42	9 10	2 0	2 45	11 36	19 57	20 4	26 44		n.a.
M12	6 49	18 55	0n17	5 45	2 52	9 58	1 25	11 10	0 5	13 12	0 43	23 27	0 14	3 24	0 42	9 10	2 0	2 46	11 36	19 57	20 4	26 44		n.a.
T 13	7 11	14 25	1 22	5 12	2 51	9 33	1 27	11 26	0 6	13 17	0 43	23 27	0 14	3 22	0 42	9 9	2 0	2 46	11 36	19 57	20 5	26 44		n.a.
W14	7 33	9 11	2 25	4 37	2 50	9 8	1 29	11 41	0 7	13 21	0 43	23 27	0 14	3 21	0 42	9 8	2 0	2 47	11 36	19 58	20 6	26 44		n.a.
T 15	7 55	3 23	3 22	4 1	2 47	8 43	1 31	11 56	0 7	13 26	0 43	23 27	0 14	3 20	0 42	9 8	2 0	2 47	11 36	19 59	20 7	26 44		n.a.
F 16	8 17	2n44	4 9	3 23	2 45	8 18	1 33	12 11	0 8	13 30	0 43	23 27	0 14	3 19	0 42	9 7	2 0	2 48	11 36	20 1	20 7	26 44		n.a.
S 17	8 39	8 53	4 42	2 43	2 41	7 52	1 35	12 26	0 8	13 35	0 43	23 27	0 14	3 17	0 42	9 7	2 0	2 48	11 36	20 3	20 8	26 44		n.a.
S 18	9 1	14 43	4 59	2 2	2 37	7 26	1 37	12 41	0 9	13 39	0 42	23 27	0 14	3 16	0 42	9 6	2 0	2 49	11 36	20 5	20 9	26 44		n.a.
M19	9 22	19 49	4 57	1 20	2 33	7 0	1 38	12 56	0 10	13 44	0 42	23 28	0 13	3 15	0 42	9 6	2 0	2 50	11 36	20 8	20 9	26 44		n.a.
T 20	9 44	23 44	4 35	0 36	2 28	6 34	1 40	13 11	0 10	13 49	0 42	23 28	0 13	3 14	0 42	9 5	2 0	2 50	11 36	20 10	20 10	26 44		n.a.
W21	10 5	26 4	3 55	0n 9	2 22	6 7	1 41	13 25	0 11	13 53	0 42	23 28	0 13	3 13	0 42	9 4	2 0	2 51	11 35	20 12	20 11	26 43		n.a.
T 22	10 26	26 36	2 59	0 55	2 16	5 41	1 42	13 40	0 11	13 58	0 42	23 28	0 13	3 11	0 42	9 4	2 0	2 51	11 35	20 13	20 11	26 43		n.a.
F 23	10 47	25 19	1 53	1 42	2 9	5 14	1 44	13 54	0 12	14 2	0 42	23 28	0 13	3 10	0 42	9 3	2 0	2 52	11 35	20 13	20 12	26 43		n.a.
S 24	11 8	22 26	0 41	2 31	2 2	4 47	1 45	14 8	0 12	14 7	0 42	23 28	0 13	3 9	0 42	9 3	2 0	2 52	11 35	20 14	20 13	26 43		n.a.
S 25	11 28	18 17	0s32	3 21	1 54	4 20	1 46	14 22	0 13	14 11	0 42	23 28	0 13	3 8	0 42	9 2	2 0	2 53	11 35	20 14	20 14	26 43		n.a.
M26	11 49	13 15	1 42	4 11	1 46	3 52	1 47	14 36	0 14	14 16	0 42	23 28	0 13	3 7	0 42	9 1	2 0	2 53	11 35	20 14	20 14	26 43		n.a.
T 27	12 9	7 41	2 45	5 3	1 37	3 25	1 47	14 50	0 14	14 20	0 41	23 28	0 13	3 6	0 42	9 1	2 0	2 54	11 35	20 14	20 15	26 43		n.a.
W28	12 29	1 53	3 38	5 55	1 28	2 57	1 48	15 4	0 15	14 25	0 41	23 28	0 13	3 4	0 42	9 0	2 0	2 54	11 35	20 15	20 16	26 42		n.a.
T 29	12 49	3s54	4 19	6 49	1 19	2 29	1 49	15 17	0 15	14 29	0 41	23 28	0 13	3 3	0 42	9 0	2 0	2 54	11 35	20 17	20 16	26 42		n.a.
F 30	13n 8	9s26	4s46	7n43	1s 9	2s 1	1s50	15n31	0n16	14n34	0s41	23s28	0n13	3s 2	0s42	8s59	2n 0	2n55	11s35	20s19	20s17	26s42		n.a.

Julian Day Number = 1598424.5, Delta T = 04h00m43s
Ecliptic obliquity = 23°44'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'17, Lahiri = - 8°36'17 Julian Calendar 1 Apr. 337 BCE == Greg. Calendar 27 March 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

MAY 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 17 34	5♉20'38	25♎15	24♈17	0♈18	11♉31	10♉54	3°R37	24♓ 6	27°R52	6♉32	0°R 9	0♒30	20♐45	n.a.	S 1
S 2	14 21 31	6°17'56	7♏39	26°20	1°29	12°11	11° 8	3♑36	24° 8	27♎51	6°34	29♑56	0°26	20°52	n.a.	S 2
M 3	14 25 27	7°15'14	19°53	28°24	2°40	12°52	11°22	3°35	24°11	27°49	6°35	29°43	0°23	20°58	n.a.	M 3
T 4	14 29 24	8°12'31	1♐57	0♉30	3°50	13°32	11°36	3°33	24°14	27°48	6°36	29°32	0°20	21° 5	n.a.	T 4
W 5	14 33 21	9° 9'47	13°53	2°38	5° 1	14°13	11°50	3°31	24°16	27°46	6°38	29°22	0°17	21°12	n.a.	W 5
T 6	14 37 17	10° 7'02	25°44	4°47	6°12	14°53	12° 3	3°30	24°19	27°44	6°39	29°16	0°14	21°18	n.a.	T 6
F 7	14 41 14	11° 4'17	7♑32	6°57	7°23	15°34	12°17	3°28	24°22	27°43	6°40	29°12	0°11	21°25	n.a.	F 7
S 8	14 45 10	12° 1'31	19°22	9° 8	8°34	16°14	12°31	3°26	24°24	27°41	6°42	29°10	0° 7	21°32	n.a.	S 8
S 9	14 49 7	12°58'45	1♒18	11°19	9°45	16°54	12°45	3°24	24°27	27°40	6°43	29°D10	0° 4	21°38	n.a.	S 9
M10	14 53 3	13°55'58	13°26	13°31	10°56	17°35	12°59	3°22	24°29	27°38	6°45	29°R10	0° 1	21°45	n.a.	M10
T 11	14 57 0	14°53'11	25°51	15°42	12° 7	18°15	13°13	3°20	24°32	27°37	6°46	29° 9	29♑58	21°52	n.a.	T 11
W12	15 0 56	15°50'23	8♓38	17°54	13°18	18°55	13°26	3°18	24°34	27°35	6°47	29° 7	29°55	21°58	n.a.	W12
T 13	15 4 53	16°47'35	21°51	20° 5	14°30	19°35	13°40	3°16	24°37	27°34	6°49	29° 3	29°51	22° 5	n.a.	T 13
F 14	15 8 50	17°44'47	5♈32	22°15	15°41	20°15	13°54	3°13	24°39	27°32	6°50	28°56	29°48	22°12	n.a.	F 14
S 15	15 12 46	18°41'58	19°42	24°24	16°52	20°56	14° 8	3°11	24°41	27°31	6°51	28°48	29°45	22°18	n.a.	S 15
S 16	15 16 43	19°39'10	4♉17	26°33	18° 3	21°36	14°22	3° 8	24°44	27°29	6°53	28°38	29°42	22°25	n.a.	S 16
M17	15 20 39	20°36'20	19°10	28°39	19°15	22°16	14°35	3° 6	24°46	27°28	6°54	28°28	29°39	22°32	n.a.	M17
T 18	15 24 36	21°33'31	4♊14	0♊44	20°26	22°56	14°49	3° 3	24°48	27°26	6°55	28°19	29°36	22°38	n.a.	T 18
W19	15 28 32	22°30'41	19°18	2°48	21°38	23°36	15° 3	3° 0	24°50	27°25	6°57	28°12	29°32	22°45	n.a.	W19
T 20	15 32 29	23°27'50	4♋13	4°50	22°49	24°16	15°17	2°57	24°52	27°23	6°58	28° 8	29°29	22°52	n.a.	T 20
F 21	15 36 25	24°24'59	18°52	6°49	24° 1	24°56	15°30	2°54	24°55	27°22	6°59	28° 6	29°26	22°58	n.a.	F 21
S 22	15 40 22	25°22'07	3♌11	8°47	25°12	25°35	15°44	2°51	24°57	27°21	7° 1	28°D 6	29°23	23° 5	n.a.	S 22
S 23	15 44 19	26°19'15	17° 8	10°43	26°24	26°15	15°58	2°48	24°59	27°19	7° 2	28° 6	29°20	23°12	n.a.	S 23
M24	15 48 15	27°16'22	0♍43	12°37	27°35	26°55	16°12	2°45	25° 1	27°18	7° 3	28°R 6	29°17	23°18	n.a.	M24
T 25	15 52 12	28°13'29	13°59	14°28	28°47	27°35	16°25	2°42	25° 3	27°17	7° 5	28° 5	29°13	23°25	n.a.	T 25
W26	15 56 8	29°10'35	26°57	16°17	29°59	28°14	16°39	2°39	25° 5	27°15	7° 6	28° 2	29°10	23°32	n.a.	W26
T 27	16 0 5	0♊ 7'40	9♎40	18° 5	1♉10	28°54	16°52	2°35	25° 6	27°14	7° 7	27°56	29° 7	23°38	n.a.	T 27
F 28	16 4 1	1° 4'45	22°11	19°50	2°22	29°34	17° 6	2°32	25° 8	27°13	7° 8	27°49	29° 4	23°45	n.a.	F 28
S 29	16 7 58	2° 1'51	4♏31	21°33	3°34	0♊13	17°20	2°29	25°10	27°11	7°10	27°39	29° 1	23°52	n.a.	S 29
S 30	16 11 55	2°58'56	16°41	23°13	4°46	0°53	17°33	2°25	25°12	27°10	7°11	27°29	28°57	23°58	n.a.	S 30
M31	16 15 51	3♊56'01	28♏44	24♊52	5♉58	1♊33	17♉47	2♑21	25♓13	27♎ 9	7♉12	27♑20	28♑54	24♐ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n28	14s31	4s59	8n37	0s59	1s33	1s50	15n44	0n17	14n38	0s41	23s29	0n13	3s 1	0s42	8s59	2n 0	2n55	11s35	20s22	20s18	26s42		n.a.
S 2	13 47	18 54	4 57	9 32	0 49	1 5	1 50	15 57	0 17	14 42	0 41	23 29	0 13	3 0	0 42	8 58	2 0	2 56	11 35	20 25	20 18	26 42		n.a.
M 3	14 6	22 27	4 42	10 27	0 38	0 37	1 51	16 10	0 18	14 47	0 41	23 29	0 13	2 59	0 42	8 57	2 0	2 56	11 35	20 28	20 19	26 41		n.a.
T 4	14 25	24 57	4 14	11 22	0 28	0 9	1 51	16 23	0 18	14 51	0 41	23 29	0 12	2 58	0 42	8 57	2 0	2 57	11 35	20 30	20 20	26 41		n.a.
W 5	14 44	26 19	3 35	12 16	0 17	0n19	1 51	16 36	0 19	14 56	0 41	23 29	0 12	2 57	0 42	8 56	2 0	2 57	11 35	20 32	20 21	26 41		n.a.
T 6	15 2	26 27	2 47	13 11	0 6	0 48	1 51	16 49	0 19	15 0	0 41	23 29	0 12	2 56	0 42	8 56	2 0	2 58	11 35	20 34	20 21	26 41		n.a.
F 7	15 20	25 23	1 52	14 4	0n 4	1 16	1 51	17 1	0 20	15 4	0 40	23 29	0 12	2 55	0 42	8 55	2 0	2 58	11 35	20 34	20 22	26 40		n.a.
S 8	15 38	23 10	0 52	14 57	0 15	1 44	1 51	17 14	0 20	15 9	0 40	23 29	0 12	2 54	0 42	8 55	2 0	2 59	11 35	20 35	20 23	26 40		n.a.
S 9	15 56	19 56	0n11	15 49	0 25	2 13	1 51	17 26	0 21	15 13	0 40	23 29	0 12	2 53	0 42	8 54	2 0	2 59	11 35	20 35	20 23	26 40		n.a.
M10	16 13	15 48	1 15	16 39	0 36	2 41	1 51	17 38	0 22	15 17	0 40	23 30	0 12	2 52	0 42	8 54	2 0	3 0	11 35	20 35	20 24	26 40		n.a.
T 11	16 30	10 55	2 17	17 28	0 45	3 9	1 50	17 50	0 22	15 22	0 40	23 30	0 12	2 51	0 42	8 53	2 0	3 0	11 35	20 35	20 25	26 39		n.a.
W12	16 47	5 27	3 13	18 15	0 55	3 38	1 50	18 2	0 23	15 26	0 40	23 30	0 12	2 50	0 42	8 53	2 0	3 0	11 35	20 35	20 25	26 39		n.a.
T 13	17 4	0n25	4 2	19 0	1 4	4 6	1 50	18 13	0 23	15 30	0 40	23 30	0 12	2 49	0 42	8 52	2 0	3 1	11 35	20 36	20 26	26 39		n.a.
F 14	17 20	6 28	4 38	19 43	1 12	4 34	1 49	18 25	0 24	15 34	0 40	23 30	0 12	2 48	0 43	8 51	2 0	3 1	11 35	20 38	20 27	26 39		n.a.
S 15	17 36	12 24	4 59	20 24	1 20	5 3	1 48	18 36	0 24	15 39	0 40	23 30	0 12	2 47	0 43	8 51	2 0	3 2	11 35	20 39	20 27	26 38		n.a.
S 16	17 52	17 49	5 1	21 2	1 27	5 31	1 48	18 47	0 25	15 43	0 40	23 30	0 12	2 46	0 43	8 50	2 0	3 2	11 35	20 41	20 28	26 38		n.a.
M17	18 7	22 16	4 43	21 38	1 34	5 59	1 47	18 58	0 25	15 47	0 40	23 31	0 12	2 45	0 43	8 50	2 0	3 2	11 35	20 43	20 29	26 38		n.a.
T 18	18 23	25 17	4 6	22 11	1 40	6 27	1 46	19 9	0 26	15 51	0 40	23 31	0 11	2 44	0 43	8 49	2 0	3 3	11 35	20 45	20 29	26 37		n.a.
W19	18 38	26 28	3 11	22 41	1 45	6 55	1 45	19 20	0 26	15 55	0 39	23 31	0 11	2 44	0 43	8 49	2 0	3 3	11 35	20 47	20 30	26 37		n.a.
T 20	18 52	25 44	2 4	23 9	1 49	7 22	1 44	19 30	0 27	16 0	0 39	23 31	0 11	2 43	0 43	8 48	2 0	3 4	11 35	20 48	20 31	26 37		n.a.
F 21	19 7	23 12	0 49	23 35	1 53	7 50	1 43	19 41	0 28	16 4	0 39	23 31	0 11	2 42	0 43	8 48	2 0	3 4	11 35	20 48	20 31	26 36		n.a.
S 22	19 21	19 15	0s27	23 57	1 56	8 17	1 42	19 51	0 28	16 8	0 39	23 31	0 11	2 41	0 43	8 48	2 0	3 4	11 35	20 48	20 32	26 36		n.a.
S 23	19 34	14 19	1 40	24 17	1 59	8 45	1 41	20 1	0 29	16 12	0 39	23 31	0 11	2 40	0 43	8 47	2 0	3 5	11 35	20 48	20 33	26 36		n.a.
M24	19 48	8 47	2 45	24 35	2 1	9 12	1 39	20 11	0 29	16 16	0 39	23 32	0 11	2 40	0 43	8 47	2 0	3 5	11 35	20 48	20 33	26 35		n.a.
T 25	20 1	3 0	3 40	24 50	2 2	9 39	1 38	20 21	0 30	16 20	0 39	23 32	0 11	2 39	0 43	8 46	2 0	3 6	11 35	20 48	20 34	26 35		n.a.
W26	20 13	2s46	4 22	25 3	2 2	10 6	1 37	20 30	0 30	16 24	0 39	23 32	0 11	2 38	0 43	8 46	2 0	3 6	11 35	20 49	20 35	26 35		n.a.
T 27	20 26	8 18	4 50	25 13	2 2	10 32	1 35	20 40	0 31	16 28	0 39	23 32	0 11	2 37	0 43	8 45	2 0	3 6	11 35	20 50	20 35	26 34		n.a.
F 28	20 38	13 25	5 4	25 21	2 1	10 59	1 34	20 49	0 31	16 32	0 39	23 32	0 11	2 37	0 43	8 45	2 0	3 7	11 35	20 51	20 36	26 34		n.a.
S 29	20 50	17 55	5 3	25 27	1 59	11 25	1 32	20 58	0 32	16 36	0 39	23 32	0 11	2 36	0 43	8 44	2 0	3 7	11 35	20 53	20 37	26 33		n.a.
S 30	21 1	21 38	4 48	25 30	1 57	11 51	1 31	21 7	0 32	16 40	0 39	23 32	0 11	2 35	0 43	8 44	2 0	3 7	11 35	20 55	20 37	26 33		n.a.
M31	21n12	24s22	4s21	25n32	1n54	12n17	1s29	21n16	0n33	16n44	0s39	23s33	0n10	2s35	0s43	8s44	2n 0	3n 8	11s35	20s57	20s38	26s33		n.a.

Julian Day Number = 1598454.5, Delta T = 04h00m42s
Ecliptic obliquity = 23°44'15, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'13, Lahiri = - 8°36'13 Julian Calendar 1 May 337 BCE == Greg. Calendar 26 Apr. 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

JUNE 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 48	4♊53'06	10♐41	26♊28	7♉10	2♊12	18♉ 0	2°R18	25♓15	27°R 8	7♉13	27°R11	28♑51	24♐12	n.a.	T 1
W 2	16 23 44	5°50'11	22°32	28° 2	8°22	2°52	18°14	2♑14	25°17	27♎ 6	7°15	27♑ 4	28°48	24°18	n.a.	W 2
T 3	16 27 41	6°47'16	4♑21	29°34	9°34	3°31	18°27	2°10	25°18	27° 5	7°16	26°59	28°45	24°25	n.a.	T 3
F 4	16 31 37	7°44'21	16° 9	1♋ 4	10°46	4°11	18°41	2° 7	25°20	27° 4	7°17	26°56	28°42	24°32	n.a.	F 4
S 5	16 35 34	8°41'27	28° 0	2°31	11°58	4°50	18°54	2° 3	25°21	27° 3	7°18	26°D56	28°38	24°38	n.a.	S 5
S 6	16 39 30	9°38'33	9♒58	3°56	13°10	5°29	19° 7	1°59	25°23	27° 2	7°20	26°56	28°35	24°45	n.a.	S 6
M 7	16 43 27	10°35'40	22° 6	5°19	14°22	6° 9	19°21	1°55	25°24	27° 1	7°21	26°58	28°32	24°52	n.a.	M 7
T 8	16 47 24	11°32'47	4♓31	6°40	15°34	6°48	19°34	1°51	25°26	27° 0	7°22	26°59	28°29	24°58	n.a.	T 8
W 9	16 51 20	12°29'55	17°15	7°58	16°46	7°27	19°47	1°47	25°27	26°59	7°23	26°R59	28°26	25° 5	n.a.	W 9
T 10	16 55 17	13°27'03	0♈25	9°14	17°59	8° 7	20° 0	1°43	25°28	26°58	7°24	26°58	28°22	25°12	n.a.	T 10
F 11	16 59 13	14°24'12	14° 2	10°27	19°11	8°46	20°13	1°39	25°29	26°57	7°25	26°55	28°19	25°18	n.a.	F 11
S 12	17 3 10	15°21'22	28° 7	11°38	20°23	9°25	20°27	1°34	25°31	26°56	7°26	26°50	28°16	25°25	n.a.	S 12
S 13	17 7 6	16°18'32	12♉40	12°46	21°36	10° 4	20°40	1°30	25°32	26°55	7°28	26°44	28°13	25°32	n.a.	S 13
M14	17 11 3	17°15'43	27°34	13°51	22°48	10°43	20°53	1°26	25°33	26°54	7°29	26°38	28°10	25°38	n.a.	M14
T 15	17 14 59	18°12'55	12♊43	14°54	24° 1	11°22	21° 6	1°22	25°34	26°53	7°30	26°33	28° 7	25°45	n.a.	T 15
W16	17 18 56	19°10'07	27°57	15°53	25°13	12° 2	21°19	1°17	25°35	26°52	7°31	26°29	28° 3	25°52	n.a.	W16
T 17	17 22 53	20° 7'20	13♋ 5	16°50	26°26	12°41	21°32	1°13	25°36	26°52	7°32	26°27	28° 0	25°59	n.a.	T 17
F 18	17 26 49	21° 4'33	27°59	17°43	27°38	13°20	21°44	1° 9	25°37	26°51	7°33	26°D26	27°57	26° 5	n.a.	F 18
S 19	17 30 46	22° 1'47	12♌31	18°34	28°51	13°59	21°57	1° 4	25°38	26°50	7°34	26°27	27°54	26°12	n.a.	S 19
S 20	17 34 42	22°59'01	26°39	19°21	0♊ 4	14°38	22°10	1° 0	25°38	26°49	7°35	26°29	27°51	26°19	n.a.	S 20
M21	17 38 39	23°56'15	10♍21	20° 4	1°16	15°17	22°23	0°56	25°39	26°49	7°36	26°30	27°48	26°25	n.a.	M21
T 22	17 42 35	24°53'30	23°40	20°44	2°29	15°56	22°35	0°51	25°40	26°48	7°37	26°R30	27°44	26°32	n.a.	T 22
W23	17 46 32	25°50'45	6♎36	21°20	3°42	16°34	22°48	0°47	25°40	26°47	7°38	26°30	27°41	26°39	n.a.	W23
T 24	17 50 29	26°48'01	19°13	21°52	4°55	17°13	23° 1	0°42	25°41	26°47	7°39	26°28	27°38	26°45	n.a.	T 24
F 25	17 54 25	27°45'17	1♏36	22°19	6° 8	17°52	23°13	0°38	25°42	26°46	7°40	26°25	27°35	26°52	n.a.	F 25
S 26	17 58 22	28°42'34	13°46	22°42	7°20	18°31	23°25	0°34	25°42	26°45	7°41	26°21	27°32	26°59	n.a.	S 26
S 27	18 2 18	29°39'52	25°47	23° 1	8°33	19°10	23°38	0°29	25°43	26°45	7°42	26°17	27°28	27° 5	n.a.	S 27
M28	18 6 15	0♋37'10	7♐42	23°15	9°46	19°49	23°50	0°25	25°43	26°44	7°43	26°12	27°25	27°12	n.a.	M28
T 29	18 10 11	1°34'30	19°33	23°25	10°59	20°27	24° 2	0°20	25°43	26°44	7°44	26° 8	27°22	27°19	n.a.	T 29
W30	18 14 8	2♋31'50	1♑22	23°R29	12♊12	21♊ 6	24♉15	0♑16	25♓44	26♎43	7♉44	26♑ 6	27♑19	27♐25	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n23	26s 0	3s42	25n32	1n50	12n42	1s27	21n24	0n33	16n47	0s39	23s33	0n10	2s34	0s43	8s43	2n 0	3n 8	11s35	20s59	20s39	26s32		n.a.
W 2	21 33	26 25	2 54	25 30	1 46	13 7	1 25	21 33	0 34	16 51	0 38	23 33	0 10	2 33	0 43	8 43	2 0	3 8	11 35	21 0	20 39	26 32		n.a.
T 3	21 43	25 39	1 59	25 26	1 42	13 32	1 24	21 41	0 34	16 55	0 38	23 33	0 10	2 33	0 43	8 42	1 59	3 9	11 36	21 1	20 40	26 31		n.a.
F 4	21 52	23 42	0 58	25 20	1 36	13 57	1 22	21 49	0 35	16 59	0 38	23 33	0 10	2 32	0 43	8 42	1 59	3 9	11 36	21 2	20 41	26 31		n.a.
S 5	22 2	20 43	0n 6	25 13	1 31	14 21	1 20	21 57	0 35	17 3	0 38	23 33	0 10	2 32	0 43	8 42	1 59	3 9	11 36	21 2	20 41	26 30		n.a.
S 6	22 10	16 51	1 10	25 5	1 24	14 45	1 18	22 4	0 36	17 6	0 38	23 33	0 10	2 31	0 43	8 41	1 59	3 9	11 36	21 2	20 42	26 30		n.a.
M 7	22 19	12 14	2 12	24 55	1 17	15 9	1 16	22 12	0 36	17 10	0 38	23 34	0 10	2 30	0 43	8 41	1 59	3 10	11 36	21 2	20 43	26 30		n.a.
T 8	22 27	7 2	3 9	24 44	1 10	15 32	1 14	22 19	0 37	17 14	0 38	23 34	0 10	2 30	0 43	8 41	1 59	3 10	11 36	21 1	20 43	26 29		n.a.
W 9	22 35	1 26	3 59	24 32	1 2	15 55	1 12	22 26	0 37	17 18	0 38	23 34	0 10	2 29	0 43	8 40	1 59	3 10	11 36	21 1	20 44	26 29		n.a.
T 10	22 42	4n24	4 38	24 18	0 54	16 17	1 9	22 33	0 38	17 21	0 38	23 34	0 10	2 29	0 43	8 40	1 59	3 11	11 36	21 2	20 45	26 28		n.a.
F 11	22 49	10 14	5 2	24 4	0 45	16 40	1 7	22 40	0 38	17 25	0 38	23 34	0 10	2 29	0 43	8 40	1 59	3 11	11 36	21 2	20 45	26 28		n.a.
S 12	22 55	15 45	5 10	23 49	0 35	17 1	1 5	22 47	0 39	17 28	0 38	23 34	0 9	2 28	0 43	8 39	1 59	3 11	11 36	21 3	20 46	26 27		n.a.
S 13	23 1	20 33	4 58	23 33	0 26	17 23	1 3	22 53	0 39	17 32	0 38	23 34	0 9	2 28	0 43	8 39	1 59	3 11	11 37	21 4	20 47	26 27		n.a.
M14	23 7	24 11	4 26	23 16	0 16	17 44	1 0	22 59	0 40	17 35	0 38	23 34	0 9	2 27	0 43	8 39	1 59	3 11	11 37	21 5	20 47	26 26		n.a.
T 15	23 12	26 10	3 35	22 59	0 5	18 4	0 58	23 5	0 40	17 39	0 38	23 35	0 9	2 27	0 43	8 39	1 59	3 12	11 37	21 6	20 48	26 26		n.a.
W16	23 17	26 12	2 29	22 41	0s 6	18 24	0 56	23 11	0 41	17 42	0 38	23 35	0 9	2 26	0 43	8 38	1 59	3 12	11 37	21 7	20 48	26 25		n.a.
T 17	23 22	24 17	1 12	22 22	0 17	18 44	0 53	23 17	0 41	17 46	0 38	23 35	0 9	2 26	0 44	8 38	1 59	3 12	11 37	21 7	20 49	26 24		n.a.
F 18	23 26	20 41	0s 8	22 4	0 29	19 3	0 51	23 22	0 42	17 49	0 38	23 35	0 9	2 26	0 44	8 38	1 59	3 12	11 37	21 8	20 50	26 24		n.a.
S 19	23 30	15 52	1 27	21 45	0 41	19 22	0 49	23 28	0 42	17 53	0 38	23 35	0 9	2 25	0 44	8 38	1 59	3 13	11 37	21 7	20 50	26 23		n.a.
S 20	23 33	10 19	2 38	21 26	0 54	19 40	0 46	23 33	0 43	17 56	0 38	23 35	0 9	2 25	0 44	8 37	1 59	3 13	11 37	21 7	20 51	26 23		n.a.
M21	23 36	4 26	3 37	21 8	1 6	19 58	0 44	23 38	0 43	17 59	0 37	23 35	0 9	2 25	0 44	8 37	1 59	3 13	11 38	21 7	20 52	26 22		n.a.
T 22	23 38	1s28	4 23	20 49	1 19	20 15	0 41	23 42	0 44	18 3	0 37	23 36	0 9	2 25	0 44	8 37	1 58	3 13	11 38	21 7	20 52	26 22		n.a.
W23	23 40	7 9	4 55	20 30	1 32	20 31	0 39	23 47	0 44	18 6	0 37	23 36	0 8	2 24	0 44	8 37	1 58	3 13	11 38	21 7	20 53	26 21		n.a.
T 24	23 42	12 24	5 11	20 12	1 45	20 47	0 36	23 51	0 44	18 9	0 37	23 36	0 8	2 24	0 44	8 37	1 58	3 13	11 38	21 7	20 54	26 21		n.a.
F 25	23 43	17 2	5 12	19 55	1 59	21 3	0 34	23 55	0 45	18 12	0 37	23 36	0 8	2 24	0 44	8 37	1 58	3 14	11 38	21 8	20 54	26 20		n.a.
S 26	23 44	20 55	4 59	19 37	2 12	21 18	0 31	23 59	0 45	18 16	0 37	23 36	0 8	2 24	0 44	8 36	1 58	3 14	11 38	21 9	20 55	26 19		n.a.
S 27	23 44	23 51	4 33	19 21	2 26	21 32	0 28	24 3	0 46	18 19	0 37	23 36	0 8	2 24	0 44	8 36	1 58	3 14	11 38	21 9	20 55	26 19		n.a.
M28	23 44	25 44	3 55	19 5	2 39	21 46	0 26	24 7	0 46	18 22	0 37	23 36	0 8	2 24	0 44	8 36	1 58	3 14	11 39	21 10	20 56	26 18		n.a.
T 29	23 44	26 26	3 7	18 51	2 53	21 59	0 23	24 10	0 47	18 25	0 37	23 36	0 8	2 23	0 44	8 36	1 58	3 14	11 39	21 11	20 57	26 17		n.a.
W30	23n43	25s56	2s12	18n37	3s 6	22n12	0s21	24n13	0n47	18n28	0s37	23s36	0n 8	2s23	0s44	8s36	1n58	3n14	11s39	21s12	20s57	26s17		n.a.

Julian Day Number = 1598485.5, Delta T = 04h00m40s
Ecliptic obliquity = 23°44'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'09, Lahiri = - 8°36'09 Julian Calendar 1 June 337 BCE == Greg. Calendar 27 May 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

JULY 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 18 4	3♋29'11	13♉12	23°R28	13♊25	21♊45	24♉27	0°R11	25♓44	26°R43	7♉45	26°R 4	27♉16	27♐32	n.a.	T 1
F 2	18 22 1	4°26'34	25° 3	23♋22	14°39	22°23	24°39	0♉ 7	25°44	26♎43	7°46	26°D 3	27°13	27°39	n.a.	F 2
S 3	18 25 58	5°23'57	7♒ 0	23°10	15°52	23° 2	24°51	0° 2	25°44	26°42	7°47	26♉ 4	27° 9	27°45	n.a.	S 3
S 4	18 29 54	6°21'22	19° 4	22°54	17° 5	23°41	25° 3	29♐58	25°44	26°42	7°48	26° 5	27° 6	27°52	n.a.	S 4
M 5	18 33 51	7°18'48	1♓19	22°32	18°18	24°19	25°15	29°54	25°44	26°42	7°49	26° 6	27° 3	27°59	n.a.	M 5
T 6	18 37 47	8°16'15	13°47	22° 5	19°31	24°58	25°26	29°49	25°R45	26°41	7°49	26° 7	27° 0	28° 5	n.a.	T 6
W 7	18 41 44	9°13'44	26°34	21°34	20°45	25°37	25°38	29°45	25°44	26°41	7°50	26° 8	26°57	28°12	n.a.	W 7
T 8	18 45 40	10°11'14	9♈41	20°58	21°58	26°15	25°50	29°40	25°44	26°41	7°51	26°R 9	26°54	28°18	n.a.	T 8
F 9	18 49 37	11° 8'46	23°12	20°18	23°12	26°54	26° 1	29°36	25°44	26°41	7°52	26° 9	26°50	28°25	n.a.	F 9
S 10	18 53 33	12° 6'19	7♉ 8	19°34	24°25	27°32	26°13	29°32	25°44	26°41	7°52	26° 8	26°47	28°32	n.a.	S 10
S 11	18 57 30	13° 3'54	21°28	18°48	25°38	28°11	26°24	29°28	25°44	26°41	7°53	26° 6	26°44	28°38	n.a.	S 11
M12	19 1 27	14° 1'31	6♊11	18° 0	26°52	28°49	26°35	29°23	25°44	26°41	7°54	26° 5	26°41	28°45	n.a.	M12
T 13	19 5 23	14°59'09	21°10	17°10	28° 6	29°27	26°47	29°19	25°43	26°D41	7°54	26° 3	26°38	28°52	n.a.	T 13
W14	19 9 20	15°56'49	6♋18	16°20	29°19	0♋ 6	26°58	29°15	25°43	26°41	7°55	26° 3	26°34	28°58	n.a.	W14
T 15	19 13 16	16°54'30	21°25	15°31	0♋33	0°44	27° 9	29°11	25°43	26°41	7°55	26°D 2	26°31	29° 5	n.a.	T 15
F 16	19 17 13	17°52'13	6♌23	14°43	1°47	1°23	27°20	29° 7	25°42	26°41	7°56	26° 2	26°28	29°12	n.a.	F 16
S 17	19 21 9	18°49'57	21° 3	13°58	3° 0	2° 1	27°31	29° 3	25°42	26°41	7°57	26° 3	26°25	29°18	n.a.	S 17
S 18	19 25 6	19°47'42	5♍21	13°17	4°14	2°39	27°42	28°58	25°41	26°41	7°57	26° 3	26°22	29°25	n.a.	S 18
M19	19 29 3	20°45'28	19°12	12°39	5°28	3°18	27°52	28°55	25°40	26°41	7°58	26° 4	26°19	29°32	n.a.	M19
T 20	19 32 59	21°43'16	2♎37	12° 7	6°42	3°56	28° 3	28°51	25°40	26°41	7°58	26° 4	26°15	29°38	n.a.	T 20
W21	19 36 56	22°41'05	15°37	11°41	7°55	4°34	28°14	28°47	25°39	26°41	7°59	26° 4	26°12	29°45	n.a.	W21
T 22	19 40 52	23°38'55	28°15	11°22	9° 9	5°13	28°24	28°43	25°38	26°42	7°59	26°R 4	26° 9	29°52	n.a.	T 22
F 23	19 44 49	24°36'46	10♏35	11° 9	10°23	5°51	28°34	28°39	25°37	26°42	8° 0	26° 4	26° 6	29°58	n.a.	F 23
S 24	19 48 45	25°34'39	22°42	11°D 4	11°37	6°29	28°45	28°35	25°37	26°42	8° 0	26°D 4	26° 3	0♉ 5	n.a.	S 24
S 25	19 52 42	26°32'34	4♐39	11° 7	12°51	7° 7	28°55	28°32	25°36	26°43	8° 0	26° 4	26° 0	0°12	n.a.	S 25
M26	19 56 38	27°30'30	16°29	11°18	14° 5	7°45	29° 5	28°28	25°35	26°43	8° 1	26° 4	25°56	0°18	n.a.	M26
T 27	20 0 35	28°28'27	28°18	11°37	15°19	8°23	29°15	28°24	25°34	26°43	8° 1	26° 5	25°53	0°25	n.a.	T 27
W28	20 4 31	29°26'26	10♉ 8	12° 4	16°33	9° 2	29°24	28°21	25°33	26°44	8° 1	26° 5	25°50	0°32	n.a.	W28
T 29	20 8 28	0♌24'27	22° 1	12°39	17°47	9°40	29°34	28°18	25°32	26°44	8° 2	26°R 5	25°47	0°38	n.a.	T 29
F 30	20 12 25	1°22'29	4♒ 0	13°22	19° 2	10°18	29°44	28°14	25°31	26°45	8° 2	26° 5	25°44	0°45	n.a.	F 30
S 31	20 16 21	2♌20'34	16♒ 7	14♋12	20♋16	10♋56	29♉53	28♐11	25♓29	26♎45	8♉ 2	26♉ 5	25♉40	0♉52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n41	24s14	1s10	18n25	3s18	22n24	0s18	24n16	0n48	18n31	0s37	23s36	0n 8	2s23	0s44	8s36	1n58	3n14	11s39	21s12	20s58	26s16			n.a.
F 2	23 40	21 29	0 5	18 14	3 31	22 35	0 16	24 19	0 48	18 34	0 37	23 37	0 8	2 23	0 44	8 36	1 58	3 14	11 39	21 12	20 59	26 16			n.a.
S 3	23 38	17 47	1n 0	18 4	3 42	22 46	0 13	24 22	0 49	18 37	0 37	23 37	0 8	2 23	0 44	8 36	1 58	3 15	11 39	21 12	20 59	26 15			n.a.
S 4	23 35	13 20	2 4	17 56	3 54	22 56	0 10	24 24	0 49	18 40	0 37	23 37	0 7	2 23	0 44	8 36	1 58	3 15	11 40	21 12	21 0	26 14			n.a.
M 5	23 32	8 18	3 3	17 49	4 4	23 5	0 8	24 26	0 50	18 43	0 37	23 37	0 7	2 23	0 44	8 36	1 58	3 15	11 40	21 12	21 0	26 14			n.a.
T 6	23 29	2 51	3 54	17 44	4 13	23 14	0 5	24 28	0 50	18 46	0 37	23 37	0 7	2 23	0 44	8 36	1 58	3 15	11 40	21 11	21 1	26 13			n.a.
W 7	23 25	2n49	4 35	17 41	4 21	23 22	0 3	24 30	0 50	18 49	0 37	23 37	0 7	2 23	0 44	8 36	1 58	3 15	11 40	21 11	21 2	26 12			n.a.
T 8	23 20	8 31	5 4	17 40	4 28	23 29	0 0	24 32	0 51	18 51	0 37	23 37	0 7	2 23	0 44	8 36	1 57	3 15	11 40	21 11	21 2	26 12			n.a.
F 9	23 16	14 0	5 16	17 40	4 34	23 36	0n 2	24 33	0 51	18 54	0 37	23 37	0 7	2 23	0 44	8 36	1 57	3 15	11 41	21 11	21 3	26 11			n.a.
S 10	23 11	18 57	5 11	17 42	4 38	23 42	0 5	24 35	0 52	18 57	0 37	23 37	0 7	2 23	0 44	8 36	1 57	3 15	11 41	21 11	21 4	26 10			n.a.
S 11	23 5	22 57	4 46	17 46	4 40	23 47	0 8	24 36	0 52	19 0	0 37	23 37	0 7	2 24	0 44	8 36	1 57	3 15	11 41	21 11	21 4	26 9			n.a.
M12	22 59	25 35	4 3	17 52	4 41	23 52	0 10	24 36	0 53	19 2	0 37	23 37	0 7	2 24	0 44	8 36	1 57	3 15	11 41	21 12	21 5	26 9			n.a.
T 13	22 53	26 27	3 2	18 0	4 40	23 56	0 13	24 37	0 53	19 5	0 37	23 38	0 7	2 24	0 44	8 36	1 57	3 15	11 41	21 12	21 5	26 8			n.a.
W14	22 46	25 22	1 47	18 9	4 37	23 59	0 15	24 38	0 53	19 8	0 37	23 38	0 7	2 24	0 44	8 36	1 57	3 15	11 41	21 12	21 6	26 7			n.a.
T 15	22 39	22 26	0 26	18 19	4 32	24 2	0 17	24 38	0 54	19 10	0 37	23 38	0 6	2 24	0 44	8 36	1 57	3 15	11 42	21 12	21 7	26 7			n.a.
F 16	22 32	17 59	0s57	18 31	4 25	24 3	0 20	24 38	0 54	19 13	0 37	23 38	0 6	2 24	0 44	8 36	1 57	3 15	11 42	21 12	21 7	26 6			n.a.
S 17	22 24	12 32	2 15	18 45	4 16	24 4	0 22	24 38	0 55	19 15	0 37	23 38	0 6	2 25	0 45	8 36	1 57	3 15	11 42	21 12	21 8	26 5			n.a.
S 18	22 15	6 33	3 21	18 59	4 6	24 5	0 25	24 38	0 55	19 18	0 37	23 38	0 6	2 25	0 45	8 36	1 57	3 15	11 42	21 12	21 9	26 4			n.a.
M19	22 7	0 26	4 14	19 14	3 54	24 4	0 27	24 37	0 56	19 20	0 37	23 38	0 6	2 25	0 45	8 36	1 57	3 15	11 42	21 12	21 9	26 4			n.a.
T 20	21 58	5s30	4 51	19 30	3 41	24 3	0 29	24 37	0 56	19 23	0 37	23 38	0 6	2 26	0 45	8 36	1 57	3 15	11 43	21 12	21 10	26 3			n.a.
W21	21 48	11 1	5 12	19 47	3 27	24 1	0 32	24 36	0 56	19 25	0 37	23 38	0 6	2 26	0 45	8 36	1 57	3 15	11 43	21 12	21 10	26 2			n.a.
T 22	21 38	15 55	5 17	20 4	3 12	23 59	0 34	24 35	0 57	19 27	0 37	23 38	0 6	2 26	0 45	8 37	1 56	3 15	11 43	21 12	21 11	26 1			n.a.
F 23	21 28	20 2	5 8	20 21	2 56	23 56	0 36	24 34	0 57	19 30	0 36	23 38	0 6	2 27	0 45	8 37	1 56	3 15	11 43	21 12	21 12	26 0			n.a.
S 24	21 17	23 15	4 44	20 38	2 39	23 51	0 38	24 32	0 58	19 32	0 36	23 38	0 6	2 27	0 45	8 37	1 56	3 15	11 43	21 12	21 12	26 0			n.a.
S 25	21 6	25 24	4 9	20 55	2 22	23 47	0 40	24 31	0 58	19 34	0 36	23 38	0 5	2 27	0 45	8 37	1 56	3 15	11 44	21 12	21 13	25 59			n.a.
M26	20 55	26 24	3 23	21 11	2 4	23 41	0 43	24 29	0 59	19 37	0 36	23 38	0 5	2 28	0 45	8 37	1 56	3 15	11 44	21 12	21 13	25 58			n.a.
T 27	20 43	26 12	2 28	21 27	1 47	23 35	0 45	24 27	0 59	19 39	0 36	23 38	0 5	2 28	0 45	8 38	1 56	3 15	11 44	21 12	21 14	25 57			n.a.
W28	20 31	24 48	1 27	21 42	1 29	23 28	0 47	24 25	0 59	19 41	0 36	23 38	0 5	2 29	0 45	8 38	1 56	3 14	11 44	21 12	21 15	25 56			n.a.
T 29	20 19	22 17	0 23	21 56	1 12	23 21	0 49	24 22	1 0	19 43	0 36	23 38	0 5	2 29	0 45	8 38	1 56	3 14	11 45	21 12	21 15	25 56			n.a.
F 30	20 6	18 47	0n44	22 9	0 55	23 12	0 51	24 20	1 0	19 45	0 36	23 39	0 5	2 29	0 45	8 38	1 56	3 14	11 45	21 12	21 16	25 55			n.a.
S 31	19n53	14s28	1n49	22n20	0s39	23n 3	0n53	24n17	1n 1	19n47	0s36	23s39	0n 5	2s30	0s45	8s39	1n56	3n14	11s45	21s12	21s16	25s54			n.a.

Julian Day Number = 1598515.5, Delta T = 04h00m39s
Ecliptic obliquity = 23°44'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'05, Lahiri = - 8°36'05 Julian Calendar 1 July 337 BCE == Greg. Calendar 26 June 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

AUGUST 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 20 18	3♌18'39	28♒24	15♋10	21♋30	11♋34	0♊ 3	28°R 8	25°R28	26♎46	8♉ 3	26°R 4	25♑37	0♑58	n.a.	S 1
M 2	20 24 14	4°16'47	10♓52	16°15	22°44	12°12	0°12	28♐ 4	25♓27	26°47	8° 3	26♑ 3	25°34	1° 5	n.a.	M 2
T 3	20 28 11	5°14'57	23°32	17°26	23°59	12°50	0°21	28° 1	25°26	26°47	8° 3	26° 2	25°31	1°12	n.a.	T 3
W 4	20 32 7	6°13'09	6♈28	18°43	25°13	13°28	0°30	27°58	25°24	26°48	8° 3	26° 1	25°28	1°18	n.a.	W 4
T 5	20 36 4	7°11'23	19°40	20° 6	26°27	14° 6	0°39	27°55	25°23	26°49	8° 3	26° 0	25°25	1°25	n.a.	T 5
F 6	20 40 0	8° 9'39	3♉10	21°35	27°42	14°44	0°48	27°53	25°22	26°49	8° 4	25°D59	25°21	1°32	n.a.	F 6
S 7	20 43 57	9° 7'58	16°58	23° 7	28°56	15°22	0°56	27°50	25°20	26°50	8° 4	25°59	25°18	1°38	n.a.	S 7
S 8	20 47 54	10° 6'18	1♊ 5	24°44	0♌11	16° 0	1° 5	27°47	25°19	26°51	8° 4	26° 0	25°15	1°45	n.a.	S 8
M 9	20 51 50	11° 4'41	15°30	26°25	1°25	16°38	1°13	27°44	25°17	26°52	8° 4	26° 1	25°12	1°52	n.a.	M 9
T 10	20 55 47	12° 3'07	0♋ 9	28° 8	2°40	17°16	1°22	27°42	25°16	26°53	8° 4	26° 2	25° 9	1°58	n.a.	T 10
W11	20 59 43	13° 1'34	14°57	29°54	3°54	17°54	1°30	27°39	25°14	26°54	8° 4	26° 3	25° 6	2° 5	n.a.	W11
T 12	21 3 40	14° 0'04	29°49	1♌42	5° 9	18°31	1°38	27°37	25°12	26°55	8° 4	26°R 3	25° 2	2°12	n.a.	T 12
F 13	21 7 36	14°58'35	14♌36	3°32	6°23	19° 9	1°46	27°35	25°11	26°55	8°R 4	26° 2	24°59	2°18	n.a.	F 13
S 14	21 11 33	15°57'09	29°12	5°23	7°38	19°47	1°54	27°32	25° 9	26°56	8° 4	26° 1	24°56	2°25	n.a.	S 14
S 15	21 15 29	16°55'44	13♍29	7°15	8°53	20°25	2° 1	27°30	25° 7	26°57	8° 4	25°58	24°53	2°32	n.a.	S 15
M16	21 19 26	17°54'22	27°24	9° 7	10° 7	21° 3	2° 9	27°28	25° 5	26°59	8° 4	25°55	24°50	2°38	n.a.	M16
T 17	21 23 23	18°53'01	10♎54	11° 0	11°22	21°40	2°16	27°26	25° 4	27° 0	8° 4	25°52	24°46	2°45	n.a.	T 17
W18	21 27 19	19°51'42	23°59	12°53	12°37	22°18	2°23	27°24	25° 2	27° 1	8° 4	25°49	24°43	2°52	n.a.	W18
T 19	21 31 16	20°50'25	6♏40	14°45	13°52	22°56	2°30	27°23	25° 0	27° 2	8° 4	25°47	24°40	2°58	n.a.	T 19
F 20	21 35 12	21°49'09	19° 2	16°38	15° 6	23°34	2°37	27°21	24°58	27° 3	8° 4	25°D46	24°37	3° 5	n.a.	F 20
S 21	21 39 9	22°47'56	1♐ 8	18°30	16°21	24°11	2°44	27°19	24°56	27° 4	8° 3	25°47	24°34	3°12	n.a.	S 21
S 22	21 43 5	23°46'44	13° 3	20°21	17°36	24°49	2°50	27°18	24°54	27° 5	8° 3	25°48	24°31	3°18	n.a.	S 22
M23	21 47 2	24°45'35	24°53	22°12	18°51	25°27	2°57	27°16	24°52	27° 7	8° 3	25°50	24°27	3°25	n.a.	M23
T 24	21 50 58	25°44'27	6♑42	24° 2	20° 6	26° 4	3° 3	27°15	24°50	27° 8	8° 3	25°51	24°24	3°32	n.a.	T 24
W25	21 54 55	26°43'21	18°33	25°51	21°21	26°42	3° 9	27°14	24°48	27° 9	8° 2	25°52	24°21	3°38	n.a.	W25
T 26	21 58 52	27°42'17	0♒32	27°39	22°36	27°20	3°15	27°13	24°46	27°11	8° 2	25°R53	24°18	3°45	n.a.	T 26
F 27	22 2 48	28°41'15	12°41	29°27	23°51	27°57	3°21	27°12	24°44	27°12	8° 2	25°51	24°15	3°51	n.a.	F 27
S 28	22 6 45	29°40'15	25° 1	1♍13	25° 6	28°35	3°27	27°11	24°42	27°13	8° 2	25°48	24°12	3°58	n.a.	S 28
S 29	22 10 41	0♍39'17	7♓35	2°59	26°21	29°12	3°32	27°10	24°40	27°15	8° 1	25°44	24° 8	4° 5	n.a.	S 29
M30	22 14 38	1°38'21	20°22	4°44	27°36	29°50	3°38	27° 9	24°37	27°16	8° 1	25°38	24° 5	4°11	n.a.	M30
T 31	22 18 34	2♍37'27	3♈24	6♍28	28♌51	0♌27	3♊43	27♐ 9	24♓35	27♎18	8♉ 1	25♑32	24♑ 2	4♑18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n39	9s32	2n50	22n29	0s23	22n54	0n54	24n14	1n 1	19n49	0s36	23s39	0n 5	2s30	0s45	8s39	1n56	3n14	11s45	21s12	21s17	25s53			n.a.
M 2	19 26	4 8	3 44	22 36	0 8	22 43	0 56	24 11	1 1	19 51	0 36	23 39	0 5	2 31	0 45	8 39	1 56	3 14	11 45	21 12	21 18	25 52			n.a.
T 3	19 12	1n29	4 28	22 41	0n 6	22 32	0 58	24 8	1 2	19 53	0 36	23 39	0 5	2 32	0 45	8 39	1 56	3 14	11 46	21 12	21 18	25 51			n.a.
W 4	18 57	7 9	4 59	22 44	0 20	22 20	1 0	24 5	1 2	19 55	0 36	23 39	0 5	2 32	0 45	8 40	1 56	3 14	11 46	21 13	21 19	25 50			n.a.
T 5	18 42	12 38	5 15	22 45	0 32	22 8	1 1	24 1	1 3	19 57	0 36	23 39	0 4	2 33	0 45	8 40	1 56	3 13	11 46	21 13	21 19	25 50			n.a.
F 6	18 27	17 38	5 14	22 43	0 44	21 55	1 3	23 57	1 3	19 59	0 36	23 39	0 4	2 33	0 45	8 40	1 55	3 13	11 46	21 13	21 20	25 49			n.a.
S 7	18 12	21 50	4 56	22 38	0 55	21 41	1 5	23 53	1 3	20 1	0 36	23 39	0 4	2 34	0 45	8 41	1 55	3 13	11 46	21 13	21 20	25 48			n.a.
S 8	17 56	24 52	4 19	22 30	1 5	21 26	1 6	23 49	1 4	20 2	0 36	23 39	0 4	2 34	0 45	8 41	1 55	3 13	11 47	21 13	21 21	25 47			n.a.
M 9	17 40	26 21	3 26	22 20	1 13	21 11	1 8	23 45	1 4	20 4	0 36	23 39	0 4	2 35	0 45	8 41	1 55	3 13	11 47	21 12	21 22	25 46			n.a.
T 10	17 23	26 3	2 19	22 7	1 21	20 56	1 9	23 40	1 5	20 6	0 36	23 39	0 4	2 36	0 45	8 42	1 55	3 13	11 47	21 12	21 22	25 45			n.a.
W11	17 7	23 54	1 1	21 51	1 28	20 39	1 10	23 36	1 5	20 8	0 36	23 39	0 4	2 36	0 45	8 42	1 55	3 12	11 47	21 12	21 23	25 44			n.a.
T 12	16 50	20 6	0s21	21 33	1 33	20 23	1 12	23 31	1 5	20 9	0 36	23 39	0 4	2 37	0 45	8 43	1 55	3 12	11 48	21 12	21 23	25 43			n.a.
F 13	16 33	15 3	1 41	21 12	1 38	20 5	1 13	23 26	1 6	20 11	0 36	23 39	0 4	2 38	0 45	8 43	1 55	3 12	11 48	21 12	21 24	25 42			n.a.
S 14	16 15	9 12	2 53	20 48	1 42	19 47	1 14	23 21	1 6	20 12	0 36	23 39	0 4	2 38	0 45	8 43	1 55	3 12	11 48	21 13	21 25	25 41			n.a.
S 15	15 57	3 0	3 53	20 23	1 45	19 28	1 15	23 16	1 6	20 14	0 36	23 39	0 3	2 39	0 45	8 44	1 55	3 12	11 48	21 13	21 25	25 40			n.a.
M16	15 39	3s11	4 37	19 55	1 47	19 9	1 16	23 10	1 7	20 15	0 36	23 39	0 3	2 40	0 45	8 44	1 55	3 11	11 48	21 14	21 26	25 39			n.a.
T 17	15 21	9 1	5 4	19 26	1 49	18 49	1 17	23 4	1 7	20 17	0 36	23 39	0 3	2 41	0 45	8 45	1 55	3 11	11 49	21 14	21 26	25 39			n.a.
W18	15 2	14 16	5 15	18 54	1 50	18 29	1 18	22 59	1 8	20 18	0 36	23 39	0 3	2 41	0 45	8 45	1 55	3 11	11 49	21 15	21 27	25 38			n.a.
T 19	14 44	18 46	5 9	18 21	1 50	18 8	1 19	22 53	1 8	20 20	0 36	23 40	0 3	2 42	0 45	8 46	1 55	3 11	11 49	21 15	21 27	25 37			n.a.
F 20	14 24	22 19	4 49	17 47	1 49	17 47	1 20	22 47	1 8	20 21	0 36	23 40	0 3	2 43	0 45	8 46	1 55	3 10	11 49	21 15	21 28	25 36			n.a.
S 21	14 5	24 50	4 17	17 11	1 48	17 25	1 21	22 40	1 9	20 22	0 36	23 40	0 3	2 44	0 45	8 47	1 55	3 10	11 49	21 15	21 29	25 35			n.a.
S 22	13 46	26 11	3 34	16 33	1 46	17 2	1 21	22 34	1 9	20 24	0 36	23 40	0 3	2 45	0 45	8 47	1 54	3 10	11 50	21 15	21 29	25 34			n.a.
M23	13 26	26 20	2 42	15 55	1 44	16 39	1 22	22 27	1 10	20 25	0 36	23 40	0 3	2 45	0 45	8 48	1 54	3 10	11 50	21 15	21 30	25 33			n.a.
T 24	13 6	25 17	1 43	15 16	1 41	16 16	1 23	22 20	1 10	20 26	0 36	23 40	0 3	2 46	0 45	8 48	1 54	3 9	11 50	21 14	21 30	25 32			n.a.
W25	12 46	23 6	0 40	14 36	1 38	15 52	1 23	22 14	1 10	20 27	0 36	23 40	0 3	2 47	0 45	8 49	1 54	3 9	11 50	21 14	21 31	25 31			n.a.
T 26	12 25	19 52	0n25	13 55	1 34	15 28	1 24	22 6	1 11	20 29	0 36	23 40	0 2	2 48	0 45	8 49	1 54	3 9	11 50	21 14	21 31	25 30			n.a.
F 27	12 5	15 46	1 31	13 13	1 30	15 3	1 24	21 59	1 11	20 30	0 36	23 40	0 2	2 49	0 46	8 50	1 54	3 9	11 51	21 14	21 32	25 29			n.a.
S 28	11 44	10 57	2 32	12 31	1 26	14 38	1 24	21 52	1 11	20 31	0 36	23 40	0 2	2 50	0 46	8 50	1 54	3 8	11 51	21 15	21 33	25 28			n.a.
S 29	11 23	5 37	3 28	11 48	1 21	14 13	1 25	21 44	1 12	20 32	0 36	23 40	0 2	2 51	0 46	8 51	1 54	3 8	11 51	21 16	21 33	25 26			n.a.
M30	11 1	0n 2	4 14	11 5	1 16	13 47	1 25	21 37	1 12	20 33	0 36	23 40	0 2	2 51	0 46	8 51	1 54	3 8	11 51	21 17	21 34	25 25			n.a.
T 31	10n40	5n45	4n48	10n21	1n11	13n21	1n25	21n29	1n12	20n34	0s36	23s40	0n 2	2s52	0s46	8s52	1n54	3n 7	11s51	21s18	21s34	25s24			n.a.

Julian Day Number = 1598546.5, Delta T = 04h00m38s
Ecliptic obliquity = 23°44'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°43'01, Lahiri = - 8°36'00 Julian Calendar 1 Aug. 337 BCE == Greg. Calendar 27 July 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

SEPTEMBER 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 22 31	3♍36'36	16♈38	8♍11	0♍ 6	1♌ 5	3♊48	27°R 8	24°R33	27♎19	8°R 0	25°R26	23♑59	4♑25	n.a.	W 1
T 2	22 26 27	4°35'47	0♉ 5	9°54	1°21	1°43	3°52	27♐ 8	24♓31	27°21	8♉ 0	25♑20	23°56	4°31	n.a.	T 2
F 3	22 30 24	5°35'01	13°44	11°35	2°36	2°20	3°57	27° 7	24°28	27°22	7°59	25°17	23°52	4°38	n.a.	F 3
S 4	22 34 20	6°34'17	27°34	13°16	3°51	2°57	4° 2	27° 7	24°26	27°24	7°59	25°15	23°49	4°45	n.a.	S 4
S 5	22 38 17	7°33'35	11♊34	14°56	5° 6	3°35	4° 6	27° 7	24°24	27°25	7°58	25°D14	23°46	4°51	n.a.	S 5
M 6	22 42 14	8°32'57	25°43	16°35	6°21	4°12	4°10	27°D 7	24°21	27°27	7°58	25°15	23°43	4°58	n.a.	M 6
T 7	22 46 10	9°32'20	10♋ 1	18°13	7°36	4°50	4°14	27° 7	24°19	27°29	7°57	25°16	23°40	5° 5	n.a.	T 7
W 8	22 50 7	10°31'46	24°25	19°51	8°52	5°27	4°18	27° 7	24°17	27°30	7°57	25°R17	23°37	5°11	n.a.	W 8
T 9	22 54 3	11°31'14	8♌51	21°27	10° 7	6° 5	4°21	27° 8	24°14	27°32	7°56	25°16	23°33	5°18	n.a.	T 9
F 10	22 58 0	12°30'45	23°15	23° 3	11°22	6°42	4°25	27° 8	24°12	27°34	7°56	25°13	23°30	5°25	n.a.	F 10
S 11	23 1 56	13°30'18	7♍33	24°39	12°37	7°19	4°28	27° 8	24°10	27°35	7°55	25° 8	23°27	5°31	n.a.	S 11
S 12	23 5 53	14°29'52	21°37	26°13	13°52	7°57	4°31	27° 9	24° 7	27°37	7°55	25° 1	23°24	5°38	n.a.	S 12
M13	23 9 49	15°29'29	5♎25	27°47	15° 8	8°34	4°34	27°10	24° 5	27°39	7°54	24°52	23°21	5°45	n.a.	M13
T 14	23 13 46	16°29'08	18°51	29°21	16°23	9°11	4°36	27°10	24° 2	27°41	7°53	24°44	23°17	5°51	n.a.	T 14
W15	23 17 43	17°28'49	1♏55	0♎53	17°38	9°49	4°39	27°11	24° 0	27°42	7°53	24°35	23°14	5°58	n.a.	W15
T 16	23 21 39	18°28'32	14°38	2°25	18°53	10°26	4°41	27°12	23°58	27°44	7°52	24°28	23°11	6° 5	n.a.	T 16
F 17	23 25 36	19°28'17	27° 0	3°57	20° 9	11° 3	4°43	27°13	23°55	27°46	7°51	24°23	23° 8	6°11	n.a.	F 17
S 18	23 29 32	20°28'04	9♐ 7	5°27	21°24	11°40	4°45	27°15	23°53	27°48	7°50	24°20	23° 5	6°18	n.a.	S 18
S 19	23 33 29	21°27'52	21° 3	6°57	22°39	12°18	4°47	27°16	23°50	27°50	7°50	24°D20	23° 2	6°24	n.a.	S 19
M20	23 37 25	22°27'43	2♑52	8°27	23°55	12°55	4°48	27°17	23°48	27°52	7°49	24°20	22°58	6°31	n.a.	M20
T 21	23 41 22	23°27'35	14°41	9°55	25°10	13°32	4°49	27°19	23°45	27°54	7°48	24°21	22°55	6°38	n.a.	T 21
W22	23 45 18	24°27'29	26°34	11°23	26°25	14° 9	4°51	27°20	23°43	27°56	7°47	24°R21	22°52	6°44	n.a.	W22
T 23	23 49 15	25°27'25	8♒37	12°51	27°41	14°46	4°51	27°22	23°40	27°58	7°47	24°20	22°49	6°51	n.a.	T 23
F 24	23 53 12	26°27'22	20°53	14°18	28°56	15°23	4°52	27°24	23°38	28° 0	7°46	24°17	22°46	6°58	n.a.	F 24
S 25	23 57 8	27°27'22	3♓25	15°44	0♎11	16° 0	4°53	27°26	23°35	28° 2	7°45	24°11	22°43	7° 4	n.a.	S 25
S 26	0 1 5	28°27'23	16°16	17° 9	1°27	16°37	4°53	27°28	23°33	28° 4	7°44	24° 3	22°39	7°11	n.a.	S 26
M27	0 5 1	29°27'26	29°25	18°33	2°42	17°14	4°R53	27°30	23°31	28° 6	7°43	23°52	22°36	7°18	n.a.	M27
T 28	0 8 58	0♎27'31	12♈51	19°57	3°57	17°51	4°53	27°32	23°28	28° 8	7°42	23°41	22°33	7°24	n.a.	T 28
W29	0 12 54	1°27'38	26°32	21°20	5°13	18°28	4°53	27°34	23°26	28°10	7°42	23°29	22°30	7°31	n.a.	W29
T 30	0 16 51	2♎27'47	10♉23	22♎42	6♎28	19♌ 5	4♊52	27♐36	23♓23	28♎12	7♉41	23♑19	22♑27	7♑38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n18	11n19	5n 7	9n37	1n 6	12n54	1n25	21n21	1n13	20n35	0s36	23s40	0n 2	2s53	0s46	8s53	1n54	3n 7	11s52	21s19	21s35	25s23		n.a.
T 2	9 57	16 27	5 9	8 53	1 0	12 27	1 25	21 13	1 13	20 36	0 36	23 40	0 2	2 54	0 46	8 53	1 54	3 7	11 52	21 20	21 35	25 22		n.a.
F 3	9 35	20 50	4 54	8 9	0 54	12 0	1 25	21 5	1 14	20 37	0 36	23 41	0 2	2 55	0 46	8 54	1 54	3 6	11 52	21 21	21 36	25 21		n.a.
S 4	9 13	24 7	4 23	7 24	0 48	11 32	1 25	20 56	1 14	20 38	0 36	23 41	0 2	2 56	0 46	8 54	1 54	3 6	11 52	21 21	21 36	25 20		n.a.
S 5	8 50	26 0	3 35	6 39	0 42	11 4	1 24	20 48	1 14	20 38	0 36	23 41	0 2	2 57	0 46	8 55	1 54	3 6	11 52	21 21	21 37	25 19		n.a.
M 6	8 28	26 13	2 33	5 55	0 36	10 36	1 24	20 39	1 15	20 39	0 36	23 41	0 1	2 58	0 46	8 56	1 54	3 5	11 53	21 21	21 38	25 18		n.a.
T 7	8 5	24 43	1 22	5 10	0 30	10 7	1 24	20 30	1 15	20 40	0 36	23 41	0 1	2 59	0 46	8 56	1 54	3 5	11 53	21 21	21 38	25 17		n.a.
W 8	7 43	21 35	0 5	4 25	0 23	9 38	1 23	20 21	1 15	20 41	0 36	23 41	0 1	3 0	0 46	8 57	1 54	3 5	11 53	21 21	21 39	25 16		n.a.
T 9	7 20	17 6	1s13	3 41	0 16	9 9	1 23	20 12	1 16	20 41	0 36	23 41	0 1	3 1	0 46	8 58	1 54	3 4	11 53	21 21	21 39	25 15		n.a.
F 10	6 57	11 39	2 25	2 56	0 10	8 39	1 22	20 3	1 16	20 42	0 36	23 41	0 1	3 2	0 46	8 58	1 53	3 4	11 53	21 21	21 40	25 14		n.a.
S 11	6 34	5 38	3 28	2 12	0 3	8 10	1 22	19 54	1 16	20 43	0 36	23 41	0 1	3 3	0 46	8 59	1 53	3 4	11 54	21 22	21 40	25 12		n.a.
S 12	6 11	0s34	4 17	1 28	0s 4	7 40	1 21	19 45	1 17	20 43	0 36	23 41	0 1	3 4	0 46	9 0	1 53	3 3	11 54	21 24	21 41	25 11		n.a.
M13	5 47	6 35	4 49	0 43	0 11	7 10	1 20	19 35	1 17	20 44	0 36	23 41	0 1	3 5	0 46	9 0	1 53	3 3	11 54	21 25	21 41	25 10		n.a.
T 14	5 24	12 10	5 5	0s 0	0 18	6 40	1 20	19 25	1 17	20 44	0 36	23 42	0 1	3 6	0 46	9 1	1 53	3 3	11 54	21 27	21 42	25 9		n.a.
W15	5 0	17 2	5 4	0 44	0 25	6 9	1 19	19 16	1 18	20 45	0 36	23 42	0 1	3 7	0 46	9 2	1 53	3 2	11 54	21 28	21 43	25 8		n.a.
T 16	4 37	21 0	4 48	1 27	0 31	5 38	1 18	19 6	1 18	20 45	0 36	23 42	0 1	3 8	0 46	9 2	1 53	3 2	11 54	21 30	21 43	25 7		n.a.
F 17	4 13	23 55	4 19	2 10	0 38	5 8	1 17	18 56	1 18	20 45	0 36	23 42	0 1	3 8	0 46	9 3	1 53	3 2	11 55	21 30	21 44	25 6		n.a.
S 18	3 49	25 41	3 38	2 53	0 45	4 37	1 16	18 46	1 19	20 46	0 36	23 42	0 0	3 9	0 46	9 4	1 53	3 1	11 55	21 31	21 44	25 4		n.a.
S 19	3 26	26 14	2 49	3 35	0 52	4 6	1 15	18 35	1 19	20 46	0 36	23 42	0 0	3 10	0 46	9 5	1 53	3 1	11 55	21 31	21 45	25 3		n.a.
M20	3 2	25 35	1 53	4 17	0 59	3 34	1 14	18 25	1 20	20 46	0 36	23 42	0 0	3 11	0 46	9 5	1 53	3 1	11 55	21 31	21 45	25 2		n.a.
T 21	2 38	23 46	0 52	4 59	1 6	3 3	1 13	18 15	1 20	20 47	0 36	23 42	0 0	3 12	0 46	9 6	1 53	3 0	11 55	21 31	21 46	25 1		n.a.
W22	2 14	20 55	0n12	5 40	1 12	2 32	1 11	18 4	1 20	20 47	0 36	23 42	0 0	3 13	0 46	9 7	1 53	3 0	11 55	21 31	21 46	25 0		n.a.
T 23	1 50	17 7	1 16	6 21	1 19	2 0	1 10	17 53	1 21	20 47	0 36	23 43	0 0	3 14	0 46	9 7	1 53	2 59	11 55	21 31	21 47	24 58		n.a.
F 24	1 26	12 33	2 17	7 1	1 25	1 29	1 9	17 42	1 21	20 47	0 36	23 43	0s 0	3 15	0 46	9 8	1 53	2 59	11 56	21 32	21 47	24 57		n.a.
S 25	1 1	7 23	3 13	7 40	1 32	0 57	1 7	17 32	1 21	20 47	0 36	23 43	0 0	3 16	0 46	9 9	1 53	2 59	11 56	21 33	21 48	24 56		n.a.
S 26	0 37	1 48	4 0	8 19	1 38	0 25	1 6	17 21	1 22	20 47	0 36	23 43	0 0	3 17	0 46	9 10	1 53	2 58	11 56	21 34	21 48	24 55		n.a.
M27	0 13	3n58	4 36	8 58	1 44	0s 6	1 4	17 10	1 22	20 47	0 36	23 43	0 0	3 18	0 46	9 10	1 53	2 58	11 56	21 36	21 49	24 54		n.a.
T 28	0s11	9 41	4 57	9 35	1 50	0 38	1 3	16 58	1 22	20 47	0 36	23 43	0 0	3 19	0 46	9 11	1 53	2 57	11 56	21 38	21 49	24 52		n.a.
W29	0 35	15 2	5 2	10 12	1 56	1 10	1 1	16 47	1 23	20 47	0 36	23 43	0 0	3 20	0 46	9 12	1 53	2 57	11 56	21 40	21 50	24 51		n.a.
T 30	0s59	19n41	4n49	10s49	2s 1	1s41	0n59	16n36	1n23	20n47	0s36	23s43	0s 1	3s21	0s46	9s13	1n53	2n57	11s56	21s42	21s51	24s50		n.a.

Julian Day Number = 1598577.5, Delta T = 04h00m37s
Ecliptic obliquity = 23°44'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'57, Lahiri = - 8°35'56 Julian Calendar 1 Sept. 337 BCE == Greg. Calendar 27 Aug. 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

OCTOBER 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 20 47	3♎27'59	24♉22	24♎ 3	7♎43	19♌42	4°R51	27♐39	23°R21	28♎14	7°R40	23°R11	22♑23	7♑44	n.a.	F 1
S 2	0 24 44	4°28'12	8♊25	25°23	8°59	20°19	4♊51	27°41	23♓19	28°16	7♉39	23♑ 6	22°20	7°51	n.a.	S 2
S 3	0 28 40	5°28'28	22°31	26°42	10°14	20°56	4°49	27°44	23°16	28°18	7°38	23° 4	22°17	7°58	n.a.	S 3
M 4	0 32 37	6°28'46	6♋36	27°59	11°29	21°33	4°48	27°47	23°14	28°20	7°37	23°D 3	22°14	8° 4	n.a.	M 4
T 5	0 36 34	7°29'07	20°41	29°15	12°45	22°10	4°47	27°50	23°11	28°22	7°36	23°R 3	22°11	8°11	n.a.	T 5
W 6	0 40 30	8°29'29	4♌45	0♏30	14° 0	22°47	4°45	27°53	23° 9	28°25	7°35	23° 3	22° 8	8°18	n.a.	W 6
T 7	0 44 27	9°29'53	18°47	1°43	15°16	23°24	4°43	27°56	23° 7	28°27	7°34	23° 1	22° 4	8°24	n.a.	T 7
F 8	0 48 23	10°30'20	2♍44	2°54	16°31	24° 0	4°41	27°59	23° 4	28°29	7°33	22°56	22° 1	8°31	n.a.	F 8
S 9	0 52 20	11°30'48	16°36	4° 3	17°46	24°37	4°39	28° 2	23° 2	28°31	7°32	22°48	21°58	8°37	n.a.	S 9
S 10	0 56 16	12°31'18	0♎17	5° 9	19° 2	25°14	4°36	28° 5	23° 0	28°33	7°31	22°37	21°55	8°44	n.a.	S 10
M11	1 0 13	13°31'50	13°46	6°13	20°17	25°51	4°33	28° 9	22°58	28°35	7°30	22°24	21°52	8°51	n.a.	M11
T 12	1 4 9	14°32'23	26°59	7°14	21°32	26°28	4°30	28°12	22°55	28°38	7°29	22°11	21°49	8°57	n.a.	T 12
W13	1 8 6	15°32'59	9♏54	8°12	22°48	27° 4	4°27	28°16	22°53	28°40	7°28	21°58	21°45	9° 4	n.a.	W13
T 14	1 12 3	16°33'36	22°31	9° 5	24° 3	27°41	4°24	28°19	22°51	28°42	7°27	21°47	21°42	9°11	n.a.	T 14
F 15	1 15 59	17°34'14	4♐51	9°55	25°19	28°17	4°21	28°23	22°49	28°44	7°26	21°38	21°39	9°17	n.a.	F 15
S 16	1 19 56	18°34'54	16°56	10°39	26°34	28°54	4°17	28°27	22°47	28°46	7°25	21°32	21°36	9°24	n.a.	S 16
S 17	1 23 52	19°35'35	28°51	11°19	27°49	29°31	4°13	28°31	22°44	28°49	7°24	21°29	21°33	9°31	n.a.	S 17
M18	1 27 49	20°36'17	10♑39	11°52	29° 5	0♍ 7	4° 9	28°35	22°42	28°51	7°23	21°28	21°29	9°37	n.a.	M18
T 19	1 31 45	21°37'01	22°27	12°18	0♏20	0°44	4° 5	28°39	22°40	28°53	7°21	21°27	21°26	9°44	n.a.	T 19
W20	1 35 42	22°37'46	4♒19	12°37	1°36	1°20	4° 0	28°43	22°38	28°55	7°20	21°27	21°23	9°51	n.a.	W20
T 21	1 39 38	23°38'32	16°22	12°47	2°51	1°57	3°56	28°47	22°36	28°58	7°19	21°26	21°20	9°57	n.a.	T 21
F 22	1 43 35	24°39'19	28°41	12°R48	4° 6	2°33	3°51	28°51	22°34	29° 0	7°18	21°22	21°17	10° 4	n.a.	F 22
S 23	1 47 32	25°40'07	11♓19	12°40	5°22	3°10	3°46	28°56	22°32	29° 2	7°17	21°16	21°14	10°11	n.a.	S 23
S 24	1 51 28	26°40'56	24°20	12°21	6°37	3°46	3°41	29° 0	22°30	29° 4	7°16	21° 7	21°10	10°17	n.a.	S 24
M25	1 55 25	27°41'47	7♈44	11°51	7°52	4°22	3°36	29° 5	22°29	29° 7	7°15	20°55	21° 7	10°24	n.a.	M25
T 26	1 59 21	28°42'39	21°31	11°11	9° 8	4°59	3°30	29° 9	22°27	29° 9	7°14	20°43	21° 4	10°30	n.a.	T 26
W27	2 3 18	29°43'32	5♉37	10°20	10°23	5°35	3°25	29°14	22°25	29°11	7°12	20°30	21° 1	10°37	n.a.	W27
T 28	2 7 14	0♏44'26	19°56	9°19	11°38	6°11	3°19	29°19	22°23	29°13	7°11	20°19	20°58	10°44	n.a.	T 28
F 29	2 11 11	1°45'22	4♊23	8° 9	12°54	6°47	3°13	29°23	22°21	29°16	7°10	20°10	20°54	10°50	n.a.	F 29
S 30	2 15 7	2°46'19	18°51	6°53	14° 9	7°24	3° 7	29°28	22°20	29°18	7° 9	20° 4	20°51	10°57	n.a.	S 30
S 31	2 19 4	3♏47'18	3♋15	5♏32	15♏24	8♍ 0	3♊ 1	29♐33	22♓18	29♎20	7♉ 8	20♑ 1	20♑48	11♑ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s24	23n17	4n19	11s24	2s 7	2s13	0n58	16n24	1n23	20n47	0s36	23s44	0s 1	3s22	0s46	9s14	1n53	2n56	11s56	21s43	21s51	24s49		n.a.
S 2	1 48	25 30	3 33	11 59	2 12	2 45	0 56	16 13	1 24	20 47	0 36	23 44	0 1	3 23	0 46	9 14	1 53	2 56	11 57	21 44	21 52	24 47		n.a.
S 3	2 12	26 6	2 35	12 32	2 17	3 16	0 54	16 1	1 24	20 47	0 36	23 44	0 1	3 24	0 46	9 15	1 53	2 55	11 57	21 44	21 52	24 46		n.a.
M 4	2 36	25 0	1 26	13 5	2 21	3 48	0 52	15 49	1 24	20 47	0 36	23 44	0 1	3 25	0 46	9 16	1 53	2 55	11 57	21 44	21 53	24 45		n.a.
T 5	3 0	22 20	0 13	13 36	2 25	4 19	0 50	15 37	1 24	20 46	0 36	23 44	0 1	3 26	0 46	9 17	1 53	2 55	11 57	21 44	21 53	24 44		n.a.
W 6	3 24	18 19	1s 2	14 7	2 29	4 51	0 49	15 26	1 25	20 46	0 36	23 44	0 1	3 27	0 46	9 17	1 53	2 54	11 57	21 44	21 54	24 42		n.a.
T 7	3 49	13 18	2 12	14 36	2 33	5 22	0 47	15 14	1 25	20 46	0 36	23 44	0 1	3 28	0 45	9 18	1 53	2 54	11 57	21 45	21 54	24 41		n.a.
F 8	4 13	7 37	3 14	15 4	2 36	5 53	0 45	15 1	1 25	20 45	0 35	23 44	0 1	3 29	0 45	9 19	1 53	2 54	11 57	21 46	21 55	24 40		n.a.
S 9	4 37	1 38	4 3	15 30	2 39	6 24	0 43	14 49	1 26	20 45	0 35	23 45	0 1	3 30	0 45	9 20	1 53	2 53	11 57	21 47	21 55	24 38		n.a.
S 10	5 0	4s22	4 38	15 55	2 41	6 55	0 40	14 37	1 26	20 45	0 35	23 45	0 1	3 30	0 45	9 21	1 52	2 53	11 57	21 49	21 56	24 37		n.a.
M11	5 24	10 3	4 57	16 19	2 42	7 26	0 38	14 25	1 26	20 44	0 35	23 45	0 1	3 31	0 45	9 21	1 52	2 52	11 57	21 51	21 56	24 36		n.a.
T 12	5 48	15 10	4 59	16 40	2 43	7 56	0 36	14 12	1 27	20 44	0 35	23 45	0 1	3 32	0 45	9 22	1 52	2 52	11 57	21 53	21 57	24 34		n.a.
W13	6 12	19 28	4 46	16 59	2 44	8 27	0 34	14 0	1 27	20 43	0 35	23 45	0 2	3 33	0 45	9 23	1 52	2 52	11 57	21 55	21 57	24 33		n.a.
T 14	6 35	22 47	4 19	17 16	2 43	8 57	0 32	13 48	1 27	20 43	0 35	23 45	0 2	3 34	0 45	9 24	1 52	2 51	11 57	21 57	21 58	24 32		n.a.
F 15	6 59	24 58	3 40	17 31	2 42	9 27	0 30	13 35	1 28	20 42	0 35	23 45	0 2	3 35	0 45	9 25	1 52	2 51	11 58	21 58	21 58	24 31		n.a.
S 16	7 22	25 56	2 52	17 44	2 40	9 57	0 27	13 22	1 28	20 41	0 35	23 45	0 2	3 36	0 45	9 25	1 52	2 50	11 58	21 59	21 59	24 29		n.a.
S 17	7 45	25 41	1 57	17 53	2 36	10 26	0 25	13 10	1 28	20 41	0 35	23 46	0 2	3 36	0 45	9 26	1 52	2 50	11 58	22 0	21 59	24 28		n.a.
M18	8 9	24 15	0 57	17 59	2 32	10 56	0 23	12 57	1 29	20 40	0 35	23 46	0 2	3 37	0 45	9 27	1 52	2 50	11 58	22 0	22 0	24 26		n.a.
T 19	8 32	21 45	0n 5	18 2	2 27	11 25	0 21	12 44	1 29	20 39	0 35	23 46	0 2	3 38	0 45	9 28	1 52	2 49	11 58	22 0	22 0	24 25		n.a.
W20	8 55	18 19	1 8	18 2	2 20	11 53	0 18	12 31	1 29	20 38	0 35	23 46	0 2	3 39	0 45	9 29	1 52	2 49	11 58	22 0	22 1	24 24		n.a.
T 21	9 17	14 6	2 8	17 57	2 12	12 22	0 16	12 18	1 29	20 38	0 35	23 46	0 2	3 40	0 45	9 30	1 52	2 49	11 58	22 0	22 1	24 22		n.a.
F 22	9 40	9 13	3 3	17 48	2 2	12 50	0 14	12 5	1 30	20 37	0 35	23 46	0 2	3 40	0 45	9 30	1 52	2 48	11 58	22 1	22 2	24 21		n.a.
S 23	10 3	3 51	3 51	17 35	1 51	13 18	0 11	11 52	1 30	20 36	0 35	23 46	0 2	3 41	0 45	9 31	1 52	2 48	11 58	22 2	22 2	24 20		n.a.
S 24	10 25	1n50	4 29	17 17	1 38	13 45	0 9	11 39	1 30	20 35	0 35	23 46	0 2	3 42	0 45	9 32	1 52	2 47	11 58	22 3	22 3	24 18		n.a.
M25	10 47	7 35	4 53	16 54	1 23	14 12	0 6	11 26	1 31	20 34	0 35	23 47	0 2	3 43	0 45	9 33	1 52	2 47	11 58	22 5	22 3	24 17		n.a.
T 26	11 9	13 7	5 0	16 26	1 7	14 39	0 4	11 13	1 31	20 33	0 35	23 47	0 3	3 43	0 45	9 34	1 52	2 47	11 58	22 7	22 4	24 15		n.a.
W27	11 31	18 6	4 50	15 53	0 49	15 6	0 2	10 59	1 31	20 32	0 34	23 47	0 3	3 44	0 45	9 34	1 52	2 46	11 58	22 9	22 4	24 14		n.a.
T 28	11 52	22 8	4 22	15 15	0 30	15 32	0s 1	10 46	1 32	20 31	0 34	23 47	0 3	3 45	0 45	9 35	1 52	2 46	11 58	22 11	22 5	24 13		n.a.
F 29	12 14	24 50	3 36	14 34	0 10	15 57	0 3	10 33	1 32	20 30	0 34	23 47	0 3	3 45	0 45	9 36	1 52	2 46	11 58	22 12	22 5	24 11		n.a.
S 30	12 35	25 52	2 37	13 49	0n10	16 22	0 6	10 19	1 32	20 29	0 34	23 47	0 3	3 46	0 45	9 37	1 52	2 45	11 58	22 13	22 6	24 10		n.a.
S 31	12s56	25n 9	1n28	13s 3	0n31	16s47	0s 8	10n 6	1n32	20n28	0s34	23s47	0s 3	3s47	0s45	9s38	1n52	2n45	11s58	22s13	22s 6	24s 8		n.a.

Julian Day Number = 1598607.5, Delta T = 04h00m36s
Ecliptic obliquity = 23°44'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'52, Lahiri = - 8°35'52 Julian Calendar 1 Oct. 337 BCE == Greg. Calendar 26 Sept. 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

NOVEMBER 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 23 1	4♏48'17	17♋31	4°R 9	16♏39	8♍36	2°R55	29♐38	22°R16	29♎23	7°R 7	20°D 0	20♑45	11♑10	n.a.	M 1
T 2	2 26 57	5°49'19	1♌38	2♏48	17°55	9°12	2♊48	29°43	22♓15	29°25	7♉ 6	20°R 0	20°42	11°17	n.a.	T 2
W 3	2 30 54	6°50'21	15°35	1°30	19°10	9°48	2°42	29°49	22°13	29°27	7° 4	20♑ 0	20°39	11°24	n.a.	W 3
T 4	2 34 50	7°51'25	29°22	0°18	20°25	10°24	2°35	29°54	22°12	29°29	7° 3	19°58	20°35	11°30	n.a.	T 4
F 5	2 38 47	8°52'30	12♍58	29♎14	21°41	11° 0	2°28	29°59	22°10	29°31	7° 2	19°54	20°32	11°37	n.a.	F 5
S 6	2 42 43	9°53'36	26°25	28°20	22°56	11°36	2°21	0♑ 5	22° 9	29°34	7° 1	19°47	20°29	11°44	n.a.	S 6
S 7	2 46 40	10°54'43	9♎41	27°37	24°11	12°12	2°14	0°10	22° 7	29°36	7° 0	19°37	20°26	11°50	n.a.	S 7
M 8	2 50 36	11°55'52	22°46	27° 6	25°27	12°48	2° 7	0°15	22° 6	29°38	6°59	19°25	20°23	11°57	n.a.	M 8
T 9	2 54 33	12°57'01	5♏38	26°45	26°42	13°24	2° 0	0°21	22° 5	29°40	6°58	19°12	20°20	12° 4	n.a.	T 9
W10	2 58 30	13°58'11	18°17	26°D36	27°57	13°59	1°52	0°27	22° 3	29°43	6°56	19° 0	20°16	12°10	n.a.	W10
T 11	3 2 26	14°59'22	0♐42	26°37	29°12	14°35	1°45	0°32	22° 2	29°45	6°55	18°50	20°13	12°17	n.a.	T 11
F 12	3 6 23	16° 0'34	12°55	26°48	0♐28	15°11	1°37	0°38	22° 1	29°47	6°54	18°41	20°10	12°24	n.a.	F 12
S 13	3 10 19	17° 1'46	24°55	27° 7	1°43	15°47	1°30	0°44	22° 0	29°49	6°53	18°35	20° 7	12°30	n.a.	S 13
S 14	3 14 16	18° 2'58	6♑48	27°35	2°58	16°22	1°22	0°50	21°59	29°51	6°52	18°32	20° 4	12°37	n.a.	S 14
M15	3 18 12	19° 4'11	18°35	28°10	4°13	16°58	1°14	0°56	21°58	29°54	6°51	18°D32	20° 0	12°43	n.a.	M15
T 16	3 22 9	20° 5'24	0♒21	28°52	5°28	17°33	1° 6	1° 2	21°57	29°56	6°50	18°32	19°57	12°50	n.a.	T 16
W17	3 26 5	21° 6'38	12°12	29°39	6°44	18° 9	0°58	1° 8	21°56	29°58	6°49	18°33	19°54	12°57	n.a.	W17
T 18	3 30 2	22° 7'51	24°12	0♏32	7°59	18°44	0°50	1°14	21°55	29°59	6°47	18°R33	19°51	13° 3	n.a.	T 18
F 19	3 33 59	23° 9'05	6♓28	1°29	9°14	19°20	0°42	1°20	21°54	0♏ 2	6°46	18°32	19°48	13°10	n.a.	F 19
S 20	3 37 55	24°10'19	19° 5	2°30	10°29	19°55	0°34	1°26	21°53	0° 4	6°45	18°29	19°45	13°17	n.a.	S 20
S 21	3 41 52	25°11'33	2♈ 5	3°34	11°44	20°30	0°26	1°32	21°53	0° 6	6°44	18°24	19°41	13°23	n.a.	S 21
M22	3 45 48	26°12'47	15°33	4°41	12°59	21° 5	0°18	1°38	21°52	0° 8	6°43	18°16	19°38	13°30	n.a.	M22
T 23	3 49 45	27°14'01	29°28	5°52	14°15	21°41	0°10	1°45	21°51	0°10	6°42	18° 8	19°35	13°37	n.a.	T 23
W24	3 53 41	28°15'15	13♉48	7° 4	15°30	22°16	0° 2	1°51	21°51	0°13	6°41	17°59	19°32	13°43	n.a.	W24
T 25	3 57 38	29°16'30	28°27	8°19	16°45	22°51	29♉54	1°57	21°50	0°15	6°40	17°51	19°29	13°50	n.a.	T 25
F 26	4 1 35	0♐17'44	13♊18	9°35	18° 0	23°26	29°46	2° 4	21°50	0°17	6°39	17°45	19°26	13°57	n.a.	F 26
S 27	4 5 31	1°18'59	28°12	10°53	19°15	24° 1	29°38	2°10	21°49	0°19	6°38	17°42	19°22	14° 3	n.a.	S 27
S 28	4 9 28	2°20'14	13♋ 2	12°12	20°30	24°36	29°29	2°17	21°49	0°21	6°37	17°D40	19°19	14°10	n.a.	S 28
M29	4 13 24	3°21'30	27°41	13°33	21°45	25°11	29°21	2°23	21°49	0°23	6°36	17°40	19°16	14°17	n.a.	M29
T 30	4 17 21	4♐22'45	12♌ 4	14♏55	23♐ 0	25♍46	29♉13	2♑30	21♓48	0♏25	6♉35	17♑41	19♑13	14♑23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s17	22n47	0n13	12s16	0n51	17s12	0s11	9n53	1n33	20n27	0s34	23s47	0s 3	3s47	0s45	9s38	1n52	2n45	11s58	22s14	22s 7	24s 7		n.a.
T 2	13 38	19 3	1s 1	11 30	1 10	17 35	0 13	9 39	1 33	20 25	0 34	23 47	0 3	3 48	0 45	9 39	1 52	2 44	11 58	22 14	22 7	24 5		n.a.
W 3	13 58	14 16	2 11	10 45	1 29	17 59	0 16	9 26	1 33	20 24	0 34	23 47	0 3	3 49	0 45	9 40	1 52	2 44	11 58	22 14	22 8	24 4		n.a.
T 4	14 18	8 50	3 13	10 5	1 45	18 22	0 18	9 12	1 34	20 23	0 34	23 47	0 3	3 49	0 45	9 41	1 52	2 44	11 58	22 14	22 8	24 3		n.a.
F 5	14 38	3 3	4 2	9 29	2 0	18 44	0 20	8 58	1 34	20 22	0 34	23 48	0 3	3 50	0 45	9 42	1 52	2 43	11 58	22 14	22 9	24 1		n.a.
S 6	14 58	2s48	4 38	8 58	2 12	19 6	0 23	8 45	1 34	20 20	0 34	23 48	0 3	3 50	0 45	9 42	1 52	2 43	11 58	22 16	22 9	24 0		n.a.
S 7	15 17	8 26	4 58	8 33	2 22	19 28	0 25	8 31	1 34	20 19	0 34	23 48	0 3	3 51	0 45	9 43	1 52	2 43	11 58	22 17	22 10	23 58		n.a.
M 8	15 36	13 37	5 2	8 14	2 30	19 48	0 28	8 18	1 35	20 18	0 33	23 48	0 4	3 51	0 45	9 44	1 52	2 42	11 57	22 19	22 10	23 57		n.a.
T 9	15 55	18 7	4 50	8 1	2 37	20 9	0 30	8 4	1 35	20 16	0 33	23 48	0 4	3 52	0 45	9 45	1 52	2 42	11 57	22 21	22 11	23 55		n.a.
W10	16 14	21 43	4 24	7 53	2 41	20 28	0 32	7 50	1 35	20 15	0 33	23 48	0 4	3 52	0 45	9 45	1 52	2 42	11 57	22 22	22 11	23 54		n.a.
T 11	16 32	24 14	3 46	7 51	2 43	20 48	0 35	7 36	1 36	20 14	0 33	23 48	0 4	3 53	0 45	9 46	1 52	2 41	11 57	22 24	22 12	23 52		n.a.
F 12	16 50	25 34	2 58	7 54	2 44	21 6	0 37	7 23	1 36	20 12	0 33	23 48	0 4	3 53	0 45	9 47	1 52	2 41	11 57	22 25	22 12	23 51		n.a.
S 13	17 8	25 41	2 3	8 2	2 44	21 24	0 39	7 9	1 36	20 11	0 33	23 48	0 4	3 53	0 44	9 48	1 52	2 41	11 57	22 26	22 13	23 49		n.a.
S 14	17 25	24 36	1 2	8 13	2 42	21 42	0 42	6 55	1 36	20 9	0 33	23 48	0 4	3 54	0 44	9 48	1 52	2 41	11 57	22 26	22 13	23 48		n.a.
M15	17 42	22 26	0n 0	8 28	2 40	21 58	0 44	6 41	1 37	20 8	0 33	23 48	0 4	3 54	0 44	9 49	1 52	2 40	11 57	22 26	22 13	23 46		n.a.
T 16	17 59	19 18	1 3	8 46	2 36	22 14	0 46	6 28	1 37	20 6	0 32	23 48	0 4	3 55	0 44	9 50	1 52	2 40	11 57	22 26	22 14	23 45		n.a.
W17	18 16	15 22	2 4	9 7	2 32	22 30	0 48	6 14	1 37	20 5	0 32	23 48	0 4	3 55	0 44	9 51	1 52	2 40	11 57	22 26	22 14	23 43		n.a.
T 18	18 32	10 48	3 0	9 30	2 27	22 45	0 50	6 0	1 37	20 3	0 32	23 48	0 4	3 55	0 44	9 51	1 53	2 40	11 57	22 26	22 15	23 42		n.a.
F 19	18 47	5 43	3 49	9 55	2 22	22 59	0 53	5 46	1 38	20 2	0 32	23 48	0 4	3 56	0 44	9 52	1 53	2 39	11 57	22 26	22 15	23 40		n.a.
S 20	19 3	0 17	4 28	10 22	2 16	23 12	0 55	5 32	1 38	20 0	0 32	23 48	0 4	3 56	0 44	9 53	1 53	2 39	11 56	22 27	22 16	23 39		n.a.
S 21	19 18	5n20	4 55	10 50	2 10	23 25	0 57	5 19	1 38	19 59	0 32	23 48	0 4	3 56	0 44	9 54	1 53	2 39	11 56	22 27	22 16	23 37		n.a.
M22	19 33	10 54	5 7	11 19	2 3	23 37	0 59	5 5	1 38	19 57	0 32	23 48	0 5	3 56	0 44	9 54	1 53	2 39	11 56	22 28	22 17	23 35		n.a.
T 23	19 47	16 6	5 1	11 49	1 56	23 48	1 1	4 51	1 39	19 55	0 32	23 48	0 5	3 57	0 44	9 55	1 53	2 38	11 56	22 29	22 17	23 34		n.a.
W24	20 1	20 34	4 37	12 20	1 49	23 59	1 3	4 37	1 39	19 54	0 31	23 48	0 5	3 57	0 44	9 56	1 53	2 38	11 56	22 31	22 18	23 32		n.a.
T 25	20 15	23 52	3 54	12 51	1 42	24 9	1 5	4 23	1 39	19 52	0 31	23 48	0 5	3 57	0 44	9 56	1 53	2 38	11 56	22 32	22 18	23 31		n.a.
F 26	20 28	25 34	2 55	13 23	1 34	24 18	1 7	4 9	1 39	19 51	0 31	23 48	0 5	3 57	0 44	9 57	1 53	2 38	11 56	22 33	22 19	23 29		n.a.
S 27	20 41	25 27	1 43	13 54	1 27	24 26	1 9	3 56	1 40	19 49	0 31	23 48	0 5	3 57	0 44	9 58	1 53	2 38	11 56	22 33	22 19	23 28		n.a.
S 28	20 53	23 30	0 25	14 26	1 19	24 34	1 10	3 42	1 40	19 47	0 31	23 48	0 5	3 57	0 44	9 59	1 53	2 37	11 55	22 33	22 20	23 26		n.a.
M29	21 5	20 0	0s54	14 58	1 11	24 41	1 12	3 28	1 40	19 46	0 31	23 48	0 5	3 57	0 44	9 59	1 53	2 37	11 55	22 33	22 20	23 24		n.a.
T 30	21s17	15n20	2s 8	15s30	1n 3	24s47	1s14	3n14	1n40	19n44	0s30	23s48	0s 5	3s58	0s44	10s 0	1n53	2n37	11s55	22s33	22s20	23s23		n.a.

Julian Day Number = 1598638.5, Delta T = 04h00m35s
Ecliptic obliquity = 23°44'13, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'48, Lahiri = - 8°35'48 Julian Calendar 1 Nov. 337 BCE == Greg. Calendar 27 Oct. 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 337 BCE
geocentric

DECEMBER 337 BCE (-336) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 21 17	5♐24'01	26♌ 9	16♏18	24♐15	26♍20	29°R 5	2♑37	21°R48	0♏26	6°R34	17♑43	19♑10	14♑30	n.a.	W 1
T 2	4 25 14	6°25'17	9♍56	17°42	25°30	26°55	28♉57	2°43	21♓48	0°28	6♉33	17°R43	19° 6	14°36	n.a.	T 2
F 3	4 29 10	7°26'33	23°25	19° 7	26°45	27°30	28°49	2°50	21°48	0°30	6°32	17°42	19° 3	14°43	n.a.	F 3
S 4	4 33 7	8°27'49	6♎37	20°32	28° 0	28° 4	28°41	2°57	21°48	0°32	6°31	17°39	19° 0	14°50	n.a.	S 4
S 5	4 37 4	9°29'05	19°35	21°58	29°15	28°39	28°33	3° 3	21°D48	0°34	6°30	17°34	18°57	14°56	n.a.	S 5
M 6	4 41 0	10°30'21	2♏19	23°25	0♑30	29°13	28°25	3°10	21°48	0°36	6°29	17°27	18°54	15° 3	n.a.	M 6
T 7	4 44 57	11°31'37	14°50	24°53	1°45	29°48	28°18	3°17	21°48	0°38	6°28	17°20	18°51	15°10	n.a.	T 7
W 8	4 48 53	12°32'53	27°11	26°21	3° 0	0♎22	28°10	3°24	21°48	0°40	6°27	17°14	18°47	15°16	n.a.	W 8
T 9	4 52 50	13°34'09	9♐22	27°50	4°15	0°56	28° 2	3°31	21°48	0°41	6°26	17° 8	18°44	15°23	n.a.	T 9
F 10	4 56 46	14°35'24	21°24	29°19	5°30	1°31	27°55	3°38	21°48	0°43	6°25	17° 4	18°41	15°30	n.a.	F 10
S 11	5 0 43	15°36'39	3♑18	0♐49	6°45	2° 5	27°47	3°45	21°49	0°45	6°25	17° 1	18°38	15°36	n.a.	S 11
S 12	5 4 39	16°37'53	15° 7	2°19	7°59	2°39	27°40	3°52	21°49	0°47	6°24	17°D 0	18°35	15°43	n.a.	S 12
M13	5 8 36	17°39'06	26°53	3°50	9°14	3°13	27°33	3°59	21°49	0°48	6°23	17° 0	18°32	15°50	n.a.	M13
T 14	5 12 33	18°40'19	8♒40	5°22	10°29	3°47	27°26	4° 6	21°50	0°50	6°22	17° 2	18°28	15°56	n.a.	T 14
W15	5 16 29	19°41'31	20°31	6°53	11°44	4°20	27°19	4°13	21°50	0°52	6°21	17° 4	18°25	16° 3	n.a.	W15
T 16	5 20 26	20°42'42	2♓31	8°26	12°59	4°54	27°12	4°20	21°51	0°53	6°20	17° 5	18°22	16° 9	n.a.	T 16
F 17	5 24 22	21°43'52	14°44	9°59	14°13	5°28	27° 5	4°27	21°51	0°55	6°20	17° 6	18°19	16°16	n.a.	F 17
S 18	5 28 19	22°45'01	27°15	11°32	15°28	6° 1	26°58	4°34	21°52	0°56	6°19	17°R 7	18°16	16°23	n.a.	S 18
S 19	5 32 15	23°46'09	10♈10	13° 6	16°43	6°35	26°52	4°41	21°53	0°58	6°18	17° 6	18°12	16°29	n.a.	S 19
M20	5 36 12	24°47'16	23°31	14°41	17°58	7° 8	26°45	4°48	21°53	0°59	6°17	17° 4	18° 9	16°36	n.a.	M20
T 21	5 40 9	25°48'22	7♉20	16°16	19°12	7°41	26°39	4°55	21°54	1° 1	6°17	17° 1	18° 6	16°43	n.a.	T 21
W22	5 44 5	26°49'27	21°36	17°52	20°27	8°15	26°33	5° 2	21°55	1° 2	6°16	16°58	18° 3	16°49	n.a.	W22
T 23	5 48 2	27°50'30	6♊18	19°28	21°41	8°48	26°27	5° 9	21°56	1° 4	6°15	16°55	18° 0	16°56	n.a.	T 23
F 24	5 51 58	28°51'33	21°18	21° 5	22°56	9°21	26°21	5°17	21°57	1° 5	6°15	16°53	17°57	17° 3	n.a.	F 24
S 25	5 55 55	29°52'35	6♋28	22°42	24°11	9°54	26°15	5°24	21°58	1° 7	6°14	16°52	17°53	17° 9	n.a.	S 25
S 26	5 59 51	0♑53'36	21°39	24°20	25°25	10°27	26°10	5°31	21°59	1° 8	6°13	16°D52	17°50	17°16	n.a.	S 26
M27	6 3 48	1°54'35	6♌40	25°59	26°40	10°59	26° 4	5°38	22° 0	1° 9	6°13	16°52	17°47	17°23	n.a.	M27
T 28	6 7 44	2°55'34	21°25	27°38	27°54	11°32	25°59	5°45	22° 1	1°11	6°12	16°53	17°44	17°29	n.a.	T 28
W29	6 11 41	3°56'32	5♍49	29°19	29° 8	12° 5	25°54	5°52	22° 3	1°12	6°12	16°55	17°41	17°36	n.a.	W29
T 30	6 15 38	4°57'29	19°47	0♑59	0♒23	12°37	25°49	6° 0	22° 4	1°13	6°11	16°55	17°38	17°43	n.a.	T 30
F 31	6 19 34	5♑58'25	3♎22	2♑41	1♒37	13♎ 9	25♉45	6♑ 7	22♓ 5	1♏14	6♉11	16°R56	17♑34	17♑49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21s28	9n55	3s14	16s 2	0n56	24s52	1s15	3n 0	1n41	19n43	0s30	23s48	0s 5	3s58	0s44	10s 0	1n53	2n37	11s55	22s33	22s21	23s21			n.a.
T 2	21 39	4 9	4 6	16 33	0 48	24 57	1 17	2 47	1 41	19 41	0 30	23 48	0 5	3 58	0 44	10 1	1 53	2 37	11 55	22 33	22 21	23 20			n.a.
F 3	21 49	1s41	4 43	17 4	0 40	25 0	1 19	2 33	1 41	19 39	0 30	23 48	0 5	3 58	0 44	10 2	1 53	2 37	11 55	22 33	22 22	23 18			n.a.
S 4	21 59	7 19	5 5	17 35	0 33	25 3	1 20	2 19	1 41	19 38	0 30	23 48	0 5	3 58	0 44	10 2	1 53	2 36	11 54	22 33	22 22	23 16			n.a.
S 5	22 9	12 31	5 10	18 5	0 25	25 6	1 22	2 6	1 41	19 36	0 30	23 48	0 5	3 58	0 44	10 3	1 53	2 36	11 54	22 34	22 23	23 15			n.a.
M 6	22 18	17 7	5 0	18 35	0 18	25 7	1 23	1 52	1 42	19 35	0 29	23 47	0 6	3 58	0 44	10 4	1 53	2 36	11 54	22 35	22 23	23 13			n.a.
T 7	22 27	20 53	4 36	19 4	0 10	25 8	1 24	1 38	1 42	19 33	0 29	23 47	0 6	3 58	0 44	10 4	1 53	2 36	11 54	22 36	22 24	23 12			n.a.
W 8	22 35	23 39	3 59	19 32	0 3	25 8	1 26	1 25	1 42	19 31	0 29	23 47	0 6	3 57	0 44	10 5	1 53	2 36	11 54	22 37	22 24	23 10			n.a.
T 9	22 43	25 17	3 11	20 0	0s 4	25 7	1 27	1 11	1 42	19 30	0 29	23 47	0 6	3 57	0 43	10 5	1 53	2 36	11 53	22 37	22 24	23 8			n.a.
F 10	22 50	25 43	2 16	20 26	0 11	25 5	1 28	0 57	1 43	19 28	0 29	23 47	0 6	3 57	0 43	10 6	1 53	2 36	11 53	22 38	22 25	23 7			n.a.
S 11	22 57	24 56	1 14	20 52	0 18	25 3	1 29	0 44	1 43	19 27	0 29	23 47	0 6	3 57	0 43	10 7	1 53	2 36	11 53	22 38	22 25	23 5			n.a.
S 12	23 3	23 2	0 10	21 18	0 25	25 0	1 30	0 30	1 43	19 25	0 28	23 47	0 6	3 57	0 43	10 7	1 53	2 36	11 53	22 38	22 26	23 3			n.a.
M13	23 9	20 9	0n54	21 42	0 32	24 56	1 31	0 17	1 43	19 24	0 28	23 47	0 6	3 57	0 43	10 8	1 53	2 36	11 53	22 38	22 26	23 2			n.a.
T 14	23 15	16 27	1 56	22 5	0 38	24 51	1 32	0 3	1 43	19 22	0 28	23 46	0 6	3 56	0 43	10 8	1 53	2 35	11 52	22 38	22 27	23 0			n.a.
W15	23 20	12 5	2 54	22 28	0 45	24 45	1 33	0s10	1 44	19 21	0 28	23 46	0 6	3 56	0 43	10 9	1 53	2 35	11 52	22 38	22 27	22 58			n.a.
T 16	23 24	7 13	3 45	22 49	0 51	24 39	1 34	0 23	1 44	19 20	0 28	23 46	0 6	3 56	0 43	10 9	1 53	2 35	11 52	22 38	22 28	22 57			n.a.
F 17	23 28	1 59	4 27	23 10	0 57	24 32	1 35	0 37	1 44	19 18	0 27	23 46	0 6	3 56	0 43	10 10	1 54	2 35	11 52	22 38	22 28	22 55			n.a.
S 18	23 32	3n26	4 57	23 29	1 3	24 24	1 35	0 50	1 44	19 17	0 27	23 46	0 6	3 55	0 43	10 10	1 54	2 35	11 52	22 38	22 28	22 53			n.a.
S 19	23 35	8 52	5 13	23 47	1 8	24 16	1 36	1 3	1 44	19 16	0 27	23 46	0 7	3 55	0 43	10 11	1 54	2 35	11 51	22 38	22 29	22 51			n.a.
M20	23 38	14 5	5 14	24 4	1 14	24 6	1 36	1 16	1 44	19 14	0 27	23 45	0 7	3 55	0 43	10 11	1 54	2 35	11 51	22 38	22 29	22 50			n.a.
T 21	23 40	18 47	4 56	24 20	1 19	23 56	1 37	1 29	1 45	19 13	0 27	23 45	0 7	3 54	0 43	10 12	1 54	2 35	11 51	22 38	22 30	22 48			n.a.
W22	23 42	22 34	4 20	24 34	1 24	23 46	1 37	1 43	1 45	19 12	0 26	23 45	0 7	3 54	0 43	10 12	1 54	2 35	11 51	22 39	22 30	22 46			n.a.
T 23	23 43	25 0	3 26	24 47	1 28	23 34	1 37	1 56	1 45	19 10	0 26	23 45	0 7	3 54	0 43	10 13	1 54	2 35	11 50	22 39	22 31	22 45			n.a.
F 24	23 44	25 43	2 17	24 59	1 33	23 22	1 38	2 9	1 45	19 9	0 26	23 45	0 7	3 53	0 43	10 13	1 54	2 35	11 50	22 39	22 31	22 43			n.a.
S 25	23 44	24 32	0 57	25 9	1 37	23 9	1 38	2 22	1 45	19 8	0 26	23 44	0 7	3 53	0 43	10 14	1 54	2 35	11 50	22 39	22 31	22 41			n.a.
S 26	23 44	21 32	0s26	25 18	1 41	22 55	1 38	2 34	1 45	19 7	0 26	23 44	0 7	3 52	0 43	10 14	1 54	2 35	11 50	22 39	22 32	22 39			n.a.
M27	23 43	17 6	1 48	25 25	1 45	22 41	1 38	2 47	1 45	19 6	0 26	23 44	0 7	3 52	0 43	10 14	1 54	2 35	11 49	22 39	22 32	22 38			n.a.
T 28	23 42	11 42	3 0	25 31	1 48	22 26	1 38	3 0	1 46	19 5	0 25	23 44	0 7	3 51	0 43	10 15	1 54	2 35	11 49	22 39	22 33	22 36			n.a.
W29	23 41	5 47	3 59	25 35	1 51	22 11	1 38	3 13	1 46	19 4	0 25	23 44	0 7	3 51	0 43	10 15	1 54	2 36	11 49	22 39	22 33	22 34			n.a.
T 30	23 39	0s14	4 43	25 37	1 53	21 55	1 38	3 25	1 46	19 3	0 25	23 43	0 7	3 50	0 43	10 16	1 54	2 36	11 49	22 39	22 34	22 32			n.a.
F 31	23s36	6s 4	5s 9	25s38	1s56	21s38	1s37	3s38	1n46	19n 2	0s25	23s43	0s 7	3s50	0s43	10s16	1n54	2n36	11s48	22s39	22s34	22s31			n.a.

Julian Day Number = 1598668.5, Delta T = 04h00m34s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'44, Lahiri = - 8°35'44 Julian Calendar 1 Dec. 337 BCE == Greg. Calendar 26 Nov. 337 BCE

The year -336 astronomical counting style corresponds to year 337 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

JANUARY 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 23 31	6♑59'20	16♎32	4♑23	2♒51	13♎42	25°R40	6♑14	22♓ 6	1♏16	6°R10	16°R56	17♑31	17♑56	n.a.	S 1
S 2	6 27 27	8° 0'14	29°23	6° 6	4° 6	14°14	25♉36	6°21	22° 8	1°17	6♉10	16♑55	17°28	18° 2	n.a.	S 2
M 3	6 31 24	9° 1'07	11♏55	7°50	5°20	14°46	25°32	6°28	22° 9	1°18	6° 9	16°54	17°25	18° 9	n.a.	M 3
T 4	6 35 20	10° 1'59	24°14	9°34	6°34	15°18	25°28	6°35	22°11	1°19	6° 9	16°53	17°22	18°16	n.a.	T 4
W 5	6 39 17	11° 2'51	6♐20	11°19	7°48	15°50	25°24	6°43	22°12	1°20	6° 8	16°52	17°18	18°22	n.a.	W 5
T 6	6 43 13	12° 3'40	18°19	13° 5	9° 3	16°21	25°20	6°50	22°14	1°21	6° 8	16°52	17°15	18°29	n.a.	T 6
F 7	6 47 10	13° 4'29	0♑11	14°51	10°17	16°53	25°17	6°57	22°16	1°22	6° 8	16°51	17°12	18°36	n.a.	F 7
S 8	6 51 7	14° 5'16	12° 0	16°39	11°31	17°24	25°14	7° 4	22°17	1°23	6° 7	16°D51	17° 9	18°42	n.a.	S 8
S 9	6 55 3	15° 6'02	23°47	18°27	12°45	17°55	25°11	7°11	22°19	1°24	6° 7	16°51	17° 6	18°49	n.a.	S 9
M10	6 59 0	16° 6'46	5♒35	20°15	13°59	18°27	25° 8	7°18	22°21	1°25	6° 7	16°51	17° 3	18°56	n.a.	M10
T 11	7 2 56	17° 7'28	17°25	22° 4	15°13	18°58	25° 5	7°26	22°23	1°26	6° 6	16°R51	16°59	19° 2	n.a.	T 11
W12	7 6 53	18° 8'09	29°21	23°54	16°27	19°29	25° 3	7°33	22°24	1°27	6° 6	16°51	16°56	19° 9	n.a.	W12
T 13	7 10 49	19° 8'48	11♓26	25°44	17°41	19°59	25° 0	7°40	22°26	1°28	6° 6	16°51	16°53	19°16	n.a.	T 13
F 14	7 14 46	20° 9'25	23°41	27°34	18°55	20°30	24°58	7°47	22°28	1°28	6° 6	16°50	16°50	19°22	n.a.	F 14
S 15	7 18 42	21°10'00	6♈13	29°25	20° 8	21° 0	24°56	7°54	22°30	1°29	6° 5	16°50	16°47	19°29	n.a.	S 15
S 16	7 22 39	22°10'33	19° 3	1♒15	21°22	21°31	24°55	8° 1	22°32	1°30	6° 5	16°D50	16°44	19°36	n.a.	S 16
M17	7 26 36	23°11'04	2♉15	3° 6	22°36	22° 1	24°53	8° 8	22°34	1°31	6° 5	16°50	16°40	19°42	n.a.	M17
T 18	7 30 32	24°11'34	15°52	4°56	23°49	22°31	24°52	8°15	22°37	1°31	6° 5	16°50	16°37	19°49	n.a.	T 18
W19	7 34 29	25°12'01	29°55	6°46	25° 3	23° 0	24°51	8°22	22°39	1°32	6° 5	16°51	16°34	19°55	n.a.	W19
T 20	7 38 25	26°12'27	14♊24	8°34	26°17	23°30	24°50	8°29	22°41	1°32	6° 5	16°52	16°31	20° 2	n.a.	T 20
F 21	7 42 22	27°12'50	29°14	10°21	27°30	24° 0	24°49	8°36	22°43	1°33	6° 5	16°53	16°28	20° 9	n.a.	F 21
S 22	7 46 18	28°13'11	14♋20	12° 7	28°43	24°29	24°49	8°43	22°45	1°33	6° 5	16°R53	16°24	20°15	n.a.	S 22
S 23	7 50 15	29°13'31	29°34	13°51	29°57	24°58	24°49	8°50	22°48	1°34	6° 5	16°53	16°21	20°22	n.a.	S 23
M24	7 54 12	0♒13'49	14♌45	15°32	1♓10	25°27	24°D49	8°57	22°50	1°34	6°D 5	16°52	16°18	20°29	n.a.	M24
T 25	7 58 8	1°14'04	29°45	17°10	2°23	25°56	24°49	9° 3	22°52	1°35	6° 5	16°50	16°15	20°35	n.a.	T 25
W26	8 2 5	2°14'18	14♍24	18°44	3°37	26°25	24°49	9°10	22°55	1°35	6° 5	16°48	16°12	20°42	n.a.	W26
T 27	8 6 1	3°14'31	28°38	20°15	4°50	26°53	24°50	9°17	22°57	1°36	6° 5	16°46	16° 9	20°49	n.a.	T 27
F 28	8 9 58	4°14'41	12♎24	21°40	6° 3	27°21	24°50	9°24	23° 0	1°36	6° 5	16°45	16° 5	20°55	n.a.	F 28
S 29	8 13 54	5°14'50	25°43	23° 0	7°16	27°49	24°51	9°31	23° 2	1°36	6° 5	16°43	16° 2	21° 2	n.a.	S 29
S 30	8 17 51	6°14'58	8♏36	24°15	8°29	28°17	24°52	9°37	23° 5	1°36	6° 5	16°D43	15°59	21° 9	n.a.	S 30
M31	8 21 47	7♒15'04	21♏ 6	25♒22	9♓42	28♎45	24♉54	9♑44	23♓ 7	1♏37	6♉ 5	16♑44	15♑56	21♑15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s33	11s27	5s17	25s37	1s58	21s20	1s37	3s51	1n46	19n 1	0s25	23s43	0s 7	3s49	0s43	10s16	1n54	2n36	11s48	22s39	22s34	22s29		n.a.
S 2	23 29	16 12	5 10	25 35	1 59	21 2	1 37	4 3	1 46	19 0	0 24	23 42	0 8	3 49	0 43	10 17	1 54	2 36	11 48	22 39	22 35	22 27		n.a.
M 3	23 26	20 9	4 48	25 30	2 0	20 43	1 36	4 15	1 46	18 59	0 24	23 42	0 8	3 48	0 42	10 17	1 54	2 36	11 48	22 39	22 35	22 25		n.a.
T 4	23 21	23 8	4 13	25 24	2 1	20 24	1 36	4 28	1 46	18 59	0 24	23 42	0 8	3 47	0 42	10 17	1 54	2 36	11 47	22 39	22 36	22 24		n.a.
W 5	23 16	25 2	3 27	25 16	2 1	20 4	1 35	4 40	1 46	18 58	0 24	23 42	0 8	3 47	0 42	10 18	1 55	2 36	11 47	22 39	22 36	22 22		n.a.
T 6	23 11	25 44	2 32	25 6	2 1	19 44	1 34	4 52	1 47	18 57	0 23	23 41	0 8	3 46	0 42	10 18	1 55	2 36	11 47	22 39	22 36	22 20		n.a.
F 7	23 5	25 16	1 31	24 54	2 1	19 23	1 34	5 4	1 47	18 57	0 23	23 41	0 8	3 45	0 42	10 18	1 55	2 36	11 47	22 40	22 37	22 18		n.a.
S 8	22 59	23 38	0 27	24 40	2 0	19 1	1 33	5 17	1 47	18 56	0 23	23 41	0 8	3 45	0 42	10 19	1 55	2 37	11 46	22 40	22 37	22 16		n.a.
S 9	22 52	20 59	0n39	24 24	1 58	18 39	1 32	5 29	1 47	18 56	0 23	23 40	0 8	3 44	0 42	10 19	1 55	2 37	11 46	22 40	22 38	22 15		n.a.
M10	22 45	17 27	1 42	24 6	1 56	18 17	1 31	5 40	1 47	18 55	0 23	23 40	0 8	3 43	0 42	10 19	1 55	2 37	11 46	22 40	22 38	22 13		n.a.
T 11	22 37	13 14	2 42	23 46	1 53	17 54	1 30	5 52	1 47	18 55	0 22	23 40	0 8	3 42	0 42	10 19	1 55	2 37	11 46	22 40	22 38	22 11		n.a.
W12	22 29	8 29	3 35	23 24	1 50	17 30	1 28	6 4	1 47	18 54	0 22	23 39	0 8	3 42	0 42	10 20	1 55	2 37	11 45	22 40	22 39	22 9		n.a.
T 13	22 21	3 22	4 19	23 0	1 46	17 6	1 27	6 16	1 47	18 54	0 22	23 39	0 8	3 41	0 42	10 20	1 55	2 37	11 45	22 40	22 39	22 7		n.a.
F 14	22 12	1n56	4 52	22 34	1 42	16 42	1 26	6 27	1 47	18 54	0 22	23 39	0 8	3 40	0 42	10 20	1 55	2 38	11 45	22 40	22 40	22 6		n.a.
S 15	22 3	7 16	5 13	22 6	1 36	16 17	1 24	6 39	1 47	18 53	0 22	23 38	0 9	3 39	0 42	10 20	1 55	2 38	11 44	22 40	22 40	22 4		n.a.
S 16	21 53	12 26	5 18	21 36	1 31	15 52	1 23	6 50	1 47	18 53	0 21	23 38	0 9	3 38	0 42	10 21	1 55	2 38	11 44	22 40	22 41	22 2		n.a.
M17	21 43	17 11	5 7	21 4	1 24	15 26	1 22	7 2	1 47	18 53	0 21	23 38	0 9	3 37	0 42	10 21	1 55	2 38	11 44	22 40	22 41	22 0		n.a.
T 18	21 32	21 13	4 38	20 31	1 17	15 0	1 20	7 13	1 47	18 53	0 21	23 37	0 9	3 37	0 42	10 21	1 55	2 38	11 44	22 40	22 41	21 58		n.a.
W19	21 22	24 10	3 53	19 55	1 9	14 33	1 18	7 24	1 47	18 53	0 21	23 37	0 9	3 36	0 42	10 21	1 55	2 39	11 43	22 40	22 42	21 56		n.a.
T 20	21 10	25 38	2 51	19 19	1 0	14 7	1 16	7 35	1 47	18 53	0 21	23 37	0 9	3 35	0 42	10 21	1 55	2 39	11 43	22 39	22 42	21 54		n.a.
F 21	20 59	25 21	1 37	18 41	0 51	13 39	1 15	7 46	1 47	18 53	0 20	23 36	0 9	3 34	0 42	10 21	1 55	2 39	11 43	22 39	22 42	21 53		n.a.
S 22	20 46	23 11	0 14	18 1	0 41	13 12	1 13	7 57	1 47	18 53	0 20	23 36	0 9	3 33	0 42	10 21	1 56	2 39	11 42	22 39	22 43	21 51		n.a.
S 23	20 34	19 21	1s10	17 21	0 30	12 44	1 11	8 8	1 47	18 53	0 20	23 35	0 9	3 32	0 42	10 22	1 56	2 40	11 42	22 39	22 43	21 49		n.a.
M24	20 21	14 14	2 29	16 40	0 18	12 16	1 9	8 19	1 47	18 53	0 20	23 35	0 9	3 31	0 42	10 22	1 56	2 40	11 42	22 39	22 44	21 47		n.a.
T 25	20 8	8 20	3 36	15 59	0 6	11 47	1 7	8 29	1 47	18 53	0 20	23 35	0 9	3 30	0 42	10 22	1 56	2 40	11 42	22 40	22 44	21 45		n.a.
W26	19 54	2 6	4 28	15 17	0n 7	11 18	1 5	8 40	1 47	18 54	0 19	23 34	0 9	3 29	0 42	10 22	1 56	2 41	11 41	22 40	22 44	21 43		n.a.
T 27	19 40	4s 3	5 1	14 36	0 20	10 49	1 2	8 50	1 46	18 54	0 19	23 34	0 10	3 28	0 42	10 22	1 56	2 41	11 41	22 40	22 45	21 41		n.a.
F 28	19 26	9 47	5 16	13 55	0 34	10 20	1 0	9 1	1 46	18 54	0 19	23 34	0 10	3 27	0 42	10 22	1 56	2 41	11 41	22 40	22 45	21 39		n.a.
S 29	19 12	14 54	5 13	13 15	0 48	9 50	0 58	9 11	1 46	18 55	0 19	23 33	0 10	3 26	0 42	10 22	1 56	2 41	11 40	22 41	22 46	21 37		n.a.
S 30	18 57	19 10	4 54	12 37	1 3	9 21	0 55	9 21	1 46	18 55	0 19	23 33	0 10	3 25	0 42	10 22	1 56	2 42	11 40	22 41	22 46	21 36		n.a.
M31	18s41	22s27	4s21	12s 0	1n18	8s51	0s53	9s31	1n46	18n56	0s19	23s32	0s10	3s24	0s42	10s22	1n56	2n42	11s40	22s40	22s46	21s34		n.a.

Julian Day Number = 1598699.5, Delta T = 04h00m33s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'40, Lahiri = - 8°35'39 Julian Calendar 1 Jan. 336 BCE == Greg. Calendar 27 Dec. 337 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

FEBRUARY 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 44	8♒15'08	3♐20	26♒23	10♓54	29♎12	24♉55	9♑51	23♓10	1♏37	6♉ 5	16♑45	15♑53	21♑22	n.a.	T 1
W 2	8 29 41	9°15'10	15°20	27°16	12° 7	29°40	24°57	9°57	23°13	1°37	6° 6	16°47	15°50	21°28	n.a.	W 2
T 3	8 33 37	10°15'10	27°12	28° 1	13°20	0♏ 7	24°59	10° 4	23°15	1°37	6° 6	16°48	15°46	21°35	n.a.	T 3
F 4	8 37 34	11°15'09	8♑59	28°38	14°33	0°33	25° 1	10°10	23°18	1°37	6° 6	16°50	15°43	21°42	n.a.	F 4
S 5	8 41 30	12°15'06	20°46	29° 5	15°45	1° 0	25° 3	10°17	23°21	1°37	6° 6	16°R50	15°40	21°48	n.a.	S 5
S 6	8 45 27	13°15'01	2♒33	29°25	16°58	1°26	25° 6	10°23	23°24	1°R37	6° 7	16°49	15°37	21°55	n.a.	S 6
M 7	8 49 23	14°14'54	14°25	29°35	18°10	1°52	25° 8	10°30	23°27	1°37	6° 7	16°46	15°34	22° 2	n.a.	M 7
T 8	8 53 20	15°14'44	26°24	29°R36	19°22	2°18	25°11	10°36	23°29	1°37	6° 7	16°42	15°30	22° 8	n.a.	T 8
W 9	8 57 16	16°14'33	8♓30	29°29	20°35	2°44	25°14	10°42	23°32	1°37	6° 7	16°37	15°27	22°15	n.a.	W 9
T 10	9 1 13	17°14'19	20°45	29°13	21°47	3° 9	25°17	10°48	23°35	1°37	6° 8	16°32	15°24	22°22	n.a.	T 10
F 11	9 5 9	18°14'03	3♈12	28°49	22°59	3°34	25°21	10°55	23°38	1°37	6° 8	16°27	15°21	22°28	n.a.	F 11
S 12	9 9 6	19°13'45	15°51	28°18	24°11	3°59	25°24	11° 1	23°41	1°37	6° 9	16°22	15°18	22°35	n.a.	S 12
S 13	9 13 3	20°13'24	28°45	27°41	25°23	4°23	25°28	11° 7	23°44	1°36	6° 9	16°18	15°15	22°42	n.a.	S 13
M14	9 16 59	21°13'01	11♉56	26°57	26°35	4°47	25°32	11°13	23°47	1°36	6°10	16°16	15°11	22°48	n.a.	M14
T 15	9 20 56	22°12'36	25°26	26°10	27°47	5°11	25°36	11°19	23°50	1°36	6°10	16°D16	15° 8	22°55	n.a.	T 15
W16	9 24 52	23°12'08	9♊16	25°19	28°58	5°35	25°40	11°25	23°53	1°35	6°10	16°17	15° 5	23° 2	n.a.	W16
T 17	9 28 49	24°11'38	23°27	24°25	0♈10	5°58	25°45	11°31	23°56	1°35	6°11	16°18	15° 2	23° 8	n.a.	T 17
F 18	9 32 45	25°11'05	7♋58	23°31	1°22	6°21	25°50	11°37	23°59	1°35	6°12	16°20	14°59	23°15	n.a.	F 18
S 19	9 36 42	26°10'30	22°46	22°36	2°33	6°44	25°54	11°43	24° 2	1°34	6°12	16°R20	14°56	23°21	n.a.	S 19
S 20	9 40 38	27° 9'53	7♌45	21°42	3°44	7° 6	25°59	11°49	24° 5	1°34	6°13	16°18	14°52	23°28	n.a.	S 20
M21	9 44 35	28° 9'13	22°47	20°51	4°56	7°28	26° 4	11°54	24° 9	1°33	6°13	16°14	14°49	23°35	n.a.	M21
T 22	9 48 32	29° 8'31	7♍44	20° 3	6° 7	7°50	26°10	12° 0	24°12	1°33	6°14	16° 9	14°46	23°41	n.a.	T 22
W23	9 52 28	0♓ 7'47	22°26	19°19	7°18	8°11	26°15	12° 5	24°15	1°32	6°14	16° 2	14°43	23°48	n.a.	W23
T 24	9 56 25	1° 7'01	6♎46	18°39	8°29	8°32	26°21	12°11	24°18	1°32	6°15	15°55	14°40	23°55	n.a.	T 24
F 25	10 0 21	2° 6'13	20°40	18° 4	9°40	8°52	26°27	12°17	24°21	1°31	6°16	15°48	14°36	24° 1	n.a.	F 25
S 26	10 4 18	3° 5'23	4♏ 6	17°34	10°50	9°13	26°33	12°22	24°25	1°31	6°16	15°43	14°33	24° 8	n.a.	S 26
S 27	10 8 14	4° 4'31	17° 4	17°10	12° 1	9°33	26°39	12°27	24°28	1°30	6°17	15°40	14°30	24°15	n.a.	S 27
M28	10 12 11	5♓ 3'38	29♏39	16♒52	13♈11	9♏52	26♉45	12♑33	24♓31	1♏29	6♉18	15♑38	14♑27	24♑21	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s26	24s39	3s38	11s25	1n33	8s20	0s50	9s41	1n46	18n56	0s18	23s32	0s10	3s23	0s41	10s22	1n56	2n42	11s40	22s40	22s47	21s32		n.a.
W 2	18 10	25 39	2 45	10 53	1 48	7 50	0 48	9 51	1 46	18 57	0 18	23 31	0 10	3 22	0 41	10 22	1 56	2 43	11 39	22 40	22 47	21 30		n.a.
T 3	17 53	25 29	1 46	10 24	2 2	7 19	0 45	10 0	1 45	18 57	0 18	23 31	0 10	3 21	0 41	10 22	1 56	2 43	11 39	22 40	22 47	21 28		n.a.
F 4	17 37	24 9	0 43	9 58	2 17	6 48	0 42	10 10	1 45	18 58	0 18	23 31	0 10	3 19	0 41	10 22	1 56	2 43	11 39	22 40	22 48	21 26		n.a.
S 5	17 20	21 45	0n22	9 35	2 31	6 17	0 40	10 20	1 45	18 59	0 18	23 30	0 10	3 18	0 41	10 22	1 56	2 44	11 38	22 40	22 48	21 24		n.a.
S 6	17 3	18 27	1 26	9 16	2 44	5 46	0 37	10 29	1 45	19 0	0 17	23 30	0 10	3 17	0 41	10 22	1 56	2 44	11 38	22 40	22 49	21 22		n.a.
M 7	16 46	14 23	2 26	9 0	2 57	5 15	0 34	10 38	1 45	19 1	0 17	23 29	0 10	3 16	0 41	10 22	1 57	2 44	11 38	22 40	22 49	21 20		n.a.
T 8	16 28	9 44	3 20	8 49	3 8	4 44	0 31	10 48	1 44	19 1	0 17	23 29	0 11	3 15	0 41	10 22	1 57	2 45	11 38	22 41	22 49	21 18		n.a.
W 9	16 10	4 41	4 6	8 42	3 19	4 12	0 28	10 57	1 44	19 2	0 17	23 29	0 11	3 14	0 41	10 22	1 57	2 45	11 37	22 41	22 50	21 16		n.a.
T 10	15 52	0n36	4 42	8 39	3 27	3 41	0 25	11 6	1 44	19 3	0 17	23 28	0 11	3 12	0 41	10 22	1 57	2 46	11 37	22 42	22 50	21 14		n.a.
F 11	15 33	5 55	5 4	8 40	3 35	3 9	0 22	11 14	1 43	19 4	0 16	23 28	0 11	3 11	0 41	10 21	1 57	2 46	11 37	22 43	22 50	21 12		n.a.
S 12	15 14	11 6	5 12	8 46	3 41	2 37	0 19	11 23	1 43	19 5	0 16	23 27	0 11	3 10	0 41	10 21	1 57	2 46	11 36	22 43	22 51	21 10		n.a.
S 13	14 55	15 54	5 5	8 55	3 45	2 6	0 16	11 32	1 43	19 6	0 16	23 27	0 11	3 9	0 41	10 21	1 57	2 47	11 36	22 44	22 51	21 8		n.a.
M14	14 36	20 4	4 42	9 8	3 47	1 34	0 12	11 40	1 42	19 8	0 16	23 26	0 11	3 8	0 41	10 21	1 57	2 47	11 36	22 44	22 52	21 6		n.a.
T 15	14 17	23 17	4 3	9 24	3 47	1 2	0 9	11 49	1 42	19 9	0 16	23 26	0 11	3 6	0 41	10 21	1 57	2 48	11 36	22 44	22 52	21 4		n.a.
W16	13 57	25 13	3 8	9 43	3 45	0 30	0 6	11 57	1 42	19 10	0 16	23 26	0 11	3 5	0 41	10 21	1 57	2 48	11 35	22 44	22 52	21 2		n.a.
T 17	13 37	25 36	2 1	10 4	3 41	0n 2	0 2	12 5	1 41	19 11	0 15	23 25	0 11	3 4	0 41	10 21	1 57	2 48	11 35	22 44	22 53	21 1		n.a.
F 18	13 17	24 15	0 45	10 27	3 36	0 34	0n 1	12 13	1 41	19 12	0 15	23 25	0 11	3 3	0 41	10 20	1 57	2 49	11 35	22 43	22 53	20 59		n.a.
S 19	12 57	21 13	0s35	10 52	3 28	1 6	0 4	12 21	1 40	19 14	0 15	23 24	0 11	3 1	0 41	10 20	1 57	2 49	11 35	22 43	22 53	20 57		n.a.
S 20	12 36	16 44	1 54	11 18	3 20	1 37	0 8	12 29	1 40	19 15	0 15	23 24	0 12	3 0	0 41	10 20	1 57	2 50	11 34	22 44	22 54	20 55		n.a.
M21	12 16	11 11	3 5	11 44	3 9	2 9	0 11	12 37	1 39	19 16	0 15	23 23	0 12	2 59	0 41	10 20	1 57	2 50	11 34	22 44	22 54	20 53		n.a.
T 22	11 55	5 2	4 3	12 10	2 58	2 41	0 15	12 44	1 39	19 18	0 15	23 23	0 12	2 58	0 41	10 19	1 57	2 51	11 34	22 45	22 54	20 51		n.a.
W23	11 34	1s17	4 43	12 36	2 45	3 13	0 18	12 52	1 38	19 19	0 14	23 23	0 12	2 56	0 41	10 19	1 58	2 51	11 33	22 46	22 55	20 49		n.a.
T 24	11 13	7 22	5 5	13 2	2 31	3 44	0 22	12 59	1 38	19 21	0 14	23 22	0 12	2 55	0 41	10 19	1 58	2 52	11 33	22 46	22 55	20 46		n.a.
F 25	10 51	12 54	5 8	13 26	2 17	4 16	0 25	13 6	1 37	19 22	0 14	23 22	0 12	2 54	0 41	10 19	1 58	2 52	11 33	22 47	22 55	20 44		n.a.
S 26	10 30	17 38	4 53	13 49	2 2	4 47	0 29	13 13	1 36	19 24	0 14	23 21	0 12	2 52	0 41	10 18	1 58	2 52	11 33	22 48	22 56	20 42		n.a.
S 27	10 8	21 21	4 24	14 11	1 47	5 18	0 33	13 20	1 36	19 25	0 14	23 21	0 12	2 51	0 41	10 18	1 58	2 53	11 32	22 48	22 56	20 40		n.a.
M28	9s46	23s57	3s43	14s31	1n32	5n49	0n36	13s27	1n35	19n27	0s14	23s20	0s12	2s50	0s41	10s18	1n58	2n53	11s32	22s48	22s57	20s38		n.a.

Julian Day Number = 1598730.5, Delta T = 04h00m32s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'36, Lahiri = - 8°35'35 Julian Calendar 1 Feb. 336 BCE == Greg. Calendar 27 Jan. 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

MARCH 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 16 7	6♓ 2'42	11♐54	16°R39	14♈22	10♏11	26♉51	12♑38	24♓34	1°R29	6♉19	15°D38	14♑24	24♑28	n.a.	T 1
W 2	10 20 4	7° 1'45	23°54	16♒32	15°32	10°30	26°58	12°43	24°38	1♏28	6°19	15♑39	14°21	24°35	n.a.	W 2
T 3	10 24 1	8° 0'45	5♑44	16°D31	16°42	10°48	27° 5	12°48	24°41	1°27	6°20	15°40	14°17	24°41	n.a.	T 3
F 4	10 27 57	8°59'44	17°31	16°35	17°52	11° 6	27°11	12°53	24°44	1°26	6°21	15°R40	14°14	24°48	n.a.	F 4
S 5	10 31 54	9°58'41	29°18	16°44	19° 2	11°23	27°18	12°58	24°48	1°25	6°22	15°39	14°11	24°55	n.a.	S 5
S 6	10 35 50	10°57'36	11♒ 9	16°59	20°12	11°40	27°26	13° 3	24°51	1°24	6°23	15°36	14° 8	25° 1	n.a.	S 6
M 7	10 39 47	11°56'29	23° 7	17°18	21°22	11°56	27°33	13° 8	24°54	1°24	6°24	15°30	14° 5	25° 8	n.a.	M 7
T 8	10 43 43	12°55'20	5♓15	17°43	22°31	12°12	27°40	13°13	24°58	1°23	6°24	15°22	14° 1	25°14	n.a.	T 8
W 9	10 47 40	13°54'09	17°35	18°11	23°41	12°28	27°48	13°17	25° 1	1°22	6°25	15°12	13°58	25°21	n.a.	W 9
T 10	10 51 36	14°52'55	0♈ 7	18°44	24°50	12°43	27°55	13°22	25° 5	1°21	6°26	15° 1	13°55	25°28	n.a.	T 10
F 11	10 55 33	15°51'40	12°51	19°21	25°59	12°57	28° 3	13°27	25° 8	1°20	6°27	14°50	13°52	25°34	n.a.	F 11
S 12	10 59 29	16°50'22	25°47	20° 2	27° 9	13°11	28°11	13°31	25°11	1°19	6°28	14°41	13°49	25°41	n.a.	S 12
S 13	11 3 26	17°49'02	8♉55	20°47	28°17	13°24	28°19	13°35	25°15	1°18	6°29	14°33	13°46	25°48	n.a.	S 13
M14	11 7 23	18°47'40	22°16	21°35	29°26	13°37	28°28	13°40	25°18	1°17	6°30	14°27	13°42	25°54	n.a.	M14
T 15	11 11 19	19°46'15	5♊49	22°26	0♉35	13°49	28°36	13°44	25°22	1°16	6°31	14°24	13°39	26° 1	n.a.	T 15
W16	11 15 16	20°44'49	19°36	23°21	1°43	14° 1	28°44	13°48	25°25	1°14	6°32	14°D24	13°36	26° 8	n.a.	W16
T 17	11 19 12	21°43'20	3♋36	24°18	2°52	14°12	28°53	13°52	25°28	1°13	6°33	14°24	13°33	26°14	n.a.	T 17
F 18	11 23 9	22°41'48	17°50	25°19	4° 0	14°23	29° 2	13°56	25°32	1°12	6°34	14°R24	13°30	26°21	n.a.	F 18
S 19	11 27 5	23°40'15	2♌17	26°22	5° 8	14°33	29°10	14° 0	25°35	1°11	6°35	14°23	13°27	26°28	n.a.	S 19
S 20	11 31 2	24°38'39	16°52	27°28	6°16	14°42	29°19	14° 4	25°39	1°10	6°36	14°20	13°23	26°34	n.a.	S 20
M21	11 34 58	25°37'01	1♍32	28°36	7°24	14°51	29°28	14° 8	25°42	1° 9	6°37	14°14	13°20	26°41	n.a.	M21
T 22	11 38 55	26°35'20	16°10	29°47	8°31	14°59	29°38	14°11	25°46	1° 7	6°38	14° 5	13°17	26°48	n.a.	T 22
W23	11 42 51	27°33'38	0♎38	1♓ 0	9°39	15° 7	29°47	14°15	25°49	1° 6	6°39	13°55	13°14	26°54	n.a.	W23
T 24	11 46 48	28°31'54	14°49	2°15	10°46	15°14	29°56	14°19	25°52	1° 5	6°40	13°43	13°11	27° 1	n.a.	T 24
F 25	11 50 45	29°30'08	28°39	3°33	11°53	15°20	0♊ 6	14°22	25°56	1° 3	6°41	13°32	13° 7	27° 8	n.a.	F 25
S 26	11 54 41	0♈28'20	12♏ 4	4°53	13° 0	15°26	0°15	14°25	25°59	1° 2	6°43	13°23	13° 4	27°14	n.a.	S 26
S 27	11 58 38	1°26'31	25° 4	6°15	14° 6	15°31	0°25	14°29	26° 3	1° 1	6°44	13°16	13° 1	27°21	n.a.	S 27
M28	12 2 34	2°24'40	7♐41	7°39	15°13	15°35	0°35	14°32	26° 6	0°59	6°45	13°12	12°58	27°27	n.a.	M28
T 29	12 6 31	3°22'48	19°58	9° 5	16°19	15°38	0°45	14°35	26°10	0°58	6°46	13° 9	12°55	27°34	n.a.	T 29
W30	12 10 27	4°20'54	2♑ 0	10°33	17°25	15°41	0°55	14°38	26°13	0°57	6°47	13°D 9	12°52	27°41	n.a.	W30
T 31	12 14 24	5♈18'59	13♑52	12♓ 3	18♉31	15♏43	1♊ 5	14♑41	26♓16	0♏55	6♉48	13°R 9	12♑48	27♑47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s24	25s20	2s52	14s49	1n17	6n20	0n40	13s34	1n34	19n29	0s13	23s20	0s12	2s48	0s41	10s18	1n58	2n54	11s32	22s48	22s57	20s36			n.a.
W 2	9 2	25 30	1 55	15 5	1 2	6 51	0 43	13 40	1 34	19 30	0 13	23 20	0 12	2 47	0 41	10 17	1 58	2 54	11 32	22 48	22 57	20 34			n.a.
T 3	8 40	24 30	0 53	15 20	0 47	7 22	0 47	13 47	1 33	19 32	0 13	23 19	0 13	2 46	0 41	10 17	1 58	2 55	11 31	22 48	22 58	20 32			n.a.
F 4	8 18	22 25	0n10	15 32	0 33	7 53	0 51	13 53	1 32	19 34	0 13	23 19	0 13	2 44	0 41	10 17	1 58	2 55	11 31	22 48	22 58	20 30			n.a.
S 5	7 55	19 22	1 13	15 43	0 19	8 23	0 54	13 59	1 31	19 36	0 13	23 18	0 13	2 43	0 41	10 16	1 58	2 56	11 31	22 48	22 58	20 28			n.a.
S 6	7 33	15 31	2 12	15 52	0 5	8 53	0 58	14 5	1 30	19 37	0 13	23 18	0 13	2 42	0 41	10 16	1 58	2 56	11 31	22 49	22 59	20 26			n.a.
M 7	7 10	11 2	3 7	15 58	0s 8	9 23	1 2	14 11	1 29	19 39	0 12	23 18	0 13	2 40	0 41	10 16	1 58	2 57	11 30	22 49	22 59	20 24			n.a.
T 8	6 47	6 5	3 54	16 3	0 21	9 53	1 5	14 17	1 29	19 41	0 12	23 17	0 13	2 39	0 41	10 15	1 58	2 57	11 30	22 50	22 59	20 22			n.a.
W 9	6 24	0 50	4 30	16 6	0 33	10 22	1 9	14 23	1 28	19 43	0 12	23 17	0 13	2 38	0 41	10 15	1 58	2 58	11 30	22 51	23 0	20 20			n.a.
T 10	6 2	4n32	4 54	16 7	0 45	10 52	1 13	14 28	1 27	19 45	0 12	23 17	0 13	2 36	0 41	10 14	1 58	2 58	11 30	22 53	23 0	20 18			n.a.
F 11	5 39	9 47	5 4	16 5	0 56	11 21	1 16	14 34	1 26	19 47	0 12	23 16	0 13	2 35	0 41	10 14	1 58	2 59	11 30	22 54	23 0	20 16			n.a.
S 12	5 15	14 42	4 58	16 2	1 7	11 49	1 20	14 39	1 24	19 49	0 12	23 16	0 13	2 33	0 41	10 14	1 58	2 59	11 29	22 55	23 1	20 14			n.a.
S 13	4 52	19 1	4 37	15 58	1 17	12 18	1 24	14 44	1 23	19 51	0 12	23 15	0 14	2 32	0 41	10 13	1 58	3 0	11 29	22 56	23 1	20 12			n.a.
M14	4 29	22 26	4 1	15 51	1 26	12 46	1 27	14 49	1 22	19 53	0 11	23 15	0 14	2 31	0 41	10 13	1 58	3 0	11 29	22 56	23 1	20 9			n.a.
T 15	4 6	24 40	3 10	15 42	1 35	13 14	1 31	14 54	1 21	19 55	0 11	23 15	0 14	2 29	0 41	10 12	1 59	3 1	11 29	22 57	23 2	20 7			n.a.
W16	3 43	25 27	2 8	15 32	1 44	13 42	1 34	14 58	1 20	19 57	0 11	23 14	0 14	2 28	0 41	10 12	1 59	3 1	11 28	22 57	23 2	20 5			n.a.
T 17	3 19	24 38	0 57	15 20	1 51	14 9	1 38	15 3	1 19	19 59	0 11	23 14	0 14	2 27	0 41	10 12	1 59	3 2	11 28	22 57	23 2	20 3			n.a.
F 18	2 56	22 14	0s18	15 6	1 58	14 36	1 42	15 7	1 17	20 1	0 11	23 14	0 14	2 25	0 41	10 11	1 59	3 2	11 28	22 57	23 3	20 1			n.a.
S 19	2 33	18 23	1 34	14 50	2 5	15 3	1 45	15 12	1 16	20 3	0 11	23 13	0 14	2 24	0 41	10 11	1 59	3 3	11 28	22 57	23 3	19 59			n.a.
S 20	2 9	13 23	2 43	14 33	2 11	15 29	1 49	15 16	1 14	20 5	0 11	23 13	0 14	2 22	0 41	10 10	1 59	3 3	11 28	22 57	23 3	19 57			n.a.
M21	1 46	7 36	3 43	14 14	2 16	15 55	1 52	15 20	1 13	20 7	0 10	23 13	0 14	2 21	0 41	10 10	1 59	3 4	11 27	22 58	23 4	19 55			n.a.
T 22	1 22	1 26	4 27	13 53	2 21	16 20	1 55	15 24	1 11	20 9	0 10	23 13	0 14	2 20	0 41	10 9	1 59	3 4	11 27	22 59	23 4	19 53			n.a.
W23	0 59	4s44	4 54	13 30	2 25	16 45	1 59	15 27	1 10	20 11	0 10	23 12	0 15	2 18	0 41	10 9	1 59	3 5	11 27	23 0	23 4	19 50			n.a.
T 24	0 35	10 32	5 2	13 6	2 28	17 10	2 2	15 31	1 8	20 14	0 10	23 12	0 15	2 17	0 41	10 8	1 59	3 6	11 27	23 1	23 5	19 48			n.a.
F 25	0 12	15 39	4 51	12 40	2 31	17 34	2 5	15 34	1 7	20 16	0 10	23 12	0 15	2 15	0 41	10 8	1 59	3 6	11 27	23 2	23 5	19 46			n.a.
S 26	0n11	19 51	4 25	12 13	2 34	17 58	2 9	15 38	1 5	20 18	0 10	23 11	0 15	2 14	0 41	10 7	1 59	3 7	11 27	23 3	23 5	19 44			n.a.
S 27	0 35	22 55	3 46	11 44	2 35	18 22	2 12	15 41	1 3	20 20	0 10	23 11	0 15	2 13	0 41	10 7	1 59	3 7	11 26	23 4	23 5	19 42			n.a.
M28	0 58	24 46	2 56	11 13	2 37	18 45	2 15	15 44	1 1	20 22	0 9	23 11	0 15	2 11	0 41	10 6	1 59	3 8	11 26	23 4	23 6	19 40			n.a.
T 29	1 22	25 20	2 0	10 41	2 37	19 7	2 18	15 47	1 0	20 25	0 9	23 11	0 15	2 10	0 41	10 6	1 59	3 8	11 26	23 5	23 6	19 38			n.a.
W30	1 45	24 42	0 59	10 7	2 37	19 30	2 21	15 49	0 58	20 27	0 9	23 11	0 15	2 9	0 41	10 5	1 59	3 9	11 26	23 5	23 6	19 35			n.a.
T 31	2n 8	22s56	0n 4	9s32	2s37	19n51	2n24	15s52	0n56	20n29	0s 9	23s10	0s15	2s 7	0s41	10s 5	1n59	3n 9	11s26	23s 5	23s 7	19s33			n.a.

Julian Day Number = 1598758.5, Delta T = 04h00m31s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'32, Lahiri = - 8°35'31 Julian Calendar 1 March 336 BCE == Greg. Calendar 24 Feb. 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

APRIL 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 18 20	6♈17'01	25♉40	13♓35	19♉36	15♏45	1♊15	14♉44	26♓20	0°R54	6♉50	13°R 8	12♉45	27♉54	n.a.	F 1
S 2	12 22 17	7°15'03	7♒29	15° 9	20°42	15°R45	1°25	14°47	26°23	0♏52	6°51	13♉ 6	12°42	28° 1	n.a.	S 2
S 3	12 26 14	8°13'03	19°24	16°45	21°47	15°45	1°36	14°49	26°26	0°51	6°52	13° 2	12°39	28° 7	n.a.	S 3
M 4	12 30 10	9°11'01	1♓29	18°23	22°52	15°44	1°46	14°52	26°30	0°49	6°53	12°55	12°36	28°14	n.a.	M 4
T 5	12 34 7	10° 8'58	13°47	20° 3	23°57	15°43	1°57	14°54	26°33	0°48	6°55	12°46	12°32	28°21	n.a.	T 5
W 6	12 38 3	11° 6'53	26°20	21°44	25° 1	15°40	2° 7	14°57	26°37	0°46	6°56	12°34	12°29	28°27	n.a.	W 6
T 7	12 42 0	12° 4'47	9♈ 9	23°28	26° 6	15°37	2°18	14°59	26°40	0°45	6°57	12°21	12°26	28°34	n.a.	T 7
F 8	12 45 56	13° 2'39	22°13	25°13	27°10	15°33	2°29	15° 1	26°43	0°43	6°58	12° 8	12°23	28°41	n.a.	F 8
S 9	12 49 53	14° 0'30	5♉31	27° 1	28°14	15°29	2°40	15° 3	26°47	0°42	7° 0	11°57	12°20	28°47	n.a.	S 9
S 10	12 53 49	14°58'19	19° 1	28°50	29°17	15°23	2°51	15° 5	26°50	0°40	7° 1	11°47	12°17	28°54	n.a.	S 10
M11	12 57 46	15°56'06	2♊42	0♈41	0♊20	15°17	3° 2	15° 7	26°53	0°39	7° 2	11°40	12°13	29° 1	n.a.	M11
T 12	13 1 43	16°53'52	16°30	2°35	1°24	15°10	3°13	15° 9	26°56	0°37	7° 3	11°36	12°10	29° 7	n.a.	T 12
W13	13 5 39	17°51'35	0♋25	4°30	2°26	15° 2	3°24	15°11	27° 0	0°36	7° 5	11°35	12° 7	29°14	n.a.	W13
T 14	13 9 36	18°49'17	14°27	6°27	3°29	14°54	3°36	15°12	27° 3	0°34	7° 6	11°35	12° 4	29°21	n.a.	T 14
F 15	13 13 32	19°46'58	28°34	8°26	4°31	14°45	3°47	15°14	27° 6	0°33	7° 7	11°34	12° 1	29°27	n.a.	F 15
S 16	13 17 29	20°44'36	12♌45	10°26	5°33	14°35	3°59	15°15	27° 9	0°31	7° 9	11°33	11°58	29°34	n.a.	S 16
S 17	13 21 25	21°42'13	27° 0	12°29	6°34	14°24	4°10	15°17	27°13	0°29	7°10	11°30	11°54	29°40	n.a.	S 17
M18	13 25 22	22°39'48	11♍15	14°33	7°35	14°13	4°22	15°18	27°16	0°28	7°11	11°24	11°51	29°47	n.a.	M18
T 19	13 29 18	23°37'21	25°27	16°38	8°36	14° 1	4°33	15°19	27°19	0°26	7°13	11°15	11°48	29°54	n.a.	T 19
W20	13 33 15	24°34'53	9♎30	18°45	9°37	13°48	4°45	15°20	27°22	0°25	7°14	11° 4	11°45	0♒ 0	n.a.	W20
T 21	13 37 12	25°32'24	23°21	20°54	10°37	13°35	4°57	15°21	27°25	0°23	7°15	10°53	11°42	0° 7	n.a.	T 21
F 22	13 41 8	26°29'54	6♏55	23° 3	11°36	13°21	5° 9	15°22	27°28	0°21	7°17	10°42	11°38	0°14	n.a.	F 22
S 23	13 45 5	27°27'22	20° 9	25°13	12°36	13° 7	5°21	15°23	27°31	0°20	7°18	10°32	11°35	0°20	n.a.	S 23
S 24	13 49 1	28°24'49	3♐ 2	27°24	13°35	12°52	5°33	15°23	27°34	0°18	7°19	10°24	11°32	0°27	n.a.	S 24
M25	13 52 58	29°22'16	15°35	29°36	14°33	12°36	5°45	15°24	27°38	0°16	7°21	10°20	11°29	0°34	n.a.	M25
T 26	13 56 54	0♑19'41	27°51	1♑47	15°31	12°20	5°57	15°24	27°41	0°15	7°22	10°17	11°26	0°40	n.a.	T 26
W27	14 0 51	1°17'06	9♑53	3°59	16°29	12° 4	6° 9	15°25	27°44	0°13	7°24	10°D16	11°23	0°47	n.a.	W27
T 28	14 4 47	2°14'29	21°46	6°10	17°26	11°47	6°21	15°25	27°47	0°12	7°25	10°17	11°19	0°54	n.a.	T 28
F 29	14 8 44	3°11'52	3♒35	8°20	18°23	11°29	6°33	15°25	27°49	0°10	7°26	10°R17	11°16	1° 0	n.a.	F 29
S 30	14 12 41	4♑ 9'14	15♒26	10♑30	19♊20	11♏11	6♊46	15°R25	27♓52	0♏ 8	7♑28	10♑16	11♑13	1♒ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n32	20s12	1n 6	8s55	2s36	20n12	2n27	15s54	0n54	20n31	0s 9	23s10	0s16	2s 6	0s41	10s 4	1n59	3n10	11s26	23s 5	23s 7	19s31		n.a.
S 2	2 55	16 37	2 5	8 17	2 34	20 33	2 30	15 56	0 52	20 34	0 9	23 10	0 16	2 5	0 41	10 4	1 59	3 10	11 25	23 5	23 7	19 29		n.a.
S 3	3 18	12 21	2 59	7 37	2 32	20 53	2 33	15 58	0 49	20 36	0 9	23 10	0 16	2 3	0 41	10 3	1 59	3 11	11 25	23 5	23 8	19 27		n.a.
M 4	3 41	7 34	3 46	6 56	2 29	21 13	2 35	16 0	0 47	20 38	0 8	23 10	0 16	2 2	0 41	10 3	1 59	3 11	11 25	23 6	23 8	19 25		n.a.
T 5	4 4	2 25	4 23	6 13	2 26	21 32	2 38	16 2	0 45	20 40	0 8	23 9	0 16	2 0	0 41	10 2	1 59	3 12	11 25	23 7	23 8	19 22		n.a.
W 6	4 27	2n56	4 48	5 29	2 22	21 51	2 40	16 3	0 43	20 43	0 8	23 9	0 16	1 59	0 41	10 2	1 59	3 12	11 25	23 8	23 9	19 20		n.a.
T 7	4 50	8 15	5 0	4 44	2 18	22 9	2 43	16 5	0 40	20 45	0 8	23 9	0 16	1 58	0 41	10 1	1 59	3 13	11 25	23 9	23 9	19 18		n.a.
F 8	5 13	13 19	4 56	3 57	2 13	22 27	2 45	16 6	0 38	20 47	0 8	23 9	0 16	1 56	0 41	10 0	1 59	3 13	11 24	23 10	23 9	19 16		n.a.
S 9	5 36	17 51	4 36	3 9	2 7	22 44	2 48	16 7	0 35	20 49	0 8	23 9	0 16	1 55	0 41	10 0	1 59	3 14	11 24	23 12	23 9	19 14		n.a.
S 10	5 58	21 32	4 0	2 19	2 1	23 0	2 50	16 8	0 33	20 52	0 8	23 9	0 17	1 54	0 41	9 59	1 59	3 15	11 24	23 12	23 10	19 11		n.a.
M11	6 21	24 4	3 10	1 28	1 55	23 16	2 52	16 9	0 30	20 54	0 8	23 9	0 17	1 52	0 41	9 59	1 59	3 15	11 24	23 13	23 10	19 9		n.a.
T 12	6 43	25 10	2 8	0 36	1 48	23 32	2 54	16 9	0 27	20 56	0 7	23 8	0 17	1 51	0 41	9 58	1 59	3 16	11 24	23 13	23 10	19 7		n.a.
W13	7 5	24 43	0 59	0n17	1 40	23 47	2 56	16 9	0 25	20 59	0 7	23 8	0 17	1 50	0 41	9 58	1 59	3 16	11 24	23 13	23 11	19 5		n.a.
T 14	7 28	22 41	0s15	1 11	1 32	24 1	2 58	16 10	0 22	21 1	0 7	23 8	0 17	1 49	0 41	9 57	1 59	3 17	11 24	23 14	23 11	19 3		n.a.
F 15	7 50	19 16	1 29	2 6	1 24	24 15	3 0	16 10	0 19	21 3	0 7	23 8	0 17	1 47	0 41	9 57	1 59	3 17	11 24	23 14	23 11	19 0		n.a.
S 16	8 12	14 41	2 37	3 2	1 15	24 28	3 1	16 9	0 16	21 6	0 7	23 8	0 17	1 46	0 41	9 56	1 59	3 18	11 24	23 14	23 11	18 58		n.a.
S 17	8 34	9 17	3 36	3 59	1 6	24 40	3 3	16 9	0 13	21 8	0 7	23 8	0 17	1 45	0 41	9 55	1 59	3 18	11 23	23 14	23 12	18 56		n.a.
M18	8 55	3 25	4 21	4 56	0 56	24 52	3 4	16 9	0 10	21 10	0 7	23 8	0 17	1 43	0 41	9 55	1 59	3 19	11 23	23 14	23 12	18 54		n.a.
T 19	9 17	2s36	4 50	5 54	0 46	25 4	3 5	16 8	0 7	21 12	0 7	23 8	0 18	1 42	0 41	9 54	1 59	3 19	11 23	23 15	23 12	18 52		n.a.
W20	9 38	8 25	5 1	6 53	0 36	25 14	3 7	16 7	0 4	21 15	0 6	23 8	0 18	1 41	0 41	9 54	1 59	3 20	11 23	23 16	23 13	18 49		n.a.
T 21	10 0	13 43	4 54	7 51	0 26	25 25	3 8	16 6	0 1	21 17	0 6	23 8	0 18	1 40	0 41	9 53	1 59	3 20	11 23	23 17	23 13	18 47		n.a.
F 22	10 21	18 15	4 31	8 50	0 15	25 34	3 9	16 5	0s 3	21 19	0 6	23 8	0 18	1 38	0 41	9 53	1 59	3 21	11 23	23 18	23 13	18 45		n.a.
S 23	10 42	21 44	3 53	9 48	0 5	25 43	3 9	16 4	0 6	21 22	0 6	23 8	0 18	1 37	0 41	9 52	1 59	3 21	11 23	23 19	23 13	18 43		n.a.
S 24	11 3	24 2	3 4	10 46	0n 6	25 51	3 10	16 2	0 9	21 24	0 6	23 8	0 18	1 36	0 41	9 51	1 59	3 22	11 23	23 19	23 14	18 40		n.a.
M25	11 23	25 3	2 7	11 43	0 16	25 59	3 11	16 1	0 13	21 26	0 6	23 8	0 18	1 35	0 41	9 51	1 59	3 22	11 23	23 20	23 14	18 38		n.a.
T 26	11 44	24 49	1 6	12 40	0 27	26 6	3 11	15 59	0 16	21 28	0 6	23 8	0 18	1 34	0 41	9 50	1 59	3 23	11 23	23 20	23 14	18 36		n.a.
W27	12 4	23 24	0 2	13 35	0 37	26 13	3 11	15 57	0 20	21 31	0 6	23 8	0 18	1 32	0 41	9 50	1 59	3 23	11 23	23 20	23 15	18 34		n.a.
T 28	12 24	20 57	1n 1	14 29	0 47	26 19	3 11	15 55	0 23	21 33	0 6	23 8	0 19	1 31	0 41	9 49	1 59	3 24	11 23	23 20	23 15	18 31		n.a.
F 29	12 44	17 38	2 1	15 21	0 56	26 24	3 11	15 53	0 27	21 35	0 5	23 9	0 19	1 30	0 41	9 49	1 59	3 24	11 22	23 20	23 15	18 29		n.a.
S 30	13n 4	13s36	2n56	16n11	1n 6	26n28	3n11	15s51	0s30	21n37	0s 5	23s 9	0s19	1s29	0s41	9s48	1n59	3n25	11s22	23s20	23s15	18s27		n.a.

Julian Day Number = 1598789.5, Delta T = 04h00m29s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'28, Lahiri = - 8°35'27 Julian Calendar 1 Apr. 336 BCE == Greg. Calendar 27 March 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

MAY 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 37	5♉ 6'35	27♒23	12♉38	20♊15	10°R53	6♊58	15°R25	27♓55	0°R 7	7♉29	10°R14	11♑10	1♒14	n.a.	S 1
M 2	14 20 34	6° 3'56	9♓32	14°45	21°11	10♏34	7°11	15♑25	27°58	0♏ 5	7°30	10♑ 9	11° 7	1°20	n.a.	M 2
T 3	14 24 30	7° 1'16	21°56	16°51	22° 6	10°15	7°23	15°25	28° 1	0° 4	7°32	10° 2	11° 4	1°27	n.a.	T 3
W 4	14 28 27	7°58'35	4♈39	18°54	23° 0	9°56	7°36	15°25	28° 4	0° 2	7°33	9°53	11° 0	1°34	n.a.	W 4
T 5	14 32 23	8°55'53	17°42	20°56	23°54	9°37	7°48	15°24	28° 7	0° 0	7°34	9°43	10°57	1°40	n.a.	T 5
F 6	14 36 20	9°53'11	1♉ 4	22°56	24°47	9°17	8° 1	15°24	28° 9	29♎59	7°36	9°33	10°54	1°47	n.a.	F 6
S 7	14 40 16	10°50'28	14°44	24°53	25°39	8°58	8°13	15°23	28°12	29°57	7°37	9°24	10°51	1°54	n.a.	S 7
S 8	14 44 13	11°47'44	28°38	26°49	26°31	8°38	8°26	15°22	28°15	29°56	7°39	9°17	10°48	2° 0	n.a.	S 8
M 9	14 48 10	12°44'59	12♊43	28°42	27°23	8°19	8°39	15°22	28°18	29°54	7°40	9°12	10°44	2° 7	n.a.	M 9
T 10	14 52 6	13°42'14	26°54	0♊32	28°13	7°59	8°52	15°21	28°20	29°52	7°41	9° 9	10°41	2°14	n.a.	T 10
W11	14 56 3	14°39'28	11♋ 9	2°20	29° 3	7°40	9° 4	15°20	28°23	29°51	7°43	9°D 9	10°38	2°20	n.a.	W11
T 12	14 59 59	15°36'40	25°23	4° 6	29°53	7°20	9°17	15°19	28°25	29°49	7°44	9° 9	10°35	2°27	n.a.	T 12
F 13	15 3 56	16°33'52	9♌35	5°49	0♋41	7° 1	9°30	15°17	28°28	29°48	7°45	9°10	10°32	2°33	n.a.	F 13
S 14	15 7 52	17°31'03	23°43	7°30	1°29	6°42	9°43	15°16	28°30	29°46	7°47	9°R10	10°29	2°40	n.a.	S 14
S 15	15 11 49	18°28'13	7♍45	9° 8	2°16	6°24	9°56	15°15	28°33	29°45	7°48	9° 8	10°25	2°47	n.a.	S 15
M16	15 15 45	19°25'22	21°42	10°44	3° 2	6° 6	10° 9	15°13	28°35	29°43	7°50	9° 5	10°22	2°53	n.a.	M16
T 17	15 19 42	20°22'31	5♎30	12°17	3°47	5°48	10°22	15°12	28°38	29°42	7°51	8°59	10°19	3° 0	n.a.	T 17
W18	15 23 39	21°19'38	19° 7	13°47	4°32	5°30	10°35	15°10	28°40	29°40	7°52	8°52	10°16	3° 7	n.a.	W18
T 19	15 27 35	22°16'46	2♏32	15°15	5°15	5°13	10°48	15° 8	28°43	29°39	7°54	8°44	10°13	3°13	n.a.	T 19
F 20	15 31 32	23°13'52	15°43	16°41	5°58	4°57	11° 1	15° 6	28°45	29°37	7°55	8°37	10° 9	3°20	n.a.	F 20
S 21	15 35 28	24°10'59	28°38	18° 3	6°39	4°41	11°14	15° 5	28°47	29°36	7°56	8°30	10° 6	3°27	n.a.	S 21
S 22	15 39 25	25° 8'05	11♐18	19°23	7°19	4°25	11°28	15° 3	28°49	29°34	7°58	8°26	10° 3	3°33	n.a.	S 22
M23	15 43 21	26° 5'11	23°41	20°40	7°59	4°10	11°41	15° 0	28°52	29°33	7°59	8°23	10° 0	3°40	n.a.	M23
T 24	15 47 18	27° 2'17	5♑52	21°55	8°37	3°56	11°54	14°58	28°54	29°32	8° 0	8°D21	9°57	3°47	n.a.	T 24
W25	15 51 14	27°59'23	17°51	23° 7	9°14	3°42	12° 7	14°56	28°56	29°30	8° 2	8°22	9°54	3°53	n.a.	W25
T 26	15 55 11	28°56'28	29°43	24°15	9°50	3°29	12°20	14°54	28°58	29°29	8° 3	8°23	9°50	4° 0	n.a.	T 26
F 27	15 59 8	29°53'34	11♒32	25°21	10°24	3°17	12°34	14°51	29° 0	29°28	8° 4	8°25	9°47	4° 7	n.a.	F 27
S 28	16 3 4	0♊50'40	23°23	26°24	10°58	3° 5	12°47	14°49	29° 2	29°26	8° 5	8°26	9°44	4°13	n.a.	S 28
S 29	16 7 1	1°47'46	5♓21	27°23	11°30	2°54	13° 0	14°46	29° 4	29°25	8° 7	8°R26	9°41	4°20	n.a.	S 29
M30	16 10 57	2°44'53	17°31	28°20	12° 0	2°44	13°14	14°44	29° 6	29°24	8° 8	8°25	9°38	4°27	n.a.	M30
T 31	16 14 54	3♊41'59	29♓57	29♊13	12♋29	2♏35	13♊27	14♑41	29♓ 8	29♎22	8♉ 9	8♑22	9♑35	4♒33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	13n23	9s 2	3n44	17n 0	1n14	26n33	3n11	15s48	0s34	21n39	0s 5	23s 9	0s19	1s28	0s41	9s47	1n59	3n25	11s22	23s20	23s16	18s24			n.a.
M 2	13 42	4 3	4 22	17 47	1 23	26 36	3 10	15 46	0 37	21 42	0 5	23 9	0 19	1 27	0 41	9 47	1 59	3 26	11 22	23 21	23 16	18 22			n.a.
T 3	14 2	1n11	4 49	18 31	1 30	26 39	3 10	15 43	0 41	21 44	0 5	23 9	0 19	1 25	0 41	9 46	1 59	3 26	11 22	23 21	23 16	18 20			n.a.
W 4	14 20	6 30	5 3	19 13	1 37	26 41	3 9	15 41	0 44	21 46	0 5	23 9	0 19	1 24	0 41	9 46	1 59	3 27	11 22	23 22	23 16	18 18			n.a.
T 5	14 39	11 39	5 1	19 53	1 44	26 43	3 8	15 38	0 48	21 48	0 5	23 9	0 19	1 23	0 41	9 45	1 59	3 27	11 22	23 22	23 17	18 15			n.a.
F 6	14 58	16 24	4 43	20 30	1 49	26 44	3 6	15 35	0 52	21 50	0 5	23 9	0 19	1 22	0 41	9 45	1 59	3 27	11 22	23 23	23 17	18 13			n.a.
S 7	15 16	20 25	4 9	21 5	1 55	26 45	3 5	15 32	0 55	21 53	0 5	23 10	0 20	1 21	0 41	9 44	1 59	3 28	11 22	23 24	23 17	18 11			n.a.
S 8	15 34	23 20	3 19	21 37	1 59	26 45	3 3	15 29	0 59	21 55	0 4	23 10	0 20	1 20	0 41	9 44	1 59	3 28	11 22	23 24	23 17	18 8			n.a.
M 9	15 51	24 52	2 17	22 6	2 3	26 44	3 2	15 26	1 2	21 57	0 4	23 10	0 20	1 19	0 41	9 43	1 59	3 29	11 22	23 25	23 18	18 6			n.a.
T 10	16 9	24 47	1 5	22 34	2 5	26 43	3 0	15 23	1 6	21 59	0 4	23 10	0 20	1 18	0 41	9 42	1 59	3 29	11 22	23 25	23 18	18 4			n.a.
W11	16 26	23 5	0s11	22 58	2 8	26 42	2 58	15 20	1 9	22 1	0 4	23 11	0 20	1 17	0 41	9 42	1 59	3 30	11 22	23 25	23 18	18 2			n.a.
T 12	16 43	19 55	1 26	23 21	2 9	26 39	2 55	15 17	1 13	22 3	0 4	23 11	0 20	1 16	0 41	9 41	1 59	3 30	11 22	23 25	23 19	17 59			n.a.
F 13	17 0	15 34	2 36	23 40	2 10	26 37	2 53	15 14	1 16	22 5	0 4	23 11	0 20	1 15	0 41	9 41	1 59	3 31	11 22	23 25	23 19	17 57			n.a.
S 14	17 16	10 23	3 36	23 58	2 10	26 33	2 50	15 11	1 20	22 7	0 4	23 11	0 20	1 14	0 41	9 40	1 59	3 31	11 22	23 25	23 19	17 55			n.a.
S 15	17 32	4 42	4 23	24 13	2 9	26 30	2 47	15 8	1 23	22 9	0 4	23 12	0 21	1 13	0 41	9 40	1 59	3 31	11 22	23 25	23 19	17 52			n.a.
M16	17 48	1s 9	4 54	24 26	2 8	26 26	2 44	15 5	1 27	22 11	0 4	23 12	0 21	1 12	0 41	9 39	1 59	3 32	11 22	23 25	23 20	17 50			n.a.
T 17	18 4	6 54	5 7	24 37	2 6	26 21	2 40	15 2	1 30	22 13	0 3	23 12	0 21	1 11	0 41	9 39	1 59	3 32	11 22	23 26	23 20	17 48			n.a.
W18	18 19	12 14	5 3	24 46	2 3	26 16	2 36	14 59	1 33	22 15	0 3	23 12	0 21	1 10	0 41	9 38	1 59	3 33	11 22	23 26	23 20	17 45			n.a.
T 19	18 34	16 54	4 42	24 53	1 59	26 10	2 32	14 56	1 37	22 17	0 3	23 13	0 21	1 9	0 41	9 38	1 59	3 33	11 22	23 27	23 20	17 43			n.a.
F 20	18 49	20 40	4 6	24 58	1 55	26 4	2 28	14 54	1 40	22 19	0 3	23 13	0 21	1 8	0 41	9 37	1 59	3 33	11 22	23 27	23 21	17 41			n.a.
S 21	19 3	23 19	3 18	25 1	1 50	25 58	2 24	14 51	1 43	22 21	0 3	23 13	0 21	1 7	0 41	9 37	1 59	3 34	11 22	23 28	23 21	17 38			n.a.
S 22	19 17	24 45	2 21	25 3	1 45	25 51	2 19	14 49	1 46	22 23	0 3	23 14	0 21	1 6	0 41	9 36	1 59	3 34	11 22	23 28	23 21	17 36			n.a.
M23	19 31	24 54	1 19	25 3	1 39	25 43	2 14	14 46	1 49	22 25	0 3	23 14	0 22	1 5	0 41	9 36	1 59	3 35	11 22	23 28	23 21	17 34			n.a.
T 24	19 44	23 50	0 14	25 1	1 32	25 36	2 9	14 44	1 52	22 27	0 3	23 15	0 22	1 5	0 41	9 35	1 59	3 35	11 22	23 28	23 21	17 31			n.a.
W25	19 57	21 41	0n51	24 58	1 25	25 28	2 3	14 42	1 55	22 29	0 3	23 15	0 22	1 4	0 41	9 35	1 59	3 35	11 22	23 28	23 22	17 29			n.a.
T 26	20 10	18 37	1 54	24 53	1 17	25 19	1 58	14 40	1 58	22 31	0 2	23 15	0 22	1 3	0 41	9 35	1 59	3 36	11 22	23 28	23 22	17 27			n.a.
F 27	20 23	14 48	2 51	24 47	1 8	25 10	1 51	14 39	2 0	22 33	0 2	23 16	0 22	1 2	0 42	9 34	1 59	3 36	11 22	23 28	23 22	17 24			n.a.
S 28	20 35	10 25	3 41	24 40	0 59	25 1	1 45	14 37	2 3	22 34	0 2	23 16	0 22	1 1	0 42	9 34	1 59	3 36	11 22	23 28	23 22	17 22			n.a.
S 29	20 47	5 37	4 22	24 31	0 49	24 52	1 38	14 36	2 6	22 36	0 2	23 16	0 22	1 1	0 42	9 33	1 59	3 37	11 23	23 28	23 23	17 20			n.a.
M30	20 58	0 31	4 52	24 22	0 38	24 42	1 31	14 35	2 8	22 38	0 2	23 17	0 22	1 0	0 42	9 33	1 59	3 37	11 23	23 28	23 23	17 17			n.a.
T 31	21n 9	4n41	5n 9	24n12	0n28	24n32	1n24	14s34	2s11	22n40	0s 2	23s17	0s22	0s59	0s42	9s32	1n59	3n37	11s23	23s28	23s23	17s15			n.a.

Julian Day Number = 1598819.5, Delta T = 04h00m28s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'24, Lahiri = - 8°35'23 Julian Calendar 1 May 336 BCE == Greg. Calendar 26 Apr. 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

JUNE 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 18 50	4♊39'06	12♈43	0♋ 2	12♋57	2°R26	13♊40	14°R38	29♓10	29°R21	8♉10	8°R19	9♑31	4♒40	n.a.	W 1
T 2	16 22 47	5°36'13	25°52	0°49	13°23	2♏18	13°54	14♑35	29°12	29♎20	8°12	8♑14	9°28	4°47	n.a.	T 2
F 3	16 26 44	6°33'20	9♉24	1°31	13°47	2°11	14° 7	14°32	29°13	29°19	8°13	8° 9	9°25	4°53	n.a.	F 3
S 4	16 30 40	7°30'28	23°19	2°10	14°10	2° 5	14°20	14°29	29°15	29°17	8°14	8° 4	9°22	5° 0	n.a.	S 4
S 5	16 34 37	8°27'36	7♊33	2°44	14°31	2° 0	14°34	14°26	29°17	29°16	8°15	8° 1	9°19	5° 7	n.a.	S 5
M 6	16 38 33	9°24'44	22° 1	3°15	14°50	1°55	14°47	14°23	29°18	29°15	8°17	7°59	9°15	5°13	n.a.	M 6
T 7	16 42 30	10°21'53	6♋37	3°41	15° 8	1°52	15° 1	14°19	29°20	29°14	8°18	7°D58	9°12	5°20	n.a.	T 7
W 8	16 46 26	11°19'01	21°16	4° 3	15°23	1°49	15°14	14°16	29°22	29°13	8°19	7°58	9° 9	5°27	n.a.	W 8
T 9	16 50 23	12°16'10	5♌51	4°21	15°37	1°47	15°28	14°13	29°23	29°12	8°20	8° 0	9° 6	5°33	n.a.	T 9
F 10	16 54 19	13°13'19	20°18	4°34	15°48	1°46	15°41	14° 9	29°25	29°11	8°21	8° 1	9° 3	5°40	n.a.	F 10
S 11	16 58 16	14°10'27	4♍33	4°42	15°57	1°D46	15°54	14° 6	29°26	29°10	8°22	8° 2	9° 0	5°47	n.a.	S 11
S 12	17 2 13	15° 7'36	18°35	4°R46	16° 5	1°46	16° 8	14° 2	29°27	29° 9	8°24	8°R 2	8°56	5°53	n.a.	S 12
M13	17 6 9	16° 4'44	2♎21	4°45	16°10	1°48	16°21	13°58	29°29	29° 8	8°25	8° 1	8°53	6° 0	n.a.	M13
T 14	17 10 6	17° 1'53	15°53	4°38	16°12	1°50	16°35	13°55	29°30	29° 7	8°26	8° 0	8°50	6° 7	n.a.	T 14
W15	17 14 2	17°59'03	29°10	4°28	16°R13	1°53	16°48	13°51	29°31	29° 6	8°27	7°57	8°47	6°13	n.a.	W15
T 16	17 17 59	18°56'12	12♏13	4°12	16°11	1°57	17° 2	13°47	29°32	29° 5	8°28	7°55	8°44	6°20	n.a.	T 16
F 17	17 21 55	19°53'22	25° 1	3°52	16° 7	2° 2	17°15	13°43	29°34	29° 4	8°29	7°52	8°41	6°27	n.a.	F 17
S 18	17 25 52	20°50'33	7♐36	3°27	16° 0	2° 7	17°28	13°39	29°35	29° 3	8°30	7°50	8°37	6°33	n.a.	S 18
S 19	17 29 48	21°47'44	19°59	2°59	15°51	2°14	17°42	13°35	29°36	29° 2	8°31	7°48	8°34	6°40	n.a.	S 19
M20	17 33 45	22°44'55	2♑10	2°26	15°40	2°21	17°55	13°31	29°37	29° 1	8°32	7°D47	8°31	6°47	n.a.	M20
T 21	17 37 42	23°42'08	14°12	1°51	15°26	2°29	18° 9	13°27	29°38	29° 1	8°33	7°47	8°28	6°53	n.a.	T 21
W22	17 41 38	24°39'21	26° 7	1°12	15°10	2°37	18°22	13°23	29°39	29° 0	8°34	7°48	8°25	7° 0	n.a.	W22
T 23	17 45 35	25°36'35	7♒57	0°31	14°52	2°47	18°35	13°19	29°40	28°59	8°35	7°49	8°21	7° 7	n.a.	T 23
F 24	17 49 31	26°33'50	19°46	29♊49	14°31	2°57	18°49	13°15	29°40	28°59	8°36	7°50	8°18	7°13	n.a.	F 24
S 25	17 53 28	27°31'06	1♓37	29° 6	14° 8	3° 8	19° 2	13°11	29°41	28°58	8°37	7°51	8°15	7°20	n.a.	S 25
S 26	17 57 24	28°28'23	13°35	28°23	13°43	3°19	19°15	13° 6	29°42	28°57	8°38	7°52	8°12	7°27	n.a.	S 26
M27	18 1 21	29°25'41	25°43	27°40	13°16	3°32	19°29	13° 2	29°43	28°57	8°39	7°R52	8° 9	7°33	n.a.	M27
T 28	18 5 18	0♋23'01	8♈ 8	26°59	12°48	3°45	19°42	12°58	29°43	28°56	8°40	7°52	8° 6	7°40	n.a.	T 28
W29	18 9 14	1°20'21	20°52	26°20	12°17	3°58	19°55	12°53	29°44	28°55	8°41	7°52	8° 2	7°47	n.a.	W29
T 30	18 13 11	2♋17'43	3♉59	25♊44	11♋45	4♏13	20♊ 9	12♑49	29♓44	28♎55	8♉42	7♑51	7♑59	7♒53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n20	9n51	5n11	24n 0	0n16	24n22	1n16	14s33	2s13	22n42	0s 2	23s18	0s23	0s58	0s42	9s32	1n59	3n38	11s23	23s28	23s23	17s12		n.a.
T 2	21 30	14 43	4 58	23 48	0 4	24 11	1 8	14 32	2 15	22 43	0 2	23 18	0 23	0 58	0 42	9 32	1 59	3 38	11 23	23 29	23 24	17 10		n.a.
F 3	21 40	19 1	4 27	23 35	0s 8	24 1	1 0	14 32	2 18	22 45	0 2	23 19	0 23	0 57	0 42	9 31	1 59	3 38	11 23	23 29	23 24	17 8		n.a.
S 4	21 50	22 23	3 40	23 22	0 21	23 50	0 52	14 32	2 20	22 47	0 2	23 19	0 23	0 56	0 42	9 31	1 58	3 39	11 23	23 29	23 24	17 5		n.a.
S 5	21 59	24 27	2 39	23 8	0 35	23 38	0 43	14 32	2 22	22 48	0 1	23 20	0 23	0 56	0 42	9 30	1 58	3 39	11 23	23 29	23 24	17 3		n.a.
M 6	22 8	24 56	1 26	22 53	0 48	23 27	0 33	14 32	2 24	22 50	0 1	23 20	0 23	0 55	0 42	9 30	1 58	3 39	11 23	23 30	23 25	17 1		n.a.
T 7	22 17	23 41	0 7	22 39	1 3	23 15	0 24	14 33	2 26	22 52	0 1	23 20	0 23	0 54	0 42	9 30	1 58	3 40	11 23	23 30	23 25	16 58		n.a.
W 8	22 25	20 50	1s12	22 23	1 17	23 4	0 14	14 34	2 28	22 53	0 1	23 21	0 23	0 54	0 42	9 29	1 58	3 40	11 23	23 30	23 25	16 56		n.a.
T 9	22 33	16 40	2 27	22 8	1 32	22 52	0 3	14 35	2 30	22 55	0 1	23 21	0 23	0 53	0 42	9 29	1 58	3 40	11 23	23 30	23 25	16 53		n.a.
F 10	22 40	11 33	3 32	21 53	1 46	22 40	0s 7	14 36	2 32	22 56	0 1	23 22	0 24	0 53	0 42	9 29	1 58	3 40	11 24	23 29	23 25	16 51		n.a.
S 11	22 47	5 53	4 23	21 38	2 1	22 28	0 18	14 38	2 34	22 58	0 1	23 22	0 24	0 52	0 42	9 28	1 58	3 41	11 24	23 29	23 26	16 49		n.a.
S 12	22 54	0 1	4 57	21 23	2 16	22 16	0 30	14 39	2 35	23 0	0 1	23 23	0 24	0 52	0 42	9 28	1 58	3 41	11 24	23 29	23 26	16 46		n.a.
M13	23 0	5s44	5 13	21 8	2 31	22 3	0 42	14 41	2 37	23 1	0 1	23 23	0 24	0 51	0 42	9 28	1 58	3 41	11 24	23 29	23 26	16 44		n.a.
T 14	23 6	11 7	5 12	20 53	2 46	21 51	0 54	14 44	2 38	23 3	0 0	23 24	0 24	0 51	0 42	9 27	1 58	3 41	11 24	23 29	23 26	16 41		n.a.
W15	23 11	15 53	4 54	20 39	3 0	21 39	1 6	14 46	2 40	23 4	0 0	23 24	0 24	0 50	0 42	9 27	1 58	3 42	11 24	23 30	23 26	16 39		n.a.
T 16	23 16	19 49	4 21	20 26	3 15	21 26	1 19	14 49	2 41	23 5	0 0	23 25	0 24	0 50	0 42	9 27	1 58	3 42	11 24	23 30	23 27	16 37		n.a.
F 17	23 21	22 44	3 35	20 13	3 28	21 14	1 32	14 52	2 43	23 7	0 0	23 25	0 24	0 49	0 42	9 27	1 58	3 42	11 24	23 30	23 27	16 34		n.a.
S 18	23 25	24 28	2 39	20 1	3 41	21 2	1 45	14 55	2 44	23 8	0 0	23 26	0 24	0 49	0 42	9 26	1 58	3 42	11 24	23 30	23 27	16 32		n.a.
S 19	23 29	24 58	1 37	19 49	3 53	20 50	1 58	14 58	2 45	23 10	0n 0	23 26	0 25	0 48	0 42	9 26	1 58	3 42	11 25	23 30	23 27	16 29		n.a.
M20	23 32	24 14	0 31	19 39	4 4	20 37	2 12	15 2	2 46	23 11	0 0	23 27	0 25	0 48	0 42	9 26	1 58	3 43	11 25	23 30	23 28	16 27		n.a.
T 21	23 35	22 23	0n35	19 30	4 14	20 25	2 26	15 6	2 48	23 12	0 0	23 27	0 25	0 48	0 42	9 26	1 58	3 43	11 25	23 30	23 28	16 24		n.a.
W22	23 38	19 33	1 40	19 21	4 22	20 13	2 40	15 10	2 49	23 14	0 0	23 28	0 25	0 47	0 42	9 25	1 58	3 43	11 25	23 30	23 28	16 22		n.a.
T 23	23 40	15 56	2 40	19 15	4 30	20 1	2 54	15 14	2 50	23 15	0 0	23 29	0 25	0 47	0 42	9 25	1 57	3 43	11 25	23 30	23 28	16 20		n.a.
F 24	23 41	11 43	3 32	19 9	4 35	19 49	3 8	15 19	2 51	23 16	0 1	23 29	0 25	0 47	0 42	9 25	1 57	3 43	11 25	23 30	23 28	16 17		n.a.
S 25	23 43	7 3	4 16	19 5	4 39	19 38	3 22	15 23	2 52	23 17	0 1	23 30	0 25	0 46	0 42	9 25	1 57	3 44	11 25	23 30	23 29	16 15		n.a.
S 26	23 44	2 5	4 49	19 2	4 42	19 26	3 36	15 28	2 52	23 18	0 1	23 30	0 25	0 46	0 42	9 25	1 57	3 44	11 25	23 30	23 29	16 12		n.a.
M27	23 44	3n 1	5 10	19 0	4 43	19 15	3 50	15 33	2 53	23 20	0 1	23 31	0 25	0 46	0 42	9 25	1 57	3 44	11 26	23 30	23 29	16 10		n.a.
T 28	23 44	8 7	5 17	19 1	4 41	19 3	4 4	15 39	2 54	23 21	0 1	23 31	0 26	0 46	0 42	9 24	1 57	3 44	11 26	23 30	23 29	16 7		n.a.
W29	23 44	13 0	5 9	19 3	4 39	18 53	4 18	15 44	2 55	23 22	0 1	23 32	0 26	0 45	0 43	9 24	1 57	3 44	11 26	23 30	23 29	16 5		n.a.
T 30	23n43	17n28	4n45	19n 6	4s34	18n42	4s32	15s50	2s56	23n23	0n 1	23s32	0s26	0s45	0s43	9s24	1n57	3n44	11s26	23s30	23s30	16s 2		n.a.

Julian Day Number = 1598850.5, Delta T = 04h00m27s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'19, Lahiri = - 8°35'19 Julian Calendar 1 June 336 BCE == Greg. Calendar 27 May 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

JULY 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 17 7	3♋15'06	17♉32	25°R12	11°R12	4♏28	20♊22	12°R45	29♓45	28°R54	8♉43	7°R51	7♐56	8♒ 0	n.a.	F 1
S 2	18 21 4	4°12'31	1♊30	24♊44	10♋38	4°43	20°35	12♐40	29°45	28♎54	8°44	7♐50	7°53	8° 7	n.a.	S 2
S 3	18 25 0	5° 9'56	15°53	24°21	10° 2	5° 0	20°48	12°36	29°46	28°54	8°45	7°50	7°50	8°13	n.a.	S 3
M 4	18 28 57	6° 7'23	0♋35	24° 4	9°26	5°17	21° 1	12°31	29°46	28°53	8°45	7°D50	7°47	8°20	n.a.	M 4
T 5	18 32 53	7° 4'51	15°31	23°52	8°49	5°34	21°15	12°27	29°46	28°53	8°46	7°50	7°43	8°27	n.a.	T 5
W 6	18 36 50	8° 2'21	0♌32	23°D46	8°12	5°53	21°28	12°22	29°46	28°52	8°47	7°R50	7°40	8°33	n.a.	W 6
T 7	18 40 47	8°59'51	15°29	23°47	7°35	6°11	21°41	12°18	29°47	28°52	8°48	7°50	7°37	8°40	n.a.	T 7
F 8	18 44 43	9°57'22	0♍16	23°54	6°58	6°31	21°54	12°13	29°47	28°52	8°49	7°50	7°34	8°47	n.a.	F 8
S 9	18 48 40	10°54'54	14°46	24° 8	6°22	6°51	22° 7	12° 9	29°47	28°52	8°49	7°49	7°31	8°53	n.a.	S 9
S 10	18 52 36	11°52'27	28°56	24°29	5°46	7°11	22°20	12° 4	29°R47	28°51	8°50	7°49	7°27	9° 0	n.a.	S 10
M11	18 56 33	12°50'01	12♎43	24°57	5°11	7°33	22°33	12° 0	29°47	28°51	8°51	7°D49	7°24	9° 7	n.a.	M11
T 12	19 0 29	13°47'36	26° 9	25°32	4°37	7°54	22°46	11°55	29°47	28°51	8°51	7°49	7°21	9°13	n.a.	T 12
W13	19 4 26	14°45'12	9♏14	26°14	4° 4	8°16	22°59	11°51	29°47	28°51	8°52	7°50	7°18	9°20	n.a.	W13
T 14	19 8 22	15°42'49	22° 1	27° 2	3°33	8°39	23°12	11°46	29°47	28°51	8°53	7°50	7°15	9°27	n.a.	T 14
F 15	19 12 19	16°40'28	4♐32	27°57	3° 3	9° 2	23°25	11°42	29°46	28°51	8°53	7°51	7°12	9°33	n.a.	F 15
S 16	19 16 16	17°38'08	16°51	28°59	2°35	9°26	23°37	11°38	29°46	28°D51	8°54	7°52	7° 8	9°40	n.a.	S 16
S 17	19 20 12	18°35'49	28°59	0♋ 7	2°10	9°50	23°50	11°33	29°46	28°51	8°55	7°53	7° 5	9°47	n.a.	S 17
M18	19 24 9	19°33'31	10♐59	1°20	1°46	10°15	24° 3	11°29	29°45	28°51	8°55	7°R53	7° 2	9°53	n.a.	M18
T 19	19 28 5	20°31'15	22°53	2°40	1°24	10°40	24°16	11°24	29°45	28°51	8°56	7°52	6°59	10° 0	n.a.	T 19
W20	19 32 2	21°29'01	4♒44	4° 4	1° 5	11° 6	24°28	11°20	29°45	28°51	8°56	7°51	6°56	10° 7	n.a.	W20
T 21	19 35 58	22°26'48	16°33	5°34	0°47	11°32	24°41	11°15	29°44	28°51	8°57	7°49	6°53	10°13	n.a.	T 21
F 22	19 39 55	23°24'36	28°23	7° 9	0°33	11°58	24°53	11°11	29°44	28°51	8°57	7°47	6°49	10°20	n.a.	F 22
S 23	19 43 51	24°22'27	10♓16	8°47	0°20	12°25	25° 6	11° 7	29°43	28°52	8°58	7°45	6°46	10°27	n.a.	S 23
S 24	19 47 48	25°20'19	22°15	10°30	0°10	12°52	25°18	11° 2	29°42	28°52	8°58	7°42	6°43	10°33	n.a.	S 24
M25	19 51 45	26°18'13	4♈25	12°15	0° 2	13°20	25°31	10°58	29°42	28°52	8°59	7°40	6°40	10°40	n.a.	M25
T 26	19 55 41	27°16'09	16°48	14° 4	29♊57	13°48	25°43	10°54	29°41	28°52	8°59	7°39	6°37	10°47	n.a.	T 26
W27	19 59 38	28°14'07	29°28	15°55	29°54	14°17	25°55	10°50	29°40	28°53	8°59	7°D39	6°33	10°53	n.a.	W27
T 28	20 3 34	29°12'07	12♉29	17°48	29°D54	14°46	26° 8	10°46	29°39	28°53	9° 0	7°39	6°30	11° 0	n.a.	T 28
F 29	20 7 31	0♌10'09	25°55	19°42	29°56	15°15	26°20	10°41	29°38	28°54	9° 0	7°40	6°27	11° 7	n.a.	F 29
S 30	20 11 27	1° 8'13	9♊47	21°38	0♋ 0	15°45	26°32	10°37	29°38	28°54	9° 0	7°42	6°24	11°13	n.a.	S 30
S 31	20 15 24	2♌ 6'20	24♊ 6	23♋35	0♋ 7	16♏15	26♊44	10♐33	29♓37	28♎55	9♉ 1	7♐43	6♐21	11♒20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n42	21n11	4n 5	19n11	4s28	18n31	4s45	15s55	2s56	23n24	0n 1	23s33	0s26	0s45	0s43	9s24	1n57	3n44	11s26	23s30	23s30	16s 0		n.a.
S 2	23 40	23 47	3 8	19 17	4 21	18 21	4 58	16 1	2 57	23 25	0 1	23 33	0 26	0 45	0 43	9 24	1 57	3 44	11 26	23 30	23 30	15 58		n.a.
S 3	23 38	24 57	1 59	19 26	4 11	18 12	5 10	16 8	2 57	23 26	0 1	23 34	0 26	0 45	0 43	9 24	1 57	3 45	11 27	23 30	23 30	15 55		n.a.
M 4	23 36	24 24	0 40	19 35	4 1	18 2	5 22	16 14	2 58	23 27	0 2	23 34	0 26	0 45	0 43	9 24	1 57	3 45	11 27	23 30	23 30	15 53		n.a.
T 5	23 33	22 7	0s43	19 46	3 50	17 53	5 34	16 20	2 58	23 28	0 2	23 35	0 26	0 45	0 43	9 24	1 57	3 45	11 27	23 30	23 30	15 50		n.a.
W 6	23 29	18 17	2 3	19 58	3 37	17 45	5 45	16 27	2 59	23 29	0 2	23 35	0 26	0 45	0 43	9 24	1 57	3 45	11 27	23 30	23 31	15 48		n.a.
T 7	23 26	13 18	3 14	20 12	3 24	17 36	5 55	16 34	2 59	23 30	0 2	23 36	0 26	0 45	0 43	9 24	1 57	3 45	11 27	23 30	23 31	15 45		n.a.
F 8	23 21	7 35	4 12	20 26	3 9	17 29	6 5	16 41	3 0	23 31	0 2	23 36	0 27	0 45	0 43	9 23	1 57	3 45	11 27	23 30	23 31	15 43		n.a.
S 9	23 17	1 35	4 52	20 42	2 55	17 21	6 14	16 48	3 0	23 32	0 2	23 37	0 27	0 45	0 43	9 23	1 56	3 45	11 28	23 30	23 31	15 40		n.a.
S 10	23 12	4s21	5 14	20 58	2 39	17 15	6 22	16 55	3 0	23 33	0 2	23 37	0 27	0 45	0 43	9 23	1 56	3 45	11 28	23 30	23 31	15 38		n.a.
M11	23 6	9 56	5 16	21 15	2 24	17 9	6 30	17 2	3 1	23 34	0 2	23 38	0 27	0 45	0 43	9 23	1 56	3 45	11 28	23 30	23 32	15 35		n.a.
T 12	23 1	14 53	5 1	21 32	2 8	17 3	6 36	17 10	3 1	23 35	0 2	23 38	0 27	0 45	0 43	9 23	1 56	3 45	11 28	23 30	23 32	15 33		n.a.
W13	22 54	19 1	4 31	21 49	1 52	16 58	6 42	17 17	3 1	23 35	0 3	23 39	0 27	0 45	0 43	9 23	1 56	3 45	11 28	23 30	23 32	15 30		n.a.
T 14	22 48	22 10	3 48	22 6	1 36	16 54	6 48	17 25	3 1	23 36	0 3	23 39	0 27	0 45	0 43	9 24	1 56	3 45	11 29	23 30	23 32	15 28		n.a.
F 15	22 41	24 10	2 55	22 23	1 20	16 50	6 52	17 33	3 1	23 37	0 3	23 40	0 27	0 45	0 43	9 24	1 56	3 45	11 29	23 30	23 32	15 25		n.a.
S 16	22 33	24 58	1 54	22 40	1 4	16 47	6 56	17 41	3 2	23 38	0 3	23 40	0 27	0 45	0 43	9 24	1 56	3 45	11 29	23 30	23 32	15 23		n.a.
S 17	22 26	24 33	0 49	22 55	0 49	16 44	6 59	17 49	3 2	23 38	0 3	23 41	0 27	0 45	0 43	9 24	1 56	3 45	11 29	23 30	23 33	15 20		n.a.
M18	22 17	22 59	0n17	23 10	0 34	16 42	7 1	17 57	3 2	23 39	0 3	23 41	0 27	0 45	0 43	9 24	1 56	3 45	11 29	23 30	23 33	15 18		n.a.
T 19	22 9	20 25	1 22	23 23	0 20	16 41	7 3	18 5	3 2	23 40	0 3	23 42	0 27	0 46	0 43	9 24	1 56	3 45	11 29	23 30	23 33	15 15		n.a.
W20	22 0	17 0	2 23	23 35	0 6	16 40	7 4	18 13	3 2	23 40	0 3	23 42	0 28	0 46	0 43	9 24	1 56	3 45	11 30	23 30	23 33	15 13		n.a.
T 21	21 50	12 56	3 18	23 45	0n 8	16 40	7 4	18 21	3 2	23 41	0 3	23 43	0 28	0 46	0 43	9 24	1 56	3 45	11 30	23 30	23 33	15 10		n.a.
F 22	21 41	8 22	4 4	23 53	0 20	16 41	7 4	18 30	3 2	23 42	0 4	23 43	0 28	0 46	0 43	9 24	1 56	3 45	11 30	23 30	23 33	15 8		n.a.
S 23	21 31	3 30	4 40	23 58	0 32	16 42	7 3	18 38	3 2	23 42	0 4	23 44	0 28	0 46	0 43	9 24	1 56	3 45	11 30	23 30	23 34	15 5		n.a.
S 24	21 20	1n32	5 4	24 2	0 43	16 43	7 1	18 46	3 2	23 43	0 4	23 44	0 28	0 47	0 43	9 24	1 55	3 45	11 30	23 31	23 34	15 3		n.a.
M25	21 9	6 35	5 15	24 3	0 53	16 45	6 59	18 55	3 2	23 43	0 4	23 44	0 28	0 47	0 43	9 25	1 55	3 45	11 31	23 31	23 34	15 0		n.a.
T 26	20 58	11 28	5 12	24 1	1 2	16 47	6 57	19 4	3 1	23 44	0 4	23 45	0 28	0 47	0 43	9 25	1 55	3 45	11 31	23 31	23 34	14 58		n.a.
W27	20 46	15 58	4 53	23 57	1 11	16 50	6 54	19 12	3 1	23 44	0 4	23 45	0 28	0 48	0 43	9 25	1 55	3 45	11 31	23 31	23 34	14 55		n.a.
T 28	20 34	19 53	4 19	23 50	1 18	16 54	6 51	19 21	3 1	23 45	0 4	23 46	0 28	0 48	0 43	9 25	1 55	3 45	11 31	23 31	23 34	14 53		n.a.
F 29	20 22	22 53	3 30	23 40	1 25	16 57	6 47	19 29	3 1	23 45	0 4	23 46	0 28	0 48	0 43	9 25	1 55	3 45	11 32	23 31	23 35	14 50		n.a.
S 30	20 9	24 38	2 28	23 28	1 31	17 1	6 43	19 38	3 1	23 46	0 4	23 47	0 28	0 49	0 43	9 26	1 55	3 45	11 32	23 31	23 35	14 48		n.a.
S 31	19n56	24n50	1n14	23n13	1n35	17n 6	6s38	19s47	3s 0	23n46	0n 5	23s47	0s28	0s49	0s44	9s26	1n55	3n45	11s32	23s30	23s35	14s45		n.a.

Julian Day Number = 1598880.5, Delta T = 04h00m26s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'15, Lahiri = - 8°35'15 Julian Calendar 1 July 336 BCE == Greg. Calendar 26 June 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

AUGUST 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 19 20	3♌ 4'28	8♋48	25♋32	0♋15	16♏45	26♊56	10°R29	29°R36	28♎55	9♉ 1	7°R43	6♑18	11♒27	n.a.	M 1
T 2	20 23 17	4° 2'38	23°49	27°30	0°26	17°16	27° 8	10♑25	29♓34	28°56	9° 1	7♑43	6°14	11°33	n.a.	T 2
W 3	20 27 14	5° 0'50	9♌ 1	29°27	0°39	17°47	27°20	10°22	29°33	28°56	9° 1	7°41	6°11	11°40	n.a.	W 3
T 4	20 31 10	5°59'04	24°15	1♌24	0°54	18°18	27°32	10°18	29°32	28°57	9° 2	7°37	6° 8	11°47	n.a.	T 4
F 5	20 35 7	6°57'19	9♍19	3°21	1°11	18°50	27°43	10°14	29°31	28°57	9° 2	7°33	6° 5	11°53	n.a.	F 5
S 6	20 39 3	7°55'36	24° 5	5°17	1°29	19°22	27°55	10°10	29°30	28°58	9° 2	7°29	6° 2	12° 0	n.a.	S 6
S 7	20 43 0	8°53'55	8♎28	7°13	1°50	19°54	28° 7	10° 7	29°29	28°59	9° 2	7°26	5°59	12° 7	n.a.	S 7
M 8	20 46 56	9°52'16	22°23	9° 8	2°12	20°27	28°18	10° 3	29°27	28°59	9° 2	7°23	5°55	12°13	n.a.	M 8
T 9	20 50 53	10°50'38	5♏51	11° 1	2°36	21° 0	28°30	9°59	29°26	29° 0	9° 2	7°D22	5°52	12°20	n.a.	T 9
W10	20 54 49	11°49'02	18°53	12°54	3° 2	21°33	28°41	9°56	29°24	29° 1	9° 3	7°22	5°49	12°27	n.a.	W10
T 11	20 58 46	12°47'27	1♐33	14°46	3°29	22° 7	28°53	9°52	29°23	29° 2	9° 3	7°23	5°46	12°33	n.a.	T 11
F 12	21 2 43	13°45'55	13°55	16°37	3°58	22°41	29° 4	9°49	29°22	29° 3	9° 3	7°25	5°43	12°40	n.a.	F 12
S 13	21 6 39	14°44'24	26° 3	18°27	4°29	23°15	29°15	9°46	29°20	29° 4	9° 3	7°26	5°39	12°47	n.a.	S 13
S 14	21 10 36	15°42'55	8♑ 2	20°16	5° 0	23°49	29°26	9°43	29°19	29° 4	9°R 3	7°R27	5°36	12°53	n.a.	S 14
M15	21 14 32	16°41'27	19°54	22° 4	5°34	24°24	29°37	9°40	29°17	29° 5	9° 3	7°26	5°33	13° 0	n.a.	M15
T 16	21 18 29	17°40'02	1♒44	23°50	6° 8	24°59	29°48	9°36	29°15	29° 6	9° 3	7°23	5°30	13° 7	n.a.	T 16
W17	21 22 25	18°38'39	13°33	25°36	6°44	25°34	29°59	9°33	29°14	29° 7	9° 3	7°18	5°27	13°13	n.a.	W17
T 18	21 26 22	19°37'17	25°24	27°21	7°22	26° 9	0♋10	9°31	29°12	29° 8	9° 3	7°12	5°24	13°20	n.a.	T 18
F 19	21 30 18	20°35'58	7♓18	29° 4	8° 0	26°45	0°20	9°28	29°10	29° 9	9° 2	7° 4	5°20	13°27	n.a.	F 19
S 20	21 34 15	21°34'41	19°17	0♍47	8°40	27°21	0°31	9°25	29° 8	29°11	9° 2	6°56	5°17	13°33	n.a.	S 20
S 21	21 38 11	22°33'26	1♈23	2°28	9°20	27°57	0°42	9°22	29° 7	29°12	9° 2	6°47	5°14	13°40	n.a.	S 21
M22	21 42 8	23°32'13	13°38	4° 9	10° 2	28°33	0°52	9°20	29° 5	29°13	9° 2	6°40	5°11	13°47	n.a.	M22
T 23	21 46 5	24°31'02	26° 4	5°48	10°45	29° 9	1° 2	9°17	29° 3	29°14	9° 2	6°34	5° 8	13°53	n.a.	T 23
W24	21 50 1	25°29'54	8♉45	7°27	11°29	29°46	1°13	9°15	29° 1	29°15	9° 2	6°31	5° 5	14° 0	n.a.	W24
T 25	21 53 58	26°28'49	21°42	9° 4	12°14	0♐23	1°23	9°12	28°59	29°16	9° 1	6°D29	5° 1	14° 7	n.a.	T 25
F 26	21 57 54	27°27'45	5♊ 0	10°41	13° 0	1° 0	1°33	9°10	28°57	29°18	9° 1	6°29	4°58	14°13	n.a.	F 26
S 27	22 1 51	28°26'45	18°41	12°17	13°47	1°38	1°43	9° 8	28°55	29°19	9° 1	6°30	4°55	14°20	n.a.	S 27
S 28	22 5 47	29°25'47	2♋47	13°52	14°34	2°15	1°52	9° 6	28°53	29°20	9° 1	6°R31	4°52	14°27	n.a.	S 28
M29	22 9 44	0♍24'51	17°17	15°26	15°23	2°53	2° 2	9° 4	28°51	29°22	9° 0	6°31	4°49	14°34	n.a.	M29
T 30	22 13 40	1°23'57	2♌ 9	16°59	16°12	3°31	2°12	9° 2	28°49	29°23	9° 0	6°28	4°45	14°40	n.a.	T 30
W31	22 17 37	2♍23'06	17♌15	18♍31	17♋ 2	4♐ 9	2♋21	9♑ 0	28♓47	29♎24	9♉ 0	6♑24	4♑42	14♒47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	19n43	23n20	0s 6	22n55	1n39	17n10	6s34	19s55	3s 0	23n47	0n 5	23s47	0s28	0s50	0s44	9s26	1n55	3n44	11s32	23s30	23s35	14s43			n.a.
T 2	19 29	20 10	1 27	22 36	1 43	17 15	6 29	20 4	3 0	23 47	0 5	23 48	0 29	0 50	0 44	9 26	1 55	3 44	11 32	23 31	23 35	14 40			n.a.
W 3	19 15	15 36	2 44	22 14	1 45	17 20	6 24	20 13	3 0	23 47	0 5	23 48	0 29	0 51	0 44	9 27	1 55	3 44	11 33	23 31	23 35	14 38			n.a.
T 4	19 1	10 1	3 48	21 50	1 47	17 26	6 18	20 21	2 59	23 48	0 5	23 48	0 29	0 51	0 44	9 27	1 55	3 44	11 33	23 31	23 36	14 35			n.a.
F 5	18 46	3 55	4 36	21 23	1 48	17 31	6 12	20 30	2 59	23 48	0 5	23 49	0 29	0 52	0 44	9 27	1 55	3 44	11 33	23 31	23 36	14 33			n.a.
S 6	18 31	2s16	5 4	20 55	1 48	17 37	6 7	20 39	2 59	23 48	0 5	23 49	0 29	0 52	0 44	9 27	1 55	3 44	11 33	23 31	23 36	14 30			n.a.
S 7	18 15	8 10	5 13	20 26	1 47	17 43	6 0	20 47	2 58	23 49	0 5	23 50	0 29	0 53	0 44	9 28	1 55	3 44	11 33	23 32	23 36	14 27			n.a.
M 8	18 0	13 29	5 2	19 54	1 47	17 49	5 54	20 56	2 58	23 49	0 5	23 50	0 29	0 53	0 44	9 28	1 54	3 43	11 34	23 32	23 36	14 25			n.a.
T 9	17 44	17 57	4 35	19 22	1 45	17 55	5 48	21 5	2 57	23 49	0 6	23 50	0 29	0 54	0 44	9 28	1 54	3 43	11 34	23 32	23 36	14 22			n.a.
W10	17 27	21 24	3 55	18 47	1 43	18 1	5 41	21 13	2 57	23 49	0 6	23 51	0 29	0 54	0 44	9 29	1 54	3 43	11 34	23 32	23 36	14 20			n.a.
T 11	17 11	23 43	3 3	18 12	1 40	18 7	5 35	21 22	2 57	23 50	0 6	23 51	0 29	0 55	0 44	9 29	1 54	3 43	11 34	23 32	23 37	14 17			n.a.
F 12	16 54	24 49	2 5	17 36	1 37	18 13	5 28	21 30	2 56	23 50	0 6	23 51	0 29	0 56	0 44	9 29	1 54	3 43	11 34	23 32	23 37	14 15			n.a.
S 13	16 37	24 42	1 2	16 58	1 34	18 19	5 21	21 39	2 56	23 50	0 6	23 51	0 29	0 56	0 44	9 30	1 54	3 43	11 35	23 31	23 37	14 12			n.a.
S 14	16 19	23 26	0n 3	16 20	1 30	18 24	5 14	21 47	2 55	23 50	0 6	23 52	0 29	0 57	0 44	9 30	1 54	3 42	11 35	23 31	23 37	14 10			n.a.
M15	16 2	21 8	1 7	15 41	1 26	18 30	5 7	21 55	2 55	23 50	0 6	23 52	0 29	0 58	0 44	9 31	1 54	3 42	11 35	23 31	23 37	14 7			n.a.
T 16	15 44	17 56	2 8	15 1	1 22	18 36	5 0	22 3	2 54	23 51	0 6	23 52	0 29	0 58	0 44	9 31	1 54	3 42	11 35	23 32	23 37	14 4			n.a.
W17	15 25	14 2	3 3	14 21	1 17	18 41	4 53	22 12	2 53	23 51	0 7	23 53	0 30	0 59	0 44	9 31	1 54	3 42	11 35	23 32	23 37	14 2			n.a.
T 18	15 7	9 36	3 50	13 40	1 12	18 46	4 46	22 20	2 53	23 51	0 7	23 53	0 30	1 0	0 44	9 32	1 54	3 42	11 36	23 32	23 37	13 59			n.a.
F 19	14 48	4 48	4 28	12 58	1 6	18 51	4 39	22 28	2 52	23 51	0 7	23 53	0 30	1 0	0 44	9 32	1 54	3 41	11 36	23 33	23 38	13 57			n.a.
S 20	14 29	0n12	4 54	12 17	1 1	18 56	4 31	22 36	2 52	23 51	0 7	23 53	0 30	1 1	0 44	9 33	1 54	3 41	11 36	23 33	23 38	13 54			n.a.
S 21	14 10	5 14	5 6	11 34	0 55	19 1	4 24	22 43	2 51	23 51	0 7	23 54	0 30	1 2	0 44	9 33	1 54	3 41	11 36	23 34	23 38	13 52			n.a.
M22	13 50	10 7	5 6	10 52	0 49	19 5	4 17	22 51	2 51	23 51	0 7	23 54	0 30	1 3	0 44	9 34	1 54	3 41	11 37	23 34	23 38	13 49			n.a.
T 23	13 31	14 41	4 50	10 9	0 43	19 9	4 10	22 59	2 50	23 51	0 7	23 54	0 30	1 3	0 44	9 34	1 54	3 40	11 37	23 34	23 38	13 46			n.a.
W24	13 11	18 42	4 21	9 26	0 36	19 12	4 2	23 6	2 49	23 51	0 7	23 54	0 30	1 4	0 44	9 35	1 53	3 40	11 37	23 34	23 38	13 44			n.a.
T 25	12 51	21 55	3 37	8 43	0 30	19 16	3 55	23 14	2 49	23 51	0 8	23 55	0 30	1 5	0 44	9 35	1 53	3 40	11 37	23 34	23 38	13 41			n.a.
F 26	12 30	24 2	2 41	8 0	0 23	19 19	3 48	23 21	2 48	23 51	0 8	23 55	0 30	1 6	0 44	9 36	1 53	3 40	11 37	23 34	23 38	13 39			n.a.
S 27	12 10	24 49	1 34	7 17	0 16	19 21	3 41	23 28	2 47	23 51	0 8	23 55	0 30	1 7	0 44	9 36	1 53	3 39	11 38	23 34	23 39	13 36			n.a.
S 28	11 49	24 2	0 20	6 34	0 9	19 24	3 33	23 35	2 47	23 51	0 8	23 55	0 30	1 7	0 44	9 37	1 53	3 39	11 38	23 34	23 39	13 34			n.a.
M29	11 28	21 39	0s58	5 51	0 2	19 25	3 26	23 42	2 46	23 51	0 8	23 55	0 30	1 8	0 44	9 37	1 53	3 39	11 38	23 34	23 39	13 31			n.a.
T 30	11 7	17 46	2 13	5 8	0s 5	19 27	3 19	23 49	2 45	23 51	0 8	23 56	0 30	1 9	0 44	9 38	1 53	3 38	11 38	23 35	23 39	13 28			n.a.
W31	10n45	12n41	3s20	4n25	0s12	19n28	3s12	23s56	2s44	23n51	0n 8	23s56	0s30	1s10	0s44	9s38	1n53	3n38	11s38	23s35	23s39	13s26			n.a.

Julian Day Number = 1598911.5, Delta T = 04h00m25s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'11, Lahiri = - 8°35'11 Julian Calendar 1 Aug. 336 BCE == Greg. Calendar 27 July 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

SEPTEMBER 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 21 34	3♍22'17	2♍29	20♍ 3	17♋53	4♐47	2♋31	8°R59	28°R45	29♎26	8°R59	6°R16	4♑39	14♒54	n.a.	T 1
F 2	22 25 30	4°21'30	17°38	21°33	18°44	5°25	2°40	8♑57	28♓42	29°27	8♉59	6♑ 8	4°36	15° 0	n.a.	F 2
S 3	22 29 27	5°20'45	2♎33	23° 3	19°37	6° 4	2°49	8°55	28°40	29°29	8°58	5°58	4°33	15° 7	n.a.	S 3
S 4	22 33 23	6°20'02	17° 5	24°32	20°29	6°43	2°58	8°54	28°38	29°30	8°58	5°50	4°30	15°14	n.a.	S 4
M 5	22 37 20	7°19'21	1♏ 9	26° 0	21°23	7°22	3° 7	8°53	28°36	29°32	8°58	5°43	4°26	15°20	n.a.	M 5
T 6	22 41 16	8°18'43	14°44	27°27	22°17	8° 1	3°16	8°51	28°34	29°33	8°57	5°38	4°23	15°27	n.a.	T 6
W 7	22 45 13	9°18'06	27°49	28°53	23°12	8°40	3°25	8°50	28°31	29°35	8°57	5°35	4°20	15°34	n.a.	W 7
T 8	22 49 9	10°17'30	10♐30	0♎18	24° 7	9°20	3°33	8°49	28°29	29°37	8°56	5°D35	4°17	15°40	n.a.	T 8
F 9	22 53 6	11°16'57	22°50	1°43	25° 3	9°59	3°42	8°48	28°27	29°38	8°56	5°35	4°14	15°47	n.a.	F 9
S 10	22 57 3	12°16'26	4♑55	3° 6	26° 0	10°39	3°50	8°48	28°24	29°40	8°55	5°R36	4°10	15°54	n.a.	S 10
S 11	23 0 59	13°15'56	16°50	4°28	26°57	11°19	3°58	8°47	28°22	29°42	8°54	5°35	4° 7	16° 0	n.a.	S 11
M12	23 4 56	14°15'29	28°39	5°50	27°54	11°59	4° 7	8°46	28°20	29°43	8°54	5°32	4° 4	16° 7	n.a.	M12
T 13	23 8 52	15°15'03	10♒27	7°10	28°52	12°39	4°15	8°46	28°17	29°45	8°53	5°27	4° 1	16°14	n.a.	T 13
W14	23 12 49	16°14'39	22°17	8°29	29°51	13°19	4°22	8°45	28°15	29°47	8°53	5°19	3°58	16°20	n.a.	W14
T 15	23 16 45	17°14'18	4♓13	9°47	0♌50	14° 0	4°30	8°45	28°13	29°48	8°52	5° 9	3°55	16°27	n.a.	T 15
F 16	23 20 42	18°13'58	16°14	11° 4	1°50	14°40	4°38	8°45	28°10	29°50	8°51	4°56	3°51	16°34	n.a.	F 16
S 17	23 24 38	19°13'40	28°24	12°19	2°50	15°21	4°45	8°45	28° 8	29°52	8°51	4°43	3°48	16°40	n.a.	S 17
S 18	23 28 35	20°13'25	10♈42	13°33	3°50	16° 2	4°52	8°D45	28° 5	29°54	8°50	4°29	3°45	16°47	n.a.	S 18
M19	23 32 31	21°13'12	23°10	14°45	4°51	16°42	4°59	8°45	28° 3	29°56	8°49	4°17	3°42	16°54	n.a.	M19
T 20	23 36 28	22°13'01	5♉47	15°55	5°52	17°23	5° 6	8°45	28° 0	29°58	8°49	4° 7	3°39	17° 0	n.a.	T 20
W21	23 40 25	23°12'52	18°37	17° 3	6°54	18° 5	5°13	8°45	27°58	29°59	8°48	4° 0	3°36	17° 7	n.a.	W21
T 22	23 44 21	24°12'45	1♊39	18°10	7°56	18°46	5°20	8°46	27°56	0♏ 1	8°47	3°56	3°32	17°14	n.a.	T 22
F 23	23 48 18	25°12'41	14°56	19°14	8°58	19°27	5°27	8°46	27°53	0° 3	8°46	3°55	3°29	17°21	n.a.	F 23
S 24	23 52 14	26°12'40	28°30	20°15	10° 1	20° 8	5°33	8°47	27°51	0° 5	8°45	3°54	3°26	17°27	n.a.	S 24
S 25	23 56 11	27°12'40	12♋24	21°14	11° 4	20°50	5°39	8°47	27°48	0° 7	8°45	3°54	3°23	17°34	n.a.	S 25
M26	0 0 7	28°12'43	26°37	22° 9	12° 8	21°32	5°45	8°48	27°46	0° 9	8°44	3°53	3°20	17°41	n.a.	M26
T 27	0 4 4	29°12'49	11♌10	23° 1	13°11	22°13	5°51	8°49	27°43	0°11	8°43	3°49	3°16	17°47	n.a.	T 27
W28	0 8 0	0♎12'56	25°57	23°49	14°16	22°55	5°57	8°50	27°41	0°13	8°42	3°43	3°13	17°54	n.a.	W28
T 29	0 11 57	1°13'05	10♍54	24°33	15°20	23°37	6° 3	8°51	27°38	0°15	8°41	3°34	3°10	18° 1	n.a.	T 29
F 30	0 15 54	2♎13'17	25♍50	25♎12	16♌25	24♐19	6♋ 8	8♑52	27♓36	0♏17	8♉40	3♑23	3♑ 7	18♒ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n24	6n47	4s14	3n42	0s19	19n29	3s 5	24s 2	2s44	23n51	0n 8	23s56	0s30	1s11	0s44	9s39	1n53	3n38	11s39	23s35	23s39	13s23		n.a.
F 2	10 2	0 31	4 49	2 59	0 27	19 29	2 57	24 9	2 43	23 51	0 9	23 56	0 30	1 12	0 44	9 39	1 53	3 38	11 39	23 36	23 39	13 21		n.a.
S 3	9 40	5s40	5 4	2 17	0 34	19 28	2 50	24 15	2 42	23 51	0 9	23 56	0 30	1 13	0 44	9 40	1 53	3 37	11 39	23 36	23 39	13 18		n.a.
S 4	9 18	11 23	4 59	1 34	0 41	19 28	2 43	24 21	2 41	23 51	0 9	23 56	0 30	1 13	0 44	9 41	1 53	3 37	11 39	23 36	23 40	13 15		n.a.
M 5	8 56	16 19	4 35	0 52	0 48	19 26	2 36	24 27	2 41	23 51	0 9	23 56	0 30	1 14	0 44	9 41	1 53	3 37	11 39	23 37	23 40	13 13		n.a.
T 6	8 33	20 13	3 57	0 11	0 56	19 25	2 29	24 33	2 40	23 51	0 9	23 57	0 30	1 15	0 44	9 42	1 53	3 36	11 39	23 37	23 40	13 10		n.a.
W 7	8 11	22 57	3 7	0s31	1 3	19 22	2 23	24 38	2 39	23 51	0 9	23 57	0 30	1 16	0 44	9 42	1 53	3 36	11 40	23 37	23 40	13 8		n.a.
T 8	7 48	24 26	2 10	1 12	1 10	19 20	2 16	24 44	2 38	23 51	0 9	23 57	0 31	1 17	0 44	9 43	1 53	3 36	11 40	23 37	23 40	13 5		n.a.
F 9	7 25	24 40	1 8	1 52	1 17	19 16	2 9	24 49	2 37	23 51	0 10	23 57	0 31	1 18	0 44	9 44	1 53	3 35	11 40	23 37	23 40	13 2		n.a.
S 10	7 2	23 42	0 4	2 32	1 24	19 13	2 2	24 54	2 36	23 50	0 10	23 57	0 31	1 19	0 44	9 44	1 53	3 35	11 40	23 37	23 40	13 0		n.a.
S 11	6 39	21 41	1n 0	3 12	1 31	19 8	1 55	24 59	2 36	23 50	0 10	23 57	0 31	1 20	0 44	9 45	1 53	3 35	11 40	23 37	23 40	12 57		n.a.
M12	6 16	18 44	1 59	3 51	1 38	19 4	1 49	25 4	2 35	23 50	0 10	23 57	0 31	1 21	0 44	9 46	1 52	3 34	11 41	23 37	23 40	12 55		n.a.
T 13	5 53	15 3	2 54	4 29	1 45	18 58	1 42	25 8	2 34	23 50	0 10	23 57	0 31	1 22	0 44	9 46	1 52	3 34	11 41	23 37	23 40	12 52		n.a.
W14	5 30	10 46	3 41	5 7	1 52	18 52	1 36	25 13	2 33	23 50	0 10	23 57	0 31	1 23	0 44	9 47	1 52	3 34	11 41	23 38	23 41	12 49		n.a.
T 15	5 6	6 4	4 19	5 44	1 58	18 46	1 29	25 17	2 32	23 50	0 10	23 57	0 31	1 24	0 44	9 48	1 52	3 33	11 41	23 38	23 41	12 47		n.a.
F 16	4 43	1 7	4 45	6 20	2 5	18 39	1 23	25 21	2 31	23 50	0 11	23 57	0 31	1 25	0 44	9 48	1 52	3 33	11 41	23 39	23 41	12 44		n.a.
S 17	4 19	3n55	4 59	6 56	2 11	18 32	1 17	25 25	2 30	23 50	0 11	23 57	0 31	1 26	0 44	9 49	1 52	3 33	11 41	23 39	23 41	12 42		n.a.
S 18	3 55	8 51	4 59	7 30	2 17	18 24	1 10	25 28	2 29	23 50	0 11	23 57	0 31	1 27	0 44	9 50	1 52	3 32	11 41	23 40	23 41	12 39		n.a.
M19	3 31	13 30	4 45	8 4	2 23	18 15	1 4	25 32	2 29	23 49	0 11	23 57	0 31	1 28	0 44	9 50	1 52	3 32	11 42	23 40	23 41	12 36		n.a.
T 20	3 7	17 38	4 17	8 37	2 28	18 6	0 58	25 35	2 28	23 49	0 11	23 57	0 31	1 29	0 44	9 51	1 52	3 31	11 42	23 40	23 41	12 34		n.a.
W21	2 44	21 1	3 35	9 8	2 33	17 56	0 52	25 38	2 27	23 49	0 11	23 58	0 31	1 30	0 44	9 52	1 52	3 31	11 42	23 40	23 41	12 31		n.a.
T 22	2 20	23 23	2 42	9 38	2 38	17 46	0 46	25 40	2 26	23 49	0 11	23 58	0 31	1 31	0 44	9 52	1 52	3 31	11 42	23 41	23 41	12 28		n.a.
F 23	1 56	24 30	1 39	10 7	2 43	17 35	0 41	25 43	2 25	23 49	0 12	23 58	0 31	1 32	0 44	9 53	1 52	3 30	11 42	23 41	23 41	12 26		n.a.
S 24	1 31	24 12	0 29	10 35	2 47	17 24	0 35	25 45	2 24	23 49	0 12	23 58	0 31	1 33	0 44	9 54	1 52	3 30	11 42	23 41	23 41	12 23		n.a.
S 25	1 7	22 24	0s45	11 0	2 50	17 12	0 29	25 47	2 23	23 49	0 12	23 57	0 31	1 34	0 44	9 55	1 52	3 30	11 42	23 41	23 42	12 20		n.a.
M26	0 43	19 11	1 57	11 24	2 53	17 0	0 24	25 49	2 22	23 49	0 12	23 57	0 31	1 35	0 44	9 55	1 52	3 29	11 43	23 41	23 42	12 18		n.a.
T 27	0 19	14 42	3 3	11 46	2 56	16 47	0 18	25 51	2 21	23 48	0 12	23 57	0 31	1 36	0 44	9 56	1 52	3 29	11 43	23 41	23 42	12 15		n.a.
W28	0s 5	9 18	3 58	12 6	2 58	16 33	0 13	25 52	2 20	23 48	0 12	23 57	0 31	1 37	0 44	9 57	1 52	3 28	11 43	23 41	23 42	12 13		n.a.
T 29	0 29	3 18	4 37	12 24	2 59	16 19	0 7	25 54	2 19	23 48	0 12	23 57	0 31	1 38	0 44	9 58	1 52	3 28	11 43	23 41	23 42	12 10		n.a.
F 30	0s54	2s52	4s58	12s39	2s59	16n 5	0s 2	25s55	2s18	23n48	0n13	23s57	0s31	1s39	0s44	9s58	1n52	3n28	11s43	23s42	23s42	12s 7		n.a.

Julian Day Number = 1598942.5, Delta T = 04h00m24s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'07, Lahiri = - 8°35'06 Julian Calendar 1 Sept. 336 BCE == Greg. Calendar 27 Aug. 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

OCTOBER 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 19 50	3♎13'30	10♎38	25♎46	17♌30	25♐ 1	6♋13	8♑54	27°R33	0♏19	8°R39	3°R10	3♑ 4	18♒14	n.a.	S 1
S 2	0 23 47	4°13'46	25° 8	26°14	18°35	25°43	6°18	8°55	27♓31	0°21	8♉39	2♑59	3° 1	18°21	n.a.	S 2
M 3	0 27 43	5°14'03	9♏13	26°35	19°41	26°25	6°23	8°57	27°29	0°23	8°38	2°49	2°57	18°27	n.a.	M 3
T 4	0 31 40	6°14'22	22°51	26°50	20°47	27° 8	6°28	8°58	27°26	0°25	8°37	2°42	2°54	18°34	n.a.	T 4
W 5	0 35 36	7°14'43	6♐ 2	26°R56	21°53	27°50	6°33	9° 0	27°24	0°28	8°36	2°37	2°51	18°41	n.a.	W 5
T 6	0 39 33	8°15'05	18°46	26°54	22°59	28°32	6°37	9° 2	27°21	0°30	8°35	2°35	2°48	18°47	n.a.	T 6
F 7	0 43 29	9°15'29	1♑ 9	26°43	24° 6	29°15	6°42	9° 4	27°19	0°32	8°34	2°D34	2°45	18°54	n.a.	F 7
S 8	0 47 26	10°15'54	13°15	26°22	25°13	29°58	6°46	9° 6	27°17	0°34	8°33	2°R34	2°42	19° 1	n.a.	S 8
S 9	0 51 23	11°16'21	25°10	25°52	26°20	0♑40	6°50	9° 8	27°14	0°36	8°32	2°34	2°38	19° 7	n.a.	S 9
M10	0 55 19	12°16'49	7♒ 0	25°11	27°27	1°23	6°53	9°10	27°12	0°38	8°31	2°31	2°35	19°14	n.a.	M10
T 11	0 59 16	13°17'18	18°49	24°21	28°35	2° 6	6°57	9°12	27° 9	0°40	8°30	2°26	2°32	19°21	n.a.	T 11
W12	1 3 12	14°17'50	0♓42	23°22	29°43	2°49	7° 0	9°15	27° 7	0°43	8°29	2°19	2°29	19°28	n.a.	W12
T 13	1 7 9	15°18'22	12°42	22°14	0♍51	3°32	7° 3	9°17	27° 5	0°45	8°28	2° 8	2°26	19°34	n.a.	T 13
F 14	1 11 5	16°18'56	24°52	21° 0	1°59	4°15	7° 6	9°20	27° 3	0°47	8°27	1°56	2°22	19°41	n.a.	F 14
S 15	1 15 2	17°19'32	7♈13	19°41	3° 7	4°58	7° 9	9°23	27° 0	0°49	8°26	1°42	2°19	19°48	n.a.	S 15
S 16	1 18 58	18°20'09	19°47	18°20	4°16	5°41	7°12	9°25	26°58	0°51	8°25	1°29	2°16	19°54	n.a.	S 16
M17	1 22 55	19°20'48	2♉33	17° 0	5°25	6°24	7°14	9°28	26°56	0°54	8°24	1°17	2°13	20° 1	n.a.	M17
T 18	1 26 51	20°21'28	15°30	15°43	6°34	7° 7	7°17	9°31	26°54	0°56	8°22	1° 7	2°10	20° 8	n.a.	T 18
W19	1 30 48	21°22'10	28°37	14°31	7°43	7°50	7°19	9°34	26°51	0°58	8°21	1° 0	2° 7	20°14	n.a.	W19
T 20	1 34 45	22°22'54	11♊56	13°27	8°52	8°33	7°20	9°37	26°49	1° 0	8°20	0°56	2° 3	20°21	n.a.	T 20
F 21	1 38 41	23°23'40	25°24	12°33	10° 2	9°17	7°22	9°41	26°47	1° 3	8°19	0°D54	2° 0	20°28	n.a.	F 21
S 22	1 42 38	24°24'27	9♋ 4	11°50	11°11	10° 0	7°24	9°44	26°45	1° 5	8°18	0°54	1°57	20°34	n.a.	S 22
S 23	1 46 34	25°25'16	22°56	11°18	12°21	10°43	7°25	9°48	26°43	1° 7	8°17	0°R55	1°54	20°41	n.a.	S 23
M24	1 50 31	26°26'07	6♌59	10°58	13°31	11°27	7°26	9°51	26°41	1° 9	8°16	0°54	1°51	20°48	n.a.	M24
T 25	1 54 27	27°26'59	21°14	10°D50	14°41	12°10	7°27	9°55	26°39	1°12	8°15	0°52	1°47	20°54	n.a.	T 25
W26	1 58 24	28°27'53	5♍38	10°52	15°52	12°54	7°28	9°58	26°37	1°14	8°14	0°47	1°44	21° 1	n.a.	W26
T 27	2 2 20	29°28'48	20° 8	11° 5	17° 2	13°37	7°28	10° 2	26°35	1°16	8°12	0°40	1°41	21° 8	n.a.	T 27
F 28	2 6 17	0♏29'45	4♎39	11°28	18°13	14°21	7°29	10° 6	26°33	1°18	8°11	0°31	1°38	21°15	n.a.	F 28
S 29	2 10 14	1°30'43	19° 3	11°59	19°24	15° 4	7°R29	10°10	26°31	1°21	8°10	0°21	1°35	21°21	n.a.	S 29
S 30	2 14 10	2°31'42	3♏15	12°37	20°35	15°48	7°29	10°14	26°29	1°23	8° 9	0°11	1°32	21°28	n.a.	S 30
M31	2 18 7	3♏32'43	17♏ 9	13♎23	21♍46	16♑32	7♋28	10♑18	26♓27	1♏25	8♉ 8	0♑ 2	1♑28	21♒35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s18	8s49	4s58	12s51	2s59	15n50	0n 3	25s55	2s17	23n48	0n13	23s57	0s31	1s39	0s44	9s59	1n52	3n27	11s43	23s42	23s42	12s 5		n.a.
S 2	1 42	14 9	4 38	13 0	2 58	15 34	0 8	25 56	2 16	23 48	0 13	23 57	0 31	1 40	0 44	10 0	1 52	3 27	11 43	23 42	23 42	12 2		n.a.
M 3	2 6	18 34	4 2	13 6	2 55	15 18	0 13	25 56	2 15	23 48	0 13	23 57	0 31	1 41	0 44	10 1	1 52	3 26	11 43	23 42	23 42	11 59		n.a.
T 4	2 30	21 50	3 13	13 7	2 51	15 1	0 18	25 56	2 14	23 48	0 13	23 57	0 31	1 42	0 44	10 1	1 52	3 26	11 44	23 43	23 42	11 57		n.a.
W 5	2 55	23 48	2 16	13 5	2 46	14 44	0 22	25 56	2 13	23 48	0 13	23 57	0 31	1 43	0 44	10 2	1 52	3 26	11 44	23 43	23 42	11 54		n.a.
T 6	3 19	24 27	1 12	12 58	2 40	14 27	0 27	25 56	2 12	23 48	0 14	23 57	0 31	1 44	0 44	10 3	1 52	3 25	11 44	23 43	23 42	11 51		n.a.
F 7	3 43	23 51	0 8	12 47	2 32	14 9	0 32	25 55	2 11	23 48	0 14	23 57	0 31	1 45	0 44	10 4	1 52	3 25	11 44	23 43	23 42	11 49		n.a.
S 8	4 7	22 8	0n56	12 30	2 22	13 50	0 36	25 54	2 10	23 48	0 14	23 57	0 31	1 46	0 44	10 4	1 52	3 25	11 44	23 43	23 43	11 46		n.a.
S 9	4 31	19 27	1 57	12 9	2 11	13 32	0 40	25 53	2 9	23 48	0 14	23 56	0 32	1 47	0 44	10 5	1 52	3 24	11 44	23 43	23 43	11 43		n.a.
M10	4 55	15 59	2 51	11 41	1 58	13 12	0 44	25 52	2 8	23 48	0 14	23 56	0 32	1 48	0 44	10 6	1 51	3 24	11 44	23 43	23 43	11 41		n.a.
T 11	5 19	11 54	3 39	11 9	1 43	12 52	0 49	25 50	2 7	23 48	0 14	23 56	0 32	1 49	0 44	10 7	1 51	3 23	11 44	23 43	23 43	11 38		n.a.
W12	5 42	7 22	4 17	10 31	1 26	12 32	0 53	25 48	2 6	23 48	0 15	23 56	0 32	1 50	0 44	10 7	1 51	3 23	11 44	23 43	23 43	11 36		n.a.
T 13	6 6	2 31	4 44	9 49	1 8	12 11	0 57	25 46	2 5	23 48	0 15	23 56	0 32	1 51	0 44	10 8	1 51	3 23	11 44	23 43	23 43	11 33		n.a.
F 14	6 30	2n29	4 58	9 3	0 49	11 50	1 0	25 44	2 4	23 48	0 15	23 56	0 32	1 52	0 44	10 9	1 51	3 22	11 44	23 43	23 43	11 30		n.a.
S 15	6 53	7 28	4 59	8 14	0 29	11 29	1 4	25 41	2 3	23 48	0 15	23 56	0 32	1 53	0 44	10 10	1 51	3 22	11 44	23 44	23 43	11 28		n.a.
S 16	7 16	12 14	4 46	7 24	0 8	11 7	1 8	25 38	2 2	23 48	0 15	23 55	0 32	1 54	0 44	10 11	1 51	3 21	11 44	23 44	23 43	11 25		n.a.
M17	7 40	16 32	4 18	6 34	0n13	10 45	1 11	25 35	2 1	23 48	0 16	23 55	0 32	1 54	0 44	10 11	1 51	3 21	11 45	23 44	23 43	11 22		n.a.
T 18	8 3	20 7	3 36	5 45	0 33	10 22	1 14	25 32	1 59	23 48	0 16	23 55	0 32	1 55	0 44	10 12	1 51	3 21	11 45	23 44	23 43	11 20		n.a.
W19	8 26	22 44	2 42	5 0	0 52	9 59	1 18	25 28	1 58	23 48	0 16	23 55	0 32	1 56	0 44	10 13	1 51	3 20	11 45	23 44	23 43	11 17		n.a.
T 20	8 49	24 8	1 39	4 18	1 10	9 35	1 21	25 24	1 57	23 48	0 16	23 55	0 32	1 57	0 44	10 14	1 51	3 20	11 45	23 44	23 43	11 14		n.a.
F 21	9 12	24 9	0 29	3 42	1 26	9 12	1 24	25 20	1 56	23 48	0 16	23 54	0 32	1 58	0 44	10 15	1 51	3 20	11 45	23 44	23 43	11 12		n.a.
S 22	9 34	22 42	0s43	3 12	1 41	8 48	1 27	25 16	1 55	23 48	0 16	23 54	0 32	1 59	0 44	10 15	1 51	3 19	11 45	23 44	23 43	11 9		n.a.
S 23	9 57	19 53	1 54	2 48	1 53	8 23	1 30	25 12	1 54	23 48	0 17	23 54	0 32	1 59	0 44	10 16	1 51	3 19	11 45	23 44	23 43	11 6		n.a.
M24	10 19	15 52	3 0	2 30	2 4	7 58	1 32	25 7	1 53	23 48	0 17	23 54	0 32	2 0	0 44	10 17	1 51	3 19	11 45	23 44	23 43	11 4		n.a.
T 25	10 42	10 54	3 55	2 19	2 12	7 33	1 35	25 2	1 52	23 48	0 17	23 54	0 32	2 1	0 44	10 18	1 51	3 18	11 45	23 44	23 43	11 1		n.a.
W26	11 4	5 17	4 35	2 14	2 19	7 8	1 37	24 57	1 51	23 48	0 17	23 53	0 32	2 2	0 44	10 19	1 51	3 18	11 45	23 44	23 43	10 58		n.a.
T 27	11 26	0s37	4 59	2 14	2 24	6 42	1 40	24 51	1 50	23 49	0 17	23 53	0 32	2 3	0 44	10 19	1 51	3 17	11 45	23 44	23 44	10 56		n.a.
F 28	11 47	6 30	5 3	2 20	2 27	6 17	1 42	24 45	1 49	23 49	0 17	23 53	0 32	2 3	0 44	10 20	1 51	3 17	11 45	23 44	23 44	10 53		n.a.
S 29	12 9	11 59	4 48	2 30	2 29	5 50	1 44	24 39	1 48	23 49	0 18	23 52	0 32	2 4	0 44	10 21	1 51	3 17	11 45	23 44	23 44	10 50		n.a.
S 30	12 30	16 44	4 15	2 45	2 30	5 24	1 46	24 33	1 47	23 49	0 18	23 52	0 32	2 5	0 44	10 22	1 51	3 16	11 45	23 44	23 44	10 47		n.a.
M31	12s51	20s29	3s28	3s 3	2n30	4n58	1n48	24s27	1s45	23n49	0n18	23s52	0s32	2s 6	0s44	10s23	1n51	3n16	11s45	23s44	23s44	10s45		n.a.

Julian Day Number = 1598972.5, Delta T = 04h00m23s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°42'03, Lahiri = - 8°35'02 Julian Calendar 1 Oct. 336 BCE == Greg. Calendar 26 Sept. 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

NOVEMBER 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 22 3	4♏33'44	0♐40	14♎15	22♍57	17♑15	7°R28	10♑22	26°R26	1♏27	8°R 7	29°R56	1♑25	21♒41	n.a.	T 1
W 2	2 26 0	5°34'47	13°48	15°12	24° 8	17°59	7♋27	10°27	26♓24	1°30	8♉ 6	29♐52	1°22	21°48	n.a.	W 2
T 3	2 29 56	6°35'50	26°33	16°14	25°19	18°43	7°26	10°31	26°22	1°32	8° 4	29°D51	1°19	21°55	n.a.	T 3
F 4	2 33 53	7°36'55	8♑58	17°20	26°31	19°27	7°25	10°35	26°20	1°34	8° 3	29°51	1°16	22° 1	n.a.	F 4
S 5	2 37 49	8°38'00	21° 7	18°29	27°42	20°10	7°24	10°40	26°19	1°36	8° 2	29°52	1°13	22° 8	n.a.	S 5
S 6	2 41 46	9°39'05	3♒ 4	19°41	28°54	20°54	7°22	10°45	26°17	1°39	8° 1	29°54	1° 9	22°15	n.a.	S 6
M 7	2 45 43	10°40'12	14°56	20°56	0♎ 6	21°38	7°21	10°49	26°16	1°41	8° 0	29°R54	1° 6	22°21	n.a.	M 7
T 8	2 49 39	11°41'18	26°46	22°13	1°18	22°22	7°19	10°54	26°14	1°43	7°59	29°52	1° 3	22°28	n.a.	T 8
W 9	2 53 36	12°42'26	8♓40	23°33	2°30	23° 6	7°17	10°59	26°13	1°45	7°58	29°49	1° 0	22°35	n.a.	W 9
T 10	2 57 32	13°43'34	20°43	24°54	3°42	23°50	7°15	11° 4	26°11	1°48	7°56	29°43	0°57	22°42	n.a.	T 10
F 11	3 1 29	14°44'42	2♈59	26°16	4°54	24°33	7°12	11° 9	26°10	1°50	7°55	29°36	0°53	22°48	n.a.	F 11
S 12	3 5 25	15°45'51	15°29	27°40	6° 6	25°17	7° 9	11°14	26° 8	1°52	7°54	29°28	0°50	22°55	n.a.	S 12
S 13	3 9 22	16°47'00	28°15	29° 4	7°19	26° 1	7° 7	11°19	26° 7	1°54	7°53	29°20	0°47	23° 2	n.a.	S 13
M14	3 13 18	17°48'10	11♉19	0♏30	8°31	26°45	7° 4	11°24	26° 6	1°56	7°52	29°12	0°44	23° 8	n.a.	M14
T 15	3 17 15	18°49'21	24°38	1°56	9°44	27°29	7° 0	11°29	26° 5	1°59	7°51	29° 6	0°41	23°15	n.a.	T 15
W16	3 21 12	19°50'33	8♊10	3°24	10°56	28°13	6°57	11°35	26° 3	2° 1	7°50	29° 2	0°38	23°22	n.a.	W16
T 17	3 25 8	20°51'45	21°54	4°51	12° 9	28°57	6°53	11°40	26° 2	2° 3	7°48	29° 0	0°34	23°28	n.a.	T 17
F 18	3 29 5	21°52'57	5♋47	6°20	13°22	29°41	6°50	11°46	26° 1	2° 5	7°47	29°D 0	0°31	23°35	n.a.	F 18
S 19	3 33 1	22°54'10	19°46	7°49	14°35	0♒25	6°46	11°51	26° 0	2° 7	7°46	29° 2	0°28	23°42	n.a.	S 19
S 20	3 36 58	23°55'24	3♌50	9°18	15°47	1° 9	6°42	11°57	25°59	2° 9	7°45	29° 3	0°25	23°49	n.a.	S 20
M21	3 40 54	24°56'39	17°58	10°48	17° 0	1°52	6°37	12° 2	25°58	2°12	7°44	29° 4	0°22	23°55	n.a.	M21
T 22	3 44 51	25°57'54	2♍ 7	12°18	18°13	2°36	6°33	12° 8	25°57	2°14	7°43	29°R 4	0°19	24° 2	n.a.	T 22
W23	3 48 48	26°59'10	16°16	13°49	19°27	3°20	6°28	12°14	25°56	2°16	7°42	29° 3	0°15	24° 9	n.a.	W23
T 24	3 52 44	28° 0'26	0♎23	15°20	20°40	4° 4	6°23	12°20	25°56	2°18	7°41	29° 0	0°12	24°15	n.a.	T 24
F 25	3 56 41	29° 1'43	14°25	16°51	21°53	4°48	6°18	12°25	25°55	2°20	7°40	28°56	0° 9	24°22	n.a.	F 25
S 26	4 0 37	0♐ 3'00	28°20	18°22	23° 6	5°32	6°13	12°31	25°54	2°22	7°39	28°51	0° 6	24°29	n.a.	S 26
S 27	4 4 34	1° 4'17	12♏ 3	19°54	24°20	6°16	6° 8	12°37	25°53	2°24	7°38	28°46	0° 3	24°35	n.a.	S 27
M28	4 8 30	2° 5'35	25°33	21°26	25°33	7° 0	6° 2	12°43	25°53	2°26	7°37	28°43	29♐59	24°42	n.a.	M28
T 29	4 12 27	3° 6'53	8♐46	22°59	26°46	7°44	5°57	12°50	25°52	2°28	7°36	28°40	29°56	24°49	n.a.	T 29
W30	4 16 23	4♐ 8'10	21♐42	24♏32	28♎ 0	8♒28	5♋51	12♑56	25♓52	2♏30	7♉34	28♐38	29♐53	24♒55	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s12	22s59	2s30	3s25	2n28	4n31	1n50	24s20	1s44	23n50	0n18	23s52	0s32	2s 6	0s44	10s23	1n51	3n16	11s45	23s44	23s44	10s42		n.a.
W 2	13 33	24 9	1 25	3 49	2 26	4 4	1 52	24 13	1 43	23 50	0 18	23 51	0 32	2 7	0 44	10 24	1 51	3 15	11 45	23 44	23 44	10 39		n.a.
T 3	13 53	23 59	0 18	4 16	2 23	3 37	1 53	24 6	1 42	23 50	0 19	23 51	0 32	2 8	0 44	10 25	1 51	3 15	11 45	23 44	23 44	10 37		n.a.
F 4	14 13	22 37	0n49	4 45	2 19	3 9	1 55	23 58	1 41	23 50	0 19	23 51	0 32	2 8	0 44	10 26	1 51	3 15	11 45	23 44	23 44	10 34		n.a.
S 5	14 33	20 13	1 52	5 15	2 15	2 42	1 56	23 51	1 40	23 51	0 19	23 50	0 32	2 9	0 44	10 26	1 51	3 14	11 45	23 44	23 44	10 31		n.a.
S 6	14 53	16 58	2 49	5 47	2 10	2 14	1 57	23 43	1 39	23 51	0 19	23 50	0 32	2 9	0 43	10 27	1 51	3 14	11 45	23 44	23 44	10 29		n.a.
M 7	15 12	13 5	3 39	6 21	2 5	1 46	1 59	23 35	1 38	23 51	0 19	23 50	0 32	2 10	0 43	10 28	1 51	3 14	11 44	23 44	23 44	10 26		n.a.
T 8	15 32	8 42	4 19	6 55	1 59	1 18	2 0	23 27	1 37	23 51	0 20	23 49	0 32	2 11	0 43	10 29	1 51	3 13	11 44	23 44	23 44	10 23		n.a.
W 9	15 51	3 59	4 48	7 30	1 53	0 50	2 1	23 18	1 36	23 52	0 20	23 49	0 32	2 11	0 43	10 30	1 51	3 13	11 44	23 44	23 44	10 21		n.a.
T 10	16 9	0n56	5 4	8 6	1 47	0 22	2 1	23 9	1 35	23 52	0 20	23 48	0 32	2 12	0 43	10 30	1 51	3 13	11 44	23 44	23 44	10 18		n.a.
F 11	16 28	5 53	5 8	8 42	1 41	0s 6	2 2	23 1	1 34	23 52	0 20	23 48	0 33	2 12	0 43	10 31	1 51	3 13	11 44	23 44	23 44	10 15		n.a.
S 12	16 46	10 43	4 56	9 19	1 34	0 35	2 3	22 51	1 32	23 53	0 20	23 48	0 33	2 13	0 43	10 32	1 51	3 12	11 44	23 44	23 44	10 13		n.a.
S 13	17 3	15 11	4 30	9 55	1 27	1 3	2 3	22 42	1 31	23 53	0 21	23 47	0 33	2 13	0 43	10 33	1 51	3 12	11 44	23 44	23 44	10 10		n.a.
M14	17 21	19 2	3 50	10 32	1 20	1 31	2 4	22 32	1 30	23 53	0 21	23 47	0 33	2 14	0 43	10 33	1 51	3 12	11 44	23 44	23 44	10 7		n.a.
T 15	17 38	22 0	2 56	11 9	1 13	2 0	2 4	22 23	1 29	23 54	0 21	23 46	0 33	2 14	0 43	10 34	1 51	3 11	11 44	23 44	23 44	10 4		n.a.
W16	17 55	23 46	1 51	11 46	1 6	2 29	2 4	22 13	1 28	23 54	0 21	23 46	0 33	2 15	0 43	10 35	1 51	3 11	11 44	23 44	23 44	10 2		n.a.
T 17	18 12	24 8	0 39	12 23	0 59	2 57	2 5	22 3	1 27	23 54	0 21	23 46	0 33	2 15	0 43	10 36	1 51	3 11	11 44	23 44	23 44	9 59		n.a.
F 18	18 28	23 0	0s37	12 59	0 52	3 26	2 5	21 52	1 26	23 55	0 21	23 45	0 33	2 16	0 43	10 36	1 51	3 11	11 44	23 44	23 44	9 56		n.a.
S 19	18 44	20 26	1 51	13 35	0 45	3 54	2 5	21 42	1 25	23 55	0 22	23 45	0 33	2 16	0 43	10 37	1 51	3 10	11 44	23 44	23 44	9 54		n.a.
S 20	18 59	16 38	2 59	14 11	0 37	4 23	2 4	21 31	1 24	23 56	0 22	23 44	0 33	2 16	0 43	10 38	1 51	3 10	11 43	23 44	23 44	9 51		n.a.
M21	19 14	11 54	3 56	14 46	0 30	4 51	2 4	21 20	1 23	23 56	0 22	23 44	0 33	2 17	0 43	10 39	1 51	3 10	11 43	23 44	23 44	9 48		n.a.
T 22	19 29	6 31	4 39	15 21	0 23	5 20	2 4	21 9	1 22	23 56	0 22	23 43	0 33	2 17	0 43	10 39	1 51	3 10	11 43	23 44	23 44	9 46		n.a.
W23	19 44	0 49	5 5	15 56	0 16	5 48	2 3	20 57	1 21	23 57	0 22	23 43	0 33	2 17	0 43	10 40	1 52	3 9	11 43	23 44	23 44	9 43		n.a.
T 24	19 58	4s55	5 12	16 30	0 9	6 16	2 3	20 46	1 20	23 57	0 23	23 42	0 33	2 18	0 43	10 41	1 52	3 9	11 43	23 44	23 44	9 40		n.a.
F 25	20 11	10 22	5 1	17 3	0 2	6 44	2 2	20 34	1 18	23 58	0 23	23 42	0 33	2 18	0 43	10 41	1 52	3 9	11 43	23 44	23 44	9 37		n.a.
S 26	20 25	15 14	4 32	17 35	0s 5	7 12	2 2	20 22	1 17	23 58	0 23	23 41	0 33	2 18	0 43	10 42	1 52	3 9	11 43	23 44	23 44	9 35		n.a.
S 27	20 38	19 15	3 48	18 7	0 12	7 40	2 1	20 10	1 16	23 59	0 23	23 41	0 33	2 18	0 43	10 43	1 52	3 9	11 43	23 44	23 44	9 32		n.a.
M28	20 50	22 10	2 52	18 39	0 19	8 8	2 0	19 58	1 15	23 59	0 23	23 40	0 33	2 19	0 43	10 43	1 52	3 8	11 42	23 44	23 44	9 29		n.a.
T 29	21 2	23 48	1 47	19 9	0 25	8 36	1 59	19 45	1 14	24 0	0 24	23 40	0 33	2 19	0 43	10 44	1 52	3 8	11 42	23 44	23 44	9 27		n.a.
W30	21s14	24s 6	0s38	19s39	0s32	9s 3	1n58	19s33	1s13	24n 0	0n24	23s39	0s33	2s19	0s43	10s45	1n52	3n 8	11s42	23s44	23s44	9s24		n.a.

Julian Day Number = 1599003.5, Delta T = 04h00m22s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'58, Lahiri = - 8°34'58 Julian Calendar 1 Nov. 336 BCE == Greg. Calendar 27 Oct. 336 BCE

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ASTRODIENST EPHEMERIS for the year 336 BCE
geocentric

DECEMBER 336 BCE (-335) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 20 20	5♐ 9'28	4♉20	26♏ 5	29♎13	9♒12	5°R45	13♉ 2	25°R51	2♏32	7°R33	28°D38	29♐50	25♒ 2	n.a.	T 1
F 2	4 24 17	6°10'45	16°42	27°38	0♏27	9°55	5♋39	13° 8	25♓51	2°34	7♉32	28♐39	29°47	25° 9	n.a.	F 2
S 3	4 28 13	7°12'02	28°51	29°12	1°40	10°39	5°33	13°14	25°51	2°36	7°32	28°41	29°44	25°16	n.a.	S 3
S 4	4 32 10	8°13'19	10♒49	0♐46	2°54	11°23	5°26	13°21	25°50	2°38	7°31	28°43	29°40	25°22	n.a.	S 4
M 5	4 36 6	9°14'35	22°41	2°20	4° 8	12° 7	5°20	13°27	25°50	2°40	7°30	28°44	29°37	25°29	n.a.	M 5
T 6	4 40 3	10°15'51	4♓32	3°55	5°21	12°51	5°13	13°34	25°50	2°42	7°29	28°45	29°34	25°36	n.a.	T 6
W 7	4 43 59	11°17'06	16°26	5°30	6°35	13°35	5° 7	13°40	25°50	2°44	7°28	28°R45	29°31	25°42	n.a.	W 7
T 8	4 47 56	12°18'20	28°29	7° 6	7°49	14°19	5° 0	13°47	25°50	2°46	7°27	28°44	29°28	25°49	n.a.	T 8
F 9	4 51 52	13°19'34	10♈44	8°42	9° 3	15° 2	4°53	13°53	25°D50	2°47	7°26	28°43	29°25	25°56	n.a.	F 9
S 10	4 55 49	14°20'47	23°16	10°18	10°17	15°46	4°46	14° 0	25°50	2°49	7°25	28°41	29°21	26° 2	n.a.	S 10
S 11	4 59 46	15°22'00	6♉ 8	11°55	11°30	16°30	4°39	14° 6	25°50	2°51	7°24	28°39	29°18	26° 9	n.a.	S 11
M12	5 3 42	16°23'12	19°21	13°32	12°44	17°14	4°31	14°13	25°50	2°53	7°23	28°37	29°15	26°16	n.a.	M12
T 13	5 7 39	17°24'23	2♊55	15°10	13°58	17°57	4°24	14°20	25°50	2°55	7°22	28°36	29°12	26°23	n.a.	T 13
W14	5 11 35	18°25'34	16°50	16°48	15°12	18°41	4°17	14°27	25°50	2°56	7°22	28°35	29° 9	26°29	n.a.	W14
T 15	5 15 32	19°26'44	1♋ 0	18°27	16°26	19°25	4° 9	14°33	25°50	2°58	7°21	28°D35	29° 5	26°36	n.a.	T 15
F 16	5 19 28	20°27'54	15°22	20° 6	17°40	20° 8	4° 1	14°40	25°51	3° 0	7°20	28°35	29° 2	26°43	n.a.	F 16
S 17	5 23 25	21°29'03	29°51	21°46	18°54	20°52	3°54	14°47	25°51	3° 1	7°19	28°35	28°59	26°49	n.a.	S 17
S 18	5 27 22	22°30'11	14♌21	23°26	20° 8	21°36	3°46	14°54	25°52	3° 3	7°18	28°36	28°56	26°56	n.a.	S 18
M19	5 31 18	23°31'19	28°47	25° 7	21°22	22°19	3°38	15° 1	25°52	3° 5	7°18	28°37	28°53	27° 3	n.a.	M19
T 20	5 35 15	24°32'27	13♍ 6	26°48	22°36	23° 3	3°31	15° 8	25°53	3° 6	7°17	28°37	28°50	27°10	n.a.	T 20
W21	5 39 11	25°33'33	27°14	28°30	23°50	23°46	3°23	15°15	25°53	3° 8	7°16	28°R37	28°46	27°16	n.a.	W21
T 22	5 43 8	26°34'40	11♎10	0♉13	25° 4	24°30	3°15	15°22	25°54	3° 9	7°15	28°37	28°43	27°23	n.a.	T 22
F 23	5 47 4	27°35'45	24°53	1°56	26°19	25°13	3° 7	15°29	25°54	3°11	7°15	28°37	28°40	27°30	n.a.	F 23
S 24	5 51 1	28°36'50	8♏23	3°39	27°33	25°57	2°59	15°36	25°55	3°12	7°14	28°D37	28°37	27°36	n.a.	S 24
S 25	5 54 57	29°37'55	21°39	5°23	28°47	26°40	2°51	15°43	25°56	3°14	7°13	28°37	28°34	27°43	n.a.	S 25
M26	5 58 54	0♉38'58	4♐42	7° 8	0♐ 1	27°24	2°43	15°50	25°57	3°15	7°13	28°37	28°31	27°50	n.a.	M26
T 27	6 2 51	1°40'01	17°31	8°52	1°15	28° 7	2°35	15°57	25°58	3°17	7°12	28°37	28°27	27°56	n.a.	T 27
W28	6 6 47	2°41'03	0♉ 8	10°38	2°29	28°51	2°27	16° 4	25°59	3°18	7°11	28°R37	28°24	28° 3	n.a.	W28
T 29	6 10 44	3°42'03	12°33	12°23	3°44	29°34	2°19	16°11	26° 0	3°19	7°11	28°37	28°21	28°10	n.a.	T 29
F 30	6 14 40	4°43'03	24°47	14° 8	4°58	0♓17	2°11	16°18	26° 1	3°21	7°10	28°37	28°18	28°17	n.a.	F 30
S 31	6 18 37	5♉44'01	6♒51	15♉54	6♐12	1♓ 1	2♋ 3	16♉26	26♓ 2	3♏22	7♉10	28♐36	28♐15	28♒23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s25	23 s 9	0n31	20 s 8	0 s38	9 s31	1n57	19 s20	1 s12	24n 0	0n24	23 s38	0 s33	2 s19	0 s43	10 s45	1n52	3n 8	11 s42	23 s44	23 s44	9 s21			n.a.
F 2	21 36	21 3	1 38	20 36	0 44	9 58	1 56	19 7	1 11	24 1	0 24	23 38	0 33	2 19	0 43	10 46	1 52	3 8	11 42	23 44	23 44	9 19			n.a.
S 3	21 47	18 3	2 39	21 3	0 50	10 25	1 55	18 54	1 10	24 1	0 24	23 37	0 33	2 19	0 43	10 47	1 52	3 8	11 42	23 44	23 44	9 16			n.a.
S 4	21 57	14 20	3 32	21 29	0 56	10 52	1 53	18 41	1 9	24 2	0 24	23 37	0 33	2 19	0 42	10 47	1 52	3 7	11 42	23 44	23 44	9 13			n.a.
M 5	22 7	10 6	4 16	21 54	1 2	11 18	1 52	18 27	1 8	24 2	0 25	23 36	0 33	2 19	0 42	10 48	1 52	3 7	11 41	23 44	23 44	9 10			n.a.
T 6	22 16	5 30	4 48	22 18	1 7	11 44	1 50	18 14	1 7	24 3	0 25	23 35	0 34	2 19	0 42	10 49	1 52	3 7	11 41	23 44	23 44	9 8			n.a.
W 7	22 25	0 41	5 9	22 41	1 13	12 10	1 49	18 0	1 6	24 3	0 25	23 35	0 34	2 19	0 42	10 49	1 52	3 7	11 41	23 44	23 44	9 5			n.a.
T 8	22 33	4n13	5 16	23 3	1 18	12 36	1 47	17 46	1 5	24 4	0 25	23 34	0 34	2 19	0 42	10 50	1 52	3 7	11 41	23 44	23 44	9 2			n.a.
F 9	22 41	9 2	5 9	23 23	1 23	13 1	1 45	17 32	1 4	24 4	0 25	23 34	0 34	2 19	0 42	10 50	1 52	3 7	11 41	23 44	23 44	9 0			n.a.
S 10	22 48	13 35	4 48	23 43	1 28	13 27	1 44	17 18	1 3	24 4	0 26	23 33	0 34	2 19	0 42	10 51	1 52	3 7	11 40	23 44	23 44	8 57			n.a.
S 11	22 55	17 40	4 11	24 1	1 32	13 51	1 42	17 4	1 2	24 5	0 26	23 32	0 34	2 19	0 42	10 52	1 52	3 7	11 40	23 44	23 44	8 54			n.a.
M12	23 2	21 0	3 21	24 18	1 36	14 16	1 40	16 50	1 1	24 5	0 26	23 32	0 34	2 19	0 42	10 52	1 52	3 6	11 40	23 44	23 44	8 51			n.a.
T 13	23 8	23 15	2 17	24 34	1 40	14 40	1 38	16 35	1 0	24 6	0 26	23 31	0 34	2 19	0 42	10 53	1 52	3 6	11 40	23 44	23 44	8 49			n.a.
W14	23 13	24 9	1 5	24 48	1 44	15 4	1 36	16 20	0 59	24 6	0 26	23 30	0 34	2 19	0 42	10 53	1 52	3 6	11 40	23 44	23 44	8 46			n.a.
T 15	23 19	23 30	0 s13	25 1	1 47	15 27	1 34	16 6	0 58	24 7	0 26	23 30	0 34	2 19	0 42	10 54	1 52	3 6	11 39	23 44	23 44	8 43			n.a.
F 16	23 23	21 19	1 32	25 12	1 50	15 50	1 32	15 51	0 57	24 7	0 27	23 29	0 34	2 19	0 42	10 54	1 52	3 6	11 39	23 44	23 44	8 41			n.a.
S 17	23 27	17 45	2 45	25 22	1 53	16 13	1 30	15 36	0 56	24 7	0 27	23 28	0 34	2 19	0 42	10 55	1 52	3 6	11 39	23 44	23 44	8 38			n.a.
S 18	23 31	13 6	3 48	25 30	1 56	16 35	1 28	15 20	0 55	24 8	0 27	23 27	0 34	2 18	0 42	10 55	1 52	3 6	11 39	23 44	23 44	8 35			n.a.
M19	23 35	7 44	4 36	25 36	1 58	16 57	1 25	15 5	0 54	24 8	0 27	23 27	0 34	2 18	0 42	10 56	1 52	3 6	11 39	23 44	23 44	8 32			n.a.
T 20	23 37	2 1	5 6	25 41	2 0	17 19	1 23	14 50	0 53	24 9	0 27	23 26	0 34	2 18	0 42	10 56	1 52	3 6	11 38	23 44	23 44	8 30			n.a.
W21	23 40	3 s44	5 17	25 45	2 1	17 40	1 21	14 34	0 52	24 9	0 27	23 25	0 34	2 18	0 42	10 57	1 52	3 6	11 38	23 44	23 44	8 27			n.a.
T 22	23 41	9 12	5 10	25 46	2 2	18 0	1 18	14 19	0 51	24 9	0 28	23 24	0 34	2 17	0 42	10 57	1 53	3 6	11 38	23 44	23 44	8 24			n.a.
F 23	23 43	14 9	4 45	25 46	2 2	18 20	1 16	14 3	0 50	24 10	0 28	23 24	0 34	2 17	0 42	10 58	1 53	3 6	11 38	23 44	23 44	8 21			n.a.
S 24	23 44	18 19	4 4	25 44	2 3	18 40	1 13	13 47	0 49	24 10	0 28	23 23	0 34	2 17	0 42	10 58	1 53	3 6	11 37	23 44	23 44	8 19			n.a.
S 25	23 44	21 28	3 11	25 40	2 2	18 59	1 11	13 31	0 48	24 10	0 28	23 22	0 35	2 16	0 42	10 59	1 53	3 6	11 37	23 44	23 44	8 16			n.a.
M26	23 44	23 27	2 9	25 34	2 1	19 17	1 8	13 15	0 47	24 11	0 28	23 21	0 35	2 16	0 42	10 59	1 53	3 6	11 37	23 44	23 44	8 13			n.a.
T 27	23 43	24 9	1 1	25 26	2 0	19 35	1 6	12 59	0 46	24 11	0 28	23 21	0 35	2 15	0 42	11 0	1 53	3 6	11 37	23 44	23 44	8 11			n.a.
W28	23 42	23 36	0n 8	25 16	1 58	19 53	1 3	12 43	0 45	24 11	0 28	23 20	0 35	2 15	0 42	11 0	1 53	3 6	11 37	23 44	23 44	8 8			n.a.
T 29	23 41	21 52	1 17	25 4	1 55	20 10	1 1	12 27	0 44	24 11	0 29	23 19	0 35	2 15	0 41	11 0	1 53	3 6	11 36	23 44	23 44	8 5			n.a.
F 30	23 39	19 8	2 20	24 50	1 52	20 26	0 58	12 10	0 43	24 12	0 29	23 18	0 35	2 14	0 41	11 1	1 53	3 6	11 36	23 44	23 43	8 2			n.a.
S 31	23 s37	15 s37	3n17	24 s34	1 s49	20 s42	0n55	11 s54	0 s42	24n12	0n29	23 s17	0 s35	2 s14	0 s41	11 s 1	1n53	3n 6	11 s36	23 s44	23 s43	8 s 0			n.a.

Julian Day Number = 1599033.5, Delta T = 04h00m21s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'54, Lahiri = - 8°34'54 Julian Calendar 1 Dec. 336 BCE == Greg. Calendar 26 Nov. 336 BCE

The year -335 astronomical counting style corresponds to year 336 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

JANUARY 335 BCE (-334) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 33	6♑44'57	18♒48	17♑39	7♐26	1♓44	1°R55	16♑33	26♓ 3	3♏23	7°R 9	28°R35	28♐11	28♒30	n.a.	S 1
M 2	6 26 30	7°45'52	0♓40	19°24	8°41	2°27	1♋47	16°40	26° 4	3°24	7♉ 9	28♐33	28° 8	28°37	n.a.	M 2
T 3	6 30 27	8°46'46	12°30	21° 8	9°55	3°11	1°39	16°47	26° 5	3°26	7° 8	28°32	28° 5	28°43	n.a.	T 3
W 4	6 34 23	9°47'38	24°23	22°52	11° 9	3°54	1°31	16°54	26° 7	3°27	7° 8	28°31	28° 2	28°50	n.a.	W 4
T 5	6 38 20	10°48'29	6♈24	24°35	12°23	4°37	1°23	17° 2	26° 8	3°28	7° 7	28°D30	27°59	28°57	n.a.	T 5
F 6	6 42 16	11°49'18	18°35	26°16	13°37	5°20	1°15	17° 9	26° 9	3°29	7° 7	28°31	27°56	29° 4	n.a.	F 6
S 7	6 46 13	12°50'05	1♉ 3	27°55	14°52	6° 3	1° 8	17°16	26°11	3°30	7° 7	28°31	27°52	29°10	n.a.	S 7
S 8	6 50 9	13°50'50	13°52	29°33	16° 6	6°46	1° 0	17°23	26°12	3°31	7° 6	28°32	27°49	29°17	n.a.	S 8
M 9	6 54 6	14°51'34	27° 4	1♒ 7	17°20	7°29	0°52	17°31	26°14	3°32	7° 6	28°34	27°46	29°24	n.a.	M 9
T 10	6 58 2	15°52'16	10♊42	2°38	18°34	8°12	0°45	17°38	26°16	3°33	7° 6	28°35	27°43	29°30	n.a.	T 10
W11	7 1 59	16°52'57	24°45	4° 6	19°49	8°55	0°37	17°45	26°17	3°34	7° 5	28°R36	27°40	29°37	n.a.	W11
T 12	7 5 56	17°53'36	9♋12	5°29	21° 3	9°38	0°30	17°52	26°19	3°35	7° 5	28°35	27°37	29°44	n.a.	T 12
F 13	7 9 52	18°54'13	23°57	6°46	22°17	10°21	0°23	18° 0	26°21	3°36	7° 5	28°34	27°33	29°50	n.a.	F 13
S 14	7 13 49	19°54'48	8♌53	7°58	23°31	11° 4	0°15	18° 7	26°22	3°37	7° 4	28°32	27°30	29°57	n.a.	S 14
S 15	7 17 45	20°55'22	23°52	9° 3	24°46	11°47	0° 8	18°14	26°24	3°38	7° 4	28°29	27°27	0♓ 4	n.a.	S 15
M16	7 21 42	21°55'55	8♍45	10° 1	26° 0	12°30	0° 1	18°21	26°26	3°38	7° 4	28°26	27°24	0°11	n.a.	M16
T 17	7 25 38	22°56'26	23°24	10°51	27°14	13°13	29♊54	18°29	26°28	3°39	7° 4	28°23	27°21	0°17	n.a.	T 17
W18	7 29 35	23°56'55	7♎44	11°33	28°28	13°55	29°48	18°36	26°30	3°40	7° 4	28°21	27°17	0°24	n.a.	W18
T 19	7 33 31	24°57'24	21°44	12° 5	29°43	14°38	29°41	18°43	26°32	3°41	7° 3	28°D20	27°14	0°31	n.a.	T 19
F 20	7 37 28	25°57'50	5♏22	12°27	0♑57	15°21	29°34	18°50	26°34	3°41	7° 3	28°20	27°11	0°37	n.a.	F 20
S 21	7 41 25	26°58'16	18°39	12°40	2°11	16° 3	29°28	18°58	26°36	3°42	7° 3	28°21	27° 8	0°44	n.a.	S 21
S 22	7 45 21	27°58'39	1♐37	12°R43	3°26	16°46	29°22	19° 5	26°38	3°43	7° 3	28°23	27° 5	0°51	n.a.	S 22
M23	7 49 18	28°59'02	14°20	12°35	4°40	17°28	29°16	19°12	26°40	3°43	7° 3	28°24	27° 2	0°58	n.a.	M23
T 24	7 53 14	29°59'22	26°50	12°18	5°54	18°11	29°10	19°19	26°42	3°44	7° 3	28°R25	26°58	1° 4	n.a.	T 24
W25	7 57 11	0♒59'41	9♑ 9	11°52	7° 8	18°54	29° 4	19°26	26°45	3°44	7°D 3	28°25	26°55	1°11	n.a.	W25
T 26	8 1 7	1°59'58	21°19	11°17	8°23	19°36	28°58	19°34	26°47	3°45	7° 3	28°22	26°52	1°18	n.a.	T 26
F 27	8 5 4	3° 0'14	3♒22	10°34	9°37	20°18	28°52	19°41	26°49	3°45	7° 3	28°18	26°49	1°24	n.a.	F 27
S 28	8 9 0	4° 0'27	15°20	9°44	10°51	21° 1	28°47	19°48	26°51	3°45	7° 3	28°13	26°46	1°31	n.a.	S 28
S 29	8 12 57	5° 0'38	27°13	8°49	12° 5	21°43	28°42	19°55	26°54	3°46	7° 3	28° 6	26°42	1°38	n.a.	S 29
M30	8 16 54	6° 0'47	9♓ 4	7°50	13°20	22°26	28°37	20° 2	26°56	3°46	7° 3	27°58	26°39	1°45	n.a.	M30
T 31	8 20 50	7♒ 0'54	20♓56	6♒49	14♑34	23♓ 8	28♊32	20♑ 9	26♓59	3♏46	7♉ 3	27♐51	26♐36	1♓51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s34	11s31	4n 4	24s16	1s44	20s57	0n53	11s38	0s41	24n12	0n29	23s16	0s35	2s13	0s41	11s 2	1n53	3n 6	11s36	23s44	23s43	7s57			n.a.
M 2	23 30	7 1	4 40	23 57	1 39	21 12	0 50	11 21	0 40	24 13	0 29	23 16	0 35	2 13	0 41	11 2	1 53	3 7	11 35	23 44	23 43	7 54			n.a.
T 3	23 26	2 16	5 4	23 35	1 33	21 26	0 47	11 4	0 39	24 13	0 29	23 15	0 35	2 12	0 41	11 2	1 53	3 7	11 35	23 44	23 43	7 51			n.a.
W 4	23 22	2n34	5 16	23 11	1 27	21 39	0 44	10 48	0 38	24 13	0 29	23 14	0 35	2 12	0 41	11 3	1 53	3 7	11 35	23 44	23 43	7 49			n.a.
T 5	23 17	7 21	5 14	22 46	1 19	21 52	0 42	10 31	0 37	24 13	0 29	23 13	0 35	2 11	0 41	11 3	1 53	3 7	11 34	23 44	23 43	7 46			n.a.
F 6	23 12	11 57	4 57	22 19	1 11	22 4	0 39	10 14	0 36	24 13	0 30	23 12	0 35	2 10	0 41	11 3	1 53	3 7	11 34	23 44	23 43	7 43			n.a.
S 7	23 6	16 9	4 27	21 51	1 2	22 16	0 36	9 57	0 35	24 14	0 30	23 11	0 35	2 10	0 41	11 4	1 53	3 7	11 34	23 44	23 43	7 41			n.a.
S 8	23 0	19 44	3 43	21 21	0 52	22 27	0 33	9 40	0 35	24 14	0 30	23 10	0 35	2 9	0 41	11 4	1 53	3 7	11 34	23 44	23 43	7 38			n.a.
M 9	22 54	22 26	2 46	20 50	0 42	22 37	0 31	9 23	0 34	24 14	0 30	23 10	0 35	2 9	0 41	11 4	1 53	3 7	11 33	23 44	23 43	7 35			n.a.
T 10	22 47	23 56	1 37	20 18	0 30	22 47	0 28	9 6	0 33	24 14	0 30	23 9	0 36	2 8	0 41	11 5	1 54	3 7	11 33	23 44	23 43	7 32			n.a.
W11	22 39	23 59	0 21	19 46	0 18	22 55	0 25	8 49	0 32	24 14	0 30	23 8	0 36	2 7	0 41	11 5	1 54	3 8	11 33	23 44	23 43	7 30			n.a.
T 12	22 31	22 27	0s58	19 13	0 5	23 4	0 22	8 32	0 31	24 14	0 30	23 7	0 36	2 6	0 41	11 5	1 54	3 8	11 33	23 44	23 43	7 27			n.a.
F 13	22 23	19 22	2 15	18 40	0n 9	23 11	0 19	8 14	0 30	24 15	0 30	23 6	0 36	2 6	0 41	11 5	1 54	3 8	11 32	23 44	23 43	7 24			n.a.
S 14	22 14	14 59	3 24	18 7	0 23	23 18	0 17	7 57	0 29	24 15	0 31	23 5	0 36	2 5	0 41	11 6	1 54	3 8	11 32	23 44	23 43	7 21			n.a.
S 15	22 5	9 39	4 19	17 36	0 39	23 24	0 14	7 40	0 28	24 15	0 31	23 4	0 36	2 4	0 41	11 6	1 54	3 8	11 32	23 44	23 43	7 19			n.a.
M16	21 55	3 49	4 56	17 5	0 54	23 29	0 11	7 22	0 27	24 15	0 31	23 3	0 36	2 3	0 41	11 6	1 54	3 9	11 32	23 44	23 43	7 16			n.a.
T 17	21 45	2s 8	5 13	16 36	1 10	23 34	0 8	7 5	0 26	24 15	0 31	23 2	0 36	2 3	0 41	11 6	1 54	3 9	11 31	23 44	23 43	7 13			n.a.
W18	21 35	7 51	5 10	16 9	1 27	23 38	0 6	6 48	0 26	24 15	0 31	23 1	0 36	2 2	0 41	11 6	1 54	3 9	11 31	23 44	23 42	7 11			n.a.
T 19	21 24	13 1	4 49	15 44	1 43	23 41	0 3	6 30	0 25	24 15	0 31	23 0	0 36	2 1	0 41	11 7	1 54	3 9	11 31	23 43	23 42	7 8			n.a.
F 20	21 13	17 24	4 11	15 22	1 59	23 44	0 0	6 13	0 24	24 15	0 31	23 0	0 36	2 0	0 41	11 7	1 54	3 9	11 30	23 43	23 42	7 5			n.a.
S 21	21 1	20 48	3 21	15 3	2 15	23 46	0s 3	5 55	0 23	24 15	0 31	22 59	0 36	1 59	0 41	11 7	1 54	3 10	11 30	23 44	23 42	7 2			n.a.
S 22	20 49	23 3	2 22	14 47	2 31	23 47	0 5	5 38	0 22	24 15	0 31	22 58	0 36	1 58	0 41	11 7	1 54	3 10	11 30	23 44	23 42	7 0			n.a.
M23	20 37	24 4	1 16	14 35	2 46	23 47	0 8	5 20	0 21	24 15	0 31	22 57	0 37	1 58	0 41	11 7	1 54	3 10	11 30	23 44	23 42	6 57			n.a.
T 24	20 24	23 51	0 9	14 27	3 0	23 47	0 11	5 2	0 20	24 15	0 31	22 56	0 37	1 57	0 41	11 7	1 54	3 10	11 29	23 44	23 42	6 54			n.a.
W25	20 11	22 27	0n58	14 22	3 13	23 46	0 13	4 45	0 20	24 15	0 32	22 55	0 37	1 56	0 40	11 7	1 54	3 11	11 29	23 44	23 42	6 51			n.a.
T 26	19 58	20 1	2 2	14 21	3 24	23 44	0 16	4 27	0 19	24 15	0 32	22 54	0 37	1 55	0 40	11 8	1 55	3 11	11 29	23 44	23 42	6 49			n.a.
F 27	19 44	16 44	2 59	14 23	3 33	23 41	0 19	4 10	0 18	24 16	0 32	22 53	0 37	1 54	0 40	11 8	1 55	3 11	11 28	23 43	23 42	6 46			n.a.
S 28	19 30	12 49	3 48	14 29	3 41	23 38	0 21	3 52	0 17	24 16	0 32	22 52	0 37	1 53	0 40	11 8	1 55	3 12	11 28	23 43	23 42	6 43			n.a.
S 29	19 15	8 25	4 26	14 38	3 47	23 34	0 24	3 34	0 16	24 16	0 32	22 51	0 37	1 52	0 40	11 8	1 55	3 12	11 28	23 43	23 42	6 40			n.a.
M30	19 0	3 45	4 53	14 50	3 50	23 30	0 26	3 17	0 15	24 16	0 32	22 50	0 37	1 51	0 40	11 8	1 55	3 12	11 28	23 43	23 42	6 38			n.a.
T 31	18s45	1n 4	5n 7	15s 4	3n51	23s24	0s29	2s59	0s15	24n16	0n32	22s49	0s37	1s50	0s40	11s 8	1n55	3n12	11s27	23s43	23s41	6s35			n.a.

Julian Day Number = 1599064.5, Delta T = 04h00m20s
Ecliptic obliquity = 23°44'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'50, Lahiri = - 8°34'50 Julian Calendar 1 Jan. 335 BCE == Greg. Calendar 27 Dec. 336 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

FEBRUARY 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 24 47	8♒ 0'59	2♈49	5°R47	15♉48	23♓50	28°R27	20♉16	27♓ 1	3♏47	7♉ 4	27°R45	26♐33	1♓58	n.a.	W 1
T 2	8 28 43	9° 1'02	14°49	4♒45	17° 2	24°32	28♊22	20°23	27° 4	3°47	7° 4	27♐40	26°30	2° 5	n.a.	T 2
F 3	8 32 40	10° 1'02	26°58	3°45	18°17	25°15	28°18	20°30	27° 6	3°47	7° 4	27°37	26°27	2°11	n.a.	F 3
S 4	8 36 36	11° 1'00	9♉21	2°48	19°31	25°57	28°13	20°37	27° 9	3°47	7° 4	27°D36	26°23	2°18	n.a.	S 4
S 5	8 40 33	12° 0'56	22° 3	1°55	20°45	26°39	28° 9	20°44	27°11	3°47	7° 4	27°37	26°20	2°25	n.a.	S 5
M 6	8 44 29	13° 0'50	5♊ 8	1° 7	21°59	27°21	28° 5	20°51	27°14	3°47	7° 5	27°38	26°17	2°32	n.a.	M 6
T 7	8 48 26	14° 0'41	18°39	0°25	23°13	28° 3	28° 2	20°58	27°17	3°48	7° 5	27°39	26°14	2°38	n.a.	T 7
W 8	8 52 23	15° 0'30	2♋38	29♉49	24°27	28°45	27°58	21° 5	27°19	3°R48	7° 5	27°R39	26°11	2°45	n.a.	W 8
T 9	8 56 19	16° 0'17	17° 6	29°19	25°42	29°27	27°55	21°12	27°22	3°48	7° 6	27°38	26° 8	2°52	n.a.	T 9
F 10	9 0 16	17° 0'01	1♌58	28°56	26°56	0♈ 9	27°52	21°18	27°25	3°48	7° 6	27°34	26° 4	2°58	n.a.	F 10
S 11	9 4 12	17°59'43	17° 7	28°39	28°10	0°51	27°48	21°25	27°28	3°47	7° 6	27°28	26° 1	3° 5	n.a.	S 11
S 12	9 8 9	18°59'23	2♍25	28°28	29°24	1°33	27°46	21°32	27°31	3°47	7° 7	27°21	25°58	3°12	n.a.	S 12
M13	9 12 5	19°59'01	17°39	28°D24	0♒38	2°15	27°43	21°39	27°34	3°47	7° 7	27°13	25°55	3°19	n.a.	M13
T 14	9 16 2	20°58'37	2♎39	28°26	1°52	2°56	27°41	21°45	27°36	3°47	7° 7	27° 5	25°52	3°25	n.a.	T 14
W15	9 19 58	21°58'11	17°17	28°34	3° 7	3°38	27°38	21°52	27°39	3°47	7° 8	26°59	25°48	3°32	n.a.	W15
T 16	9 23 55	22°57'43	1♏29	28°47	4°21	4°20	27°36	21°59	27°42	3°47	7° 8	26°54	25°45	3°39	n.a.	T 16
F 17	9 27 51	23°57'13	15°13	29° 6	5°35	5° 1	27°34	22° 5	27°45	3°46	7° 9	26°52	25°42	3°45	n.a.	F 17
S 18	9 31 48	24°56'42	28°30	29°29	6°49	5°43	27°33	22°12	27°48	3°46	7° 9	26°D52	25°39	3°52	n.a.	S 18
S 19	9 35 45	25°56'08	11♐23	29°57	8° 3	6°25	27°31	22°18	27°51	3°46	7°10	26°53	25°36	3°59	n.a.	S 19
M20	9 39 41	26°55'33	23°57	0♒30	9°17	7° 6	27°30	22°25	27°54	3°45	7°10	26°R53	25°33	4° 5	n.a.	M20
T 21	9 43 38	27°54'56	6♉16	1° 7	10°31	7°48	27°29	22°31	27°57	3°45	7°11	26°53	25°29	4°12	n.a.	T 21
W22	9 47 34	28°54'17	18°23	1°48	11°45	8°29	27°28	22°37	28° 0	3°45	7°12	26°50	25°26	4°19	n.a.	W22
T 23	9 51 31	29°53'36	0♒23	2°33	13° 0	9°11	27°27	22°44	28° 4	3°44	7°12	26°45	25°23	4°26	n.a.	T 23
F 24	9 55 27	0♓52'53	12°18	3°21	14°14	9°52	27°26	22°50	28° 7	3°44	7°13	26°38	25°20	4°32	n.a.	F 24
S 25	9 59 24	1°52'07	24°10	4°12	15°28	10°33	27°26	22°56	28°10	3°43	7°13	26°28	25°17	4°39	n.a.	S 25
S 26	10 3 20	2°51'20	6♓ 1	5° 7	16°42	11°15	27°D26	23° 2	28°13	3°42	7°14	26°15	25°14	4°46	n.a.	S 26
M27	10 7 17	3°50'30	17°53	6° 5	17°56	11°56	27°26	23° 8	28°16	3°42	7°15	26° 2	25°10	4°52	n.a.	M27
T 28	10 11 14	4♓49'39	29♓47	7♒ 5	19♒10	12♈37	27♊26	23♉14	28♓19	3♏41	7♉16	25♐49	25♐ 7	4♓59	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	18s29	5n50	5n 8	15s20	3n51	23s18	0s31	2s41	0s14	24n16	0n32	22s48	0s37	1s49	0s40	11s 8	1n55	3n13	11s27	23s43	23s41	6s32			n.a.
T 2	18 13	10 27	4 56	15 38	3 48	23 11	0 33	2 24	0 13	24 16	0 32	22 47	0 37	1 48	0 40	11 8	1 55	3 13	11 27	23 43	23 41	6 29			n.a.
F 3	17 57	14 42	4 30	15 57	3 43	23 4	0 36	2 6	0 12	24 16	0 32	22 46	0 38	1 47	0 40	11 8	1 55	3 13	11 26	23 43	23 41	6 27			n.a.
S 4	17 41	18 26	3 51	16 16	3 36	22 55	0 38	1 48	0 11	24 16	0 32	22 45	0 38	1 46	0 40	11 8	1 55	3 14	11 26	23 43	23 41	6 24			n.a.
S 5	17 24	21 25	3 0	16 36	3 28	22 47	0 40	1 31	0 11	24 16	0 32	22 44	0 38	1 45	0 40	11 8	1 55	3 14	11 26	23 43	23 41	6 21			n.a.
M 6	17 7	23 22	1 59	16 56	3 18	22 37	0 43	1 13	0 10	24 16	0 32	22 43	0 38	1 44	0 40	11 8	1 55	3 14	11 26	23 43	23 41	6 19			n.a.
T 7	16 50	24 3	0 49	17 16	3 7	22 27	0 45	0 55	0 9	24 16	0 32	22 42	0 38	1 42	0 40	11 8	1 55	3 15	11 25	23 43	23 41	6 16			n.a.
W 8	16 32	23 16	0s27	17 35	2 55	22 16	0 47	0 38	0 8	24 16	0 32	22 41	0 38	1 41	0 40	11 8	1 55	3 15	11 25	23 43	23 41	6 13			n.a.
T 9	16 14	20 56	1 43	17 53	2 43	22 4	0 49	0 20	0 8	24 16	0 32	22 40	0 38	1 40	0 40	11 8	1 55	3 15	11 25	23 43	23 41	6 10			n.a.
F 10	15 56	17 9	2 54	18 11	2 30	21 52	0 51	0 3	0 7	24 16	0 32	22 39	0 38	1 39	0 40	11 8	1 55	3 16	11 24	23 43	23 41	6 8			n.a.
S 11	15 38	12 11	3 54	18 28	2 16	21 39	0 53	0n15	0 6	24 16	0 33	22 38	0 38	1 38	0 40	11 8	1 55	3 16	11 24	23 43	23 40	6 5			n.a.
S 12	15 19	6 25	4 38	18 44	2 2	21 26	0 55	0 32	0 5	24 16	0 33	22 37	0 38	1 37	0 40	11 8	1 56	3 17	11 24	23 43	23 40	6 2			n.a.
M13	15 0	0 19	5 2	18 58	1 48	21 11	0 57	0 50	0 5	24 16	0 33	22 36	0 39	1 36	0 40	11 7	1 56	3 17	11 24	23 42	23 40	5 59			n.a.
T 14	14 41	5s43	5 5	19 11	1 34	20 57	0 59	1 7	0 4	24 16	0 33	22 35	0 39	1 34	0 40	11 7	1 56	3 17	11 23	23 42	23 40	5 57			n.a.
W15	14 21	11 17	4 47	19 23	1 21	20 41	1 1	1 25	0 3	24 16	0 33	22 34	0 39	1 33	0 40	11 7	1 56	3 18	11 23	23 42	23 40	5 54			n.a.
T 16	14 2	16 4	4 13	19 34	1 7	20 25	1 2	1 42	0 2	24 16	0 33	22 33	0 39	1 32	0 40	11 7	1 56	3 18	11 23	23 42	23 40	5 51			n.a.
F 17	13 42	19 51	3 24	19 43	0 53	20 9	1 4	2 0	0 2	24 16	0 33	22 32	0 39	1 31	0 40	11 7	1 56	3 19	11 23	23 42	23 40	5 48			n.a.
S 18	13 22	22 27	2 26	19 51	0 40	19 51	1 6	2 17	0 1	24 16	0 33	22 31	0 39	1 30	0 40	11 7	1 56	3 19	11 22	23 42	23 40	5 46			n.a.
S 19	13 2	23 47	1 22	19 58	0 27	19 34	1 7	2 34	0 0	24 16	0 33	22 30	0 39	1 28	0 40	11 7	1 56	3 19	11 22	23 42	23 40	5 43			n.a.
M20	12 41	23 51	0 16	20 3	0 15	19 15	1 9	2 52	0n 1	24 16	0 33	22 29	0 39	1 27	0 40	11 6	1 56	3 20	11 22	23 42	23 40	5 40			n.a.
T 21	12 21	22 45	0n50	20 7	0 3	18 57	1 10	3 9	0 1	24 16	0 33	22 29	0 39	1 26	0 40	11 6	1 56	3 20	11 21	23 42	23 39	5 37			n.a.
W22	12 0	20 36	1 52	20 9	0s 9	18 37	1 12	3 26	0 2	24 16	0 33	22 28	0 39	1 25	0 40	11 6	1 56	3 21	11 21	23 42	23 39	5 35			n.a.
T 23	11 39	17 35	2 49	20 10	0 20	18 17	1 13	3 43	0 3	24 16	0 33	22 27	0 40	1 23	0 40	11 6	1 56	3 21	11 21	23 42	23 39	5 32			n.a.
F 24	11 18	13 51	3 37	20 9	0 31	17 57	1 14	4 0	0 3	24 16	0 33	22 26	0 40	1 22	0 40	11 6	1 56	3 22	11 21	23 42	23 39	5 29			n.a.
S 25	10 56	9 37	4 16	20 7	0 41	17 36	1 16	4 18	0 4	24 16	0 33	22 25	0 40	1 21	0 40	11 5	1 56	3 22	11 20	23 41	23 39	5 27			n.a.
S 26	10 35	5 2	4 43	20 3	0 51	17 15	1 17	4 35	0 5	24 16	0 33	22 24	0 40	1 19	0 40	11 5	1 56	3 22	11 20	23 41	23 39	5 24			n.a.
M27	10 13	0 16	4 59	19 58	1 0	16 53	1 18	4 52	0 6	24 16	0 33	22 23	0 40	1 18	0 40	11 5	1 56	3 23	11 20	23 41	23 39	5 21			n.a.
T 28	9s51	4n30	5n 1	19s51	1s 9	16s31	1s19	5n 8	0n 6	24n16	0n33	22s22	0s40	1s17	0s40	11s 5	1n56	3n23	11s20	23s40	23s39	5s18			n.a.

Julian Day Number = 1599095.5, Delta T = 04h00m18s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'46, Lahiri = - 8°34'45 Julian Calendar 1 Feb. 335 BCE == Greg. Calendar 27 Jan. 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

MARCH 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 15 10	5♓48'44	11♈44	8♒ 8	20♒24	13♈19	27♊26	23♉20	28♓23	3°R41	7♉16	25°R38	25♐ 4	5♓ 6	n.a.	W 1
T 2	10 19 7	6°47'48	23°48	9°13	21°38	14° 0	27°27	23°26	28°26	3♏40	7°17	25♐28	25° 1	5°13	n.a.	T 2
F 3	10 23 3	7°46'49	6♉ 0	10°21	22°52	14°41	27°28	23°32	28°29	3°39	7°18	25°22	24°58	5°19	n.a.	F 3
S 4	10 27 0	8°45'48	18°23	11°31	24° 6	15°22	27°29	23°38	28°32	3°38	7°19	25°17	24°54	5°26	n.a.	S 4
S 5	10 30 56	9°44'45	1♊ 2	12°44	25°20	16° 3	27°30	23°44	28°36	3°38	7°19	25°16	24°51	5°33	n.a.	S 5
M 6	10 34 53	10°43'39	14° 1	13°58	26°34	16°44	27°31	23°50	28°39	3°37	7°20	25°D16	24°48	5°39	n.a.	M 6
T 7	10 38 49	11°42'31	27°24	15°15	27°48	17°25	27°33	23°55	28°42	3°36	7°21	25°R16	24°45	5°46	n.a.	T 7
W 8	10 42 46	12°41'20	11♋13	16°33	29° 2	18° 6	27°34	24° 1	28°46	3°35	7°22	25°15	24°42	5°53	n.a.	W 8
T 9	10 46 42	13°40'08	25°30	17°54	0♓16	18°47	27°36	24° 7	28°49	3°34	7°23	25°12	24°39	6° 0	n.a.	T 9
F 10	10 50 39	14°38'52	10♌13	19°16	1°30	19°28	27°38	24°12	28°52	3°34	7°24	25° 7	24°35	6° 6	n.a.	F 10
S 11	10 54 36	15°37'35	25°18	20°40	2°44	20° 9	27°41	24°18	28°56	3°33	7°24	24°59	24°32	6°13	n.a.	S 11
S 12	10 58 32	16°36'15	10♍36	22° 6	3°58	20°50	27°43	24°23	28°59	3°32	7°25	24°49	24°29	6°20	n.a.	S 12
M13	11 2 29	17°34'52	25°55	23°34	5°12	21°31	27°46	24°28	29° 2	3°31	7°26	24°38	24°26	6°27	n.a.	M13
T 14	11 6 25	18°33'28	11♎ 5	25° 3	6°26	22°11	27°49	24°34	29° 6	3°30	7°27	24°27	24°23	6°33	n.a.	T 14
W15	11 10 22	19°32'02	25°55	26°35	7°40	22°52	27°52	24°39	29° 9	3°29	7°28	24°18	24°19	6°40	n.a.	W15
T 16	11 14 18	20°30'35	10♏18	28° 7	8°54	23°33	27°55	24°44	29°13	3°28	7°29	24°11	24°16	6°47	n.a.	T 16
F 17	11 18 15	21°29'05	24°11	29°42	10° 8	24°13	27°58	24°49	29°16	3°26	7°30	24° 7	24°13	6°53	n.a.	F 17
S 18	11 22 11	22°27'34	7♐35	1♓18	11°22	24°54	28° 2	24°54	29°19	3°25	7°31	24° 6	24°10	7° 0	n.a.	S 18
S 19	11 26 8	23°26'01	20°32	2°56	12°35	25°35	28° 5	24°59	29°23	3°24	7°32	24° 5	24° 7	7° 7	n.a.	S 19
M20	11 30 5	24°24'27	3♑ 6	4°36	13°49	26°15	28° 9	25° 4	29°26	3°23	7°33	24° 5	24° 4	7°14	n.a.	M20
T 21	11 34 1	25°22'50	15°22	6°17	15° 3	26°56	28°13	25° 8	29°30	3°22	7°34	24° 4	24° 0	7°20	n.a.	T 21
W22	11 37 58	26°21'12	27°26	8° 0	16°17	27°36	28°17	25°13	29°33	3°21	7°35	24° 1	23°57	7°27	n.a.	W22
T 23	11 41 54	27°19'32	9♒21	9°44	17°31	28°17	28°22	25°18	29°37	3°20	7°36	23°56	23°54	7°34	n.a.	T 23
F 24	11 45 51	28°17'51	21°12	11°31	18°45	28°57	28°26	25°22	29°40	3°18	7°38	23°47	23°51	7°40	n.a.	F 24
S 25	11 49 47	29°16'08	3♓ 2	13°19	19°59	29°37	28°31	25°27	29°43	3°17	7°39	23°37	23°48	7°47	n.a.	S 25
S 26	11 53 44	0♈14'22	14°54	15° 8	21°13	0♉18	28°36	25°31	29°47	3°16	7°40	23°24	23°45	7°54	n.a.	S 26
M27	11 57 40	1°12'36	26°49	17° 0	22°27	0°58	28°41	25°36	29°50	3°14	7°41	23°10	23°41	8° 1	n.a.	M27
T 28	12 1 37	2°10'47	8♈48	18°53	23°40	1°38	28°46	25°40	29°54	3°13	7°42	22°56	23°38	8° 7	n.a.	T 28
W29	12 5 33	3° 8'56	20°54	20°48	24°54	2°19	28°51	25°44	29°57	3°12	7°43	22°43	23°35	8°14	n.a.	W29
T 30	12 9 30	4° 7'04	3♉ 6	22°44	26° 8	2°59	28°56	25°48	0♈ 1	3°10	7°44	22°33	23°32	8°21	n.a.	T 30
F 31	12 13 27	5♈ 5'09	15♉28	24♓42	27♓22	3♉39	29♊ 2	25♉52	0♈ 4	3♏ 9	7♉46	22♐25	23♐29	8♓27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	9s30	9n 8	4n50	19s43	1s18	16s 8	1s20	5n25	0n 7	24n16	0n33	22s21	0s40	1s15	0s40	11s 4	1n57	3n24	11s19	23s40	23s39	5s16			n.a.
T 2	9 7	13 27	4 26	19 33	1 26	15 45	1 21	5 42	0 8	24 16	0 33	22 20	0 40	1 14	0 40	11 4	1 57	3 24	11 19	23 39	23 38	5 13			n.a.
F 3	8 45	17 17	3 50	19 21	1 33	15 21	1 22	5 59	0 8	24 16	0 33	22 19	0 41	1 13	0 40	11 4	1 57	3 25	11 19	23 39	23 38	5 10			n.a.
S 4	8 23	20 26	3 2	19 9	1 40	14 57	1 23	6 16	0 9	24 16	0 33	22 18	0 41	1 12	0 40	11 3	1 57	3 25	11 19	23 39	23 38	5 7			n.a.
S 5	8 1	22 39	2 5	18 54	1 47	14 32	1 23	6 32	0 10	24 16	0 33	22 17	0 41	1 10	0 40	11 3	1 57	3 26	11 18	23 39	23 38	5 5			n.a.
M 6	7 38	23 45	0 59	18 38	1 53	14 8	1 24	6 49	0 10	24 16	0 33	22 17	0 41	1 9	0 40	11 3	1 57	3 26	11 18	23 39	23 38	5 2			n.a.
T 7	7 15	23 31	0s11	18 21	1 58	13 42	1 25	7 5	0 11	24 16	0 33	22 16	0 41	1 7	0 40	11 3	1 57	3 27	11 18	23 39	23 38	4 59			n.a.
W 8	6 53	21 52	1 23	18 1	2 3	13 17	1 25	7 22	0 11	24 16	0 33	22 15	0 41	1 6	0 40	11 2	1 57	3 27	11 18	23 39	23 38	4 56			n.a.
T 9	6 30	18 48	2 33	17 41	2 8	12 51	1 26	7 38	0 12	24 16	0 33	22 14	0 41	1 5	0 40	11 2	1 57	3 28	11 18	23 39	23 38	4 54			n.a.
F 10	6 7	14 28	3 34	17 19	2 12	12 25	1 26	7 54	0 13	24 16	0 33	22 13	0 41	1 3	0 39	11 1	1 57	3 28	11 17	23 39	23 37	4 51			n.a.
S 11	5 44	9 9	4 22	16 55	2 15	11 58	1 26	8 11	0 13	24 16	0 33	22 12	0 42	1 2	0 39	11 1	1 57	3 29	11 17	23 38	23 37	4 48			n.a.
S 12	5 21	3 12	4 51	16 29	2 18	11 31	1 27	8 27	0 14	24 16	0 33	22 11	0 42	1 1	0 39	11 1	1 57	3 29	11 17	23 38	23 37	4 46			n.a.
M13	4 58	2s57	5 0	16 2	2 21	11 4	1 27	8 43	0 15	24 16	0 33	22 11	0 42	0 59	0 39	11 0	1 57	3 30	11 17	23 38	23 37	4 43			n.a.
T 14	4 35	8 51	4 48	15 34	2 23	10 37	1 27	8 59	0 15	24 16	0 33	22 10	0 42	0 58	0 39	11 0	1 57	3 30	11 16	23 37	23 37	4 40			n.a.
W15	4 12	14 6	4 16	15 4	2 24	10 9	1 27	9 15	0 16	24 16	0 33	22 9	0 42	0 57	0 39	11 0	1 57	3 31	11 16	23 37	23 37	4 37			n.a.
T 16	3 48	18 24	3 29	14 32	2 25	9 41	1 27	9 31	0 17	24 17	0 33	22 8	0 42	0 55	0 39	10 59	1 57	3 31	11 16	23 36	23 37	4 35			n.a.
F 17	3 25	21 29	2 31	13 59	2 26	9 12	1 27	9 46	0 17	24 17	0 33	22 7	0 42	0 54	0 39	10 59	1 57	3 32	11 16	23 36	23 36	4 32			n.a.
S 18	3 2	23 16	1 26	13 24	2 25	8 44	1 27	10 2	0 18	24 17	0 33	22 7	0 42	0 52	0 39	10 58	1 57	3 32	11 16	23 36	23 36	4 29			n.a.
S 19	2 38	23 42	0 19	12 48	2 25	8 15	1 27	10 17	0 18	24 17	0 33	22 6	0 43	0 51	0 39	10 58	1 57	3 33	11 15	23 36	23 36	4 26			n.a.
M20	2 15	22 54	0n47	12 10	2 24	7 46	1 27	10 33	0 19	24 17	0 33	22 5	0 43	0 50	0 39	10 58	1 57	3 33	11 15	23 36	23 36	4 24			n.a.
T 21	1 51	21 1	1 50	11 31	2 22	7 17	1 26	10 48	0 20	24 17	0 33	22 4	0 43	0 48	0 39	10 57	1 57	3 34	11 15	23 36	23 36	4 21			n.a.
W22	1 28	18 13	2 46	10 50	2 20	6 48	1 26	11 4	0 20	24 17	0 33	22 4	0 43	0 47	0 39	10 57	1 58	3 34	11 15	23 36	23 36	4 18			n.a.
T 23	1 5	14 41	3 35	10 7	2 17	6 18	1 26	11 19	0 21	24 17	0 33	22 3	0 43	0 45	0 39	10 56	1 58	3 35	11 15	23 36	23 36	4 16			n.a.
F 24	0 41	10 37	4 13	9 23	2 14	5 48	1 25	11 34	0 21	24 17	0 33	22 2	0 43	0 44	0 39	10 56	1 58	3 35	11 14	23 35	23 35	4 13			n.a.
S 25	0 18	6 9	4 41	8 38	2 10	5 19	1 25	11 49	0 22	24 17	0 34	22 1	0 43	0 43	0 39	10 55	1 58	3 36	11 14	23 35	23 35	4 10			n.a.
S 26	0n 6	1 28	4 56	7 51	2 6	4 49	1 24	12 4	0 22	24 17	0 34	22 1	0 44	0 41	0 39	10 55	1 58	3 36	11 14	23 34	23 35	4 7			n.a.
M27	0 29	3n17	4 59	7 3	2 1	4 19	1 23	12 19	0 23	24 17	0 34	22 0	0 44	0 40	0 39	10 54	1 58	3 37	11 14	23 33	23 35	4 5			n.a.
T 28	0 53	7 56	4 48	6 13	1 55	3 48	1 23	12 33	0 24	24 17	0 34	21 59	0 44	0 39	0 39	10 54	1 58	3 37	11 14	23 33	23 35	4 2			n.a.
W29	1 16	12 20	4 25	5 22	1 49	3 18	1 22	12 48	0 24	24 17	0 34	21 59	0 44	0 37	0 39	10 53	1 58	3 38	11 13	23 32	23 35	3 59			n.a.
T 30	1 39	16 17	3 49	4 29	1 43	2 48	1 21	13 3	0 25	24 17	0 34	21 58	0 44	0 36	0 39	10 53	1 58	3 39	11 13	23 31	23 35	3 56			n.a.
F 31	2n 3	19n34	3n 2	3s36	1s36	2s17	1s20	13n17	0n25	24n18	0n34	21s58	0s44	0s34	0s39	10s52	1n58	3n39	11s13	23s31	23s34	3s54			n.a.

Julian Day Number = 1599123.5, Delta T = 04h00m17s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'42, Lahiri = - 8°34'42 Julian Calendar 1 March 335 BCE == Greg. Calendar 24 Feb. 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

APRIL 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 17 23	6♈ 3'13	27♉59	26♓42	28♓36	4♉19	29♊ 8	25♋56	0♈ 7	3°R 8	7♉47	22°R20	23♐25	8♓34	n.a.	S 1
S 2	12 21 20	7° 1'15	10♊44	28°43	29°50	4°59	29°14	26° 0	0°11	3♏ 6	7°48	22♐18	23°22	8°41	n.a.	S 2
M 3	12 25 16	7°59'15	23°45	0♈46	1♈ 3	5°39	29°20	26° 4	0°14	3° 5	7°49	22°D18	23°19	8°48	n.a.	M 3
T 4	12 29 13	8°57'12	7♋ 5	2°51	2°17	6°19	29°26	26° 8	0°18	3° 3	7°50	22°R18	23°16	8°54	n.a.	T 4
W 5	12 33 9	9°55'08	20°47	4°56	3°31	7° 0	29°32	26°11	0°21	3° 2	7°52	22°18	23°13	9° 1	n.a.	W 5
T 6	12 37 6	10°53'02	4♌52	7° 3	4°45	7°40	29°39	26°15	0°24	3° 1	7°53	22°16	23°10	9° 8	n.a.	T 6
F 7	12 41 2	11°50'54	19°21	9°11	5°59	8°19	29°46	26°18	0°28	2°59	7°54	22°11	23° 6	9°14	n.a.	F 7
S 8	12 44 59	12°48'44	4♍ 9	11°20	7°12	8°59	29°52	26°21	0°31	2°58	7°55	22° 4	23° 3	9°21	n.a.	S 8
S 9	12 48 56	13°46'32	19°11	13°30	8°26	9°39	29°59	26°25	0°35	2°56	7°57	21°56	23° 0	9°28	n.a.	S 9
M10	12 52 52	14°44'18	4♎18	15°40	9°40	10°19	0♋ 6	26°28	0°38	2°55	7°58	21°46	22°57	9°35	n.a.	M10
T 11	12 56 49	15°42'03	19°20	17°51	10°54	10°59	0°14	26°31	0°41	2°53	7°59	21°36	22°54	9°41	n.a.	T 11
W12	13 0 45	16°39'46	4♏ 6	20° 1	12° 7	11°39	0°21	26°34	0°45	2°52	8° 0	21°28	22°51	9°48	n.a.	W12
T 13	13 4 42	17°37'28	18°31	22°12	13°21	12°19	0°28	26°37	0°48	2°50	8° 2	21°22	22°47	9°55	n.a.	T 13
F 14	13 8 38	18°35'09	2♐28	24°21	14°35	12°58	0°36	26°40	0°51	2°48	8° 3	21°18	22°44	10° 2	n.a.	F 14
S 15	13 12 35	19°32'48	15°57	26°30	15°48	13°38	0°44	26°43	0°55	2°47	8° 4	21°D17	22°41	10° 8	n.a.	S 15
S 16	13 16 31	20°30'27	28°59	28°38	17° 2	14°18	0°51	26°45	0°58	2°45	8° 6	21°17	22°38	10°15	n.a.	S 16
M17	13 20 28	21°28'04	11♑37	0♉44	18°16	14°57	0°59	26°48	1° 1	2°44	8° 7	21°18	22°35	10°22	n.a.	M17
T 18	13 24 25	22°25'40	23°56	2°49	19°30	15°37	1° 7	26°50	1° 4	2°42	8° 8	21°R18	22°31	10°28	n.a.	T 18
W19	13 28 21	23°23'15	6♒ 1	4°52	20°43	16°17	1°16	26°53	1° 8	2°41	8°10	21°17	22°28	10°35	n.a.	W19
T 20	13 32 18	24°20'49	17°57	6°53	21°57	16°56	1°24	26°55	1°11	2°39	8°11	21°14	22°25	10°42	n.a.	T 20
F 21	13 36 14	25°18'21	29°48	8°52	23°11	17°36	1°32	26°57	1°14	2°37	8°12	21° 9	22°22	10°49	n.a.	F 21
S 22	13 40 11	26°15'53	11♓39	10°48	24°24	18°15	1°41	26°59	1°17	2°36	8°14	21° 2	22°19	10°55	n.a.	S 22
S 23	13 44 7	27°13'24	23°33	12°42	25°38	18°55	1°50	27° 1	1°20	2°34	8°15	20°53	22°16	11° 2	n.a.	S 23
M24	13 48 4	28°10'53	5♈33	14°33	26°52	19°34	1°58	27° 3	1°24	2°33	8°16	20°43	22°12	11° 9	n.a.	M24
T 25	13 52 0	29° 8'22	17°41	16°22	28° 6	20°14	2° 7	27° 5	1°27	2°31	8°18	20°34	22° 9	11°15	n.a.	T 25
W26	13 55 57	0♉ 5'49	29°57	18° 7	29°19	20°53	2°16	27° 7	1°30	2°29	8°19	20°25	22° 6	11°22	n.a.	W26
T 27	13 59 53	1° 3'15	12♉23	19°50	0♉33	21°33	2°25	27° 8	1°33	2°28	8°20	20°18	22° 3	11°29	n.a.	T 27
F 28	14 3 50	2° 0'41	24°59	21°30	1°47	22°12	2°35	27°10	1°36	2°26	8°22	20°13	22° 0	11°36	n.a.	F 28
S 29	14 7 47	2°58'05	7♊47	23° 7	3° 0	22°51	2°44	27°11	1°39	2°24	8°23	20°10	21°56	11°42	n.a.	S 29
S 30	14 11 43	3♉55'28	20♊47	24♉41	4♉14	23♉31	2♋53	27♋13	1♈42	2♏23	8♉25	20°D 9	21♐53	11♓49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n26	21n59	2n 5	2s41	1s28	1s46	1s19	13n31	0n26	24n18	0n34	21s57	0s44	0s33	0s39	10s52	1n58	3n40	11s13	23s31	23s34	3s51		n.a.
S 2	2 49	23 20	1 1	1 45	1 20	1 16	1 18	13 45	0 26	24 18	0 34	21 56	0 45	0 32	0 39	10 51	1 58	3 40	11 13	23 31	23 34	3 48		n.a.
M 3	3 12	23 27	0s 8	0 47	1 12	0 45	1 17	14 0	0 27	24 18	0 34	21 56	0 45	0 30	0 39	10 51	1 58	3 41	11 13	23 31	23 34	3 46		n.a.
T 4	3 35	22 15	1 18	0n11	1 3	0 14	1 16	14 14	0 27	24 18	0 34	21 55	0 45	0 29	0 39	10 50	1 58	3 41	11 12	23 31	23 34	3 43		n.a.
W 5	3 59	19 43	2 25	1 10	0 54	0n16	1 15	14 27	0 28	24 18	0 34	21 55	0 45	0 28	0 39	10 50	1 58	3 42	11 12	23 30	23 34	3 40		n.a.
T 6	4 22	15 58	3 25	2 9	0 44	0 47	1 14	14 41	0 29	24 18	0 34	21 54	0 45	0 26	0 39	10 49	1 58	3 42	11 12	23 30	23 33	3 37		n.a.
F 7	4 44	11 10	4 15	3 9	0 35	1 18	1 12	14 55	0 29	24 18	0 34	21 54	0 45	0 25	0 39	10 49	1 58	3 43	11 12	23 30	23 33	3 35		n.a.
S 8	5 7	5 39	4 48	4 10	0 24	1 49	1 11	15 8	0 30	24 18	0 34	21 53	0 45	0 23	0 39	10 48	1 58	3 43	11 12	23 30	23 33	3 32		n.a.
S 9	5 30	0s17	5 2	5 11	0 14	2 19	1 10	15 22	0 30	24 18	0 34	21 53	0 46	0 22	0 39	10 48	1 58	3 44	11 12	23 29	23 33	3 29		n.a.
M10	5 53	6 14	4 55	6 11	0 4	2 50	1 8	15 35	0 31	24 18	0 34	21 52	0 46	0 21	0 39	10 47	1 58	3 44	11 12	23 29	23 33	3 27		n.a.
T 11	6 15	11 47	4 28	7 12	0n 7	3 21	1 7	15 48	0 31	24 18	0 34	21 52	0 46	0 19	0 39	10 47	1 58	3 45	11 11	23 28	23 33	3 24		n.a.
W12	6 38	16 32	3 43	8 12	0 18	3 51	1 5	16 1	0 32	24 18	0 34	21 51	0 46	0 18	0 39	10 46	1 58	3 45	11 11	23 27	23 32	3 21		n.a.
T 13	7 0	20 11	2 45	9 11	0 28	4 22	1 3	16 14	0 32	24 18	0 34	21 51	0 46	0 17	0 39	10 46	1 58	3 46	11 11	23 27	23 32	3 18		n.a.
F 14	7 22	22 31	1 39	10 9	0 39	4 52	1 2	16 27	0 33	24 18	0 34	21 50	0 46	0 15	0 39	10 45	1 58	3 46	11 11	23 27	23 32	3 16		n.a.
S 15	7 44	23 27	0 28	11 6	0 49	5 22	1 0	16 39	0 33	24 18	0 34	21 50	0 47	0 14	0 39	10 44	1 58	3 47	11 11	23 27	23 32	3 13		n.a.
S 16	8 6	23 3	0n41	12 2	0 59	5 53	0 58	16 52	0 34	24 18	0 34	21 50	0 47	0 13	0 39	10 44	1 58	3 47	11 11	23 27	23 32	3 10		n.a.
M17	8 28	21 27	1 46	12 56	1 9	6 23	0 57	17 4	0 34	24 18	0 34	21 49	0 47	0 11	0 39	10 43	1 58	3 48	11 11	23 27	23 31	3 7		n.a.
T 18	8 50	18 52	2 45	13 49	1 18	6 53	0 55	17 16	0 35	24 18	0 34	21 49	0 47	0 10	0 39	10 43	1 58	3 48	11 11	23 27	23 31	3 5		n.a.
W19	9 12	15 31	3 36	14 40	1 26	7 22	0 53	17 28	0 35	24 18	0 34	21 49	0 47	0 9	0 39	10 42	1 58	3 49	11 11	23 27	23 31	3 2		n.a.
T 20	9 33	11 35	4 16	15 28	1 35	7 52	0 51	17 40	0 36	24 18	0 34	21 48	0 47	0 8	0 39	10 42	1 58	3 49	11 10	23 27	23 31	2 59		n.a.
F 21	9 54	7 15	4 45	16 15	1 42	8 21	0 49	17 52	0 36	24 17	0 34	21 48	0 47	0 6	0 39	10 41	1 58	3 50	11 10	23 26	23 31	2 57		n.a.
S 22	10 16	2 38	5 1	16 59	1 49	8 51	0 47	18 4	0 37	24 17	0 34	21 48	0 48	0 5	0 39	10 41	1 58	3 50	11 10	23 26	23 31	2 54		n.a.
S 23	10 37	2n 4	5 5	17 40	1 56	9 20	0 45	18 15	0 37	24 17	0 34	21 48	0 48	0 4	0 39	10 40	1 58	3 51	11 10	23 25	23 30	2 51		n.a.
M24	10 58	6 44	4 55	18 20	2 1	9 49	0 43	18 27	0 37	24 17	0 34	21 47	0 48	0 2	0 39	10 39	1 58	3 51	11 10	23 24	23 30	2 48		n.a.
T 25	11 18	11 12	4 32	18 57	2 6	10 17	0 41	18 38	0 38	24 17	0 34	21 47	0 48	0 1	0 39	10 39	1 58	3 52	11 10	23 24	23 30	2 46		n.a.
W26	11 39	15 16	3 56	19 32	2 10	10 46	0 39	18 49	0 38	24 17	0 34	21 47	0 48	0n 0	0 39	10 38	1 58	3 52	11 10	23 23	23 30	2 43		n.a.
T 27	11 59	18 44	3 9	20 4	2 14	11 14	0 37	19 0	0 39	24 17	0 34	21 47	0 48	0 1	0 39	10 38	1 58	3 53	11 10	23 23	23 30	2 40		n.a.
F 28	12 19	21 22	2 11	20 34	2 17	11 42	0 35	19 11	0 39	24 17	0 34	21 47	0 49	0 3	0 39	10 37	1 58	3 53	11 10	23 22	23 29	2 38		n.a.
S 29	12 39	22 58	1 6	21 1	2 19	12 9	0 33	19 21	0 40	24 16	0 34	21 47	0 49	0 4	0 39	10 37	1 58	3 54	11 10	23 22	23 29	2 35		n.a.
S 30	12n59	23n21	0s 3	21n26	2n20	12n37	0s30	19n32	0n40	24n16	0n34	21s47	0s49	0n 5	0s40	10s36	1n58	3n54	11s10	23s22	23s29	2s32		n.a.

Julian Day Number = 1599154.5, Delta T = 04h00m16s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'38, Lahiri = - 8°34'37 Julian Calendar 1 Apr. 335 BCE == Greg. Calendar 27 March 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

MAY 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 15 40	4♉52'49	4♋ 0	26♉13	5♉28	24♉10	3♋ 3	27♏14	1♈45	2°R21	8♉26	20♐10	21♐50	11♓56	n.a.	M 1
T 2	14 19 36	5°50'10	17°28	27°41	6°41	24°49	3°12	27°15	1°48	2♏20	8°27	20°11	21°47	12° 2	n.a.	T 2
W 3	14 23 33	6°47'29	1♌12	29° 6	7°55	25°29	3°22	27°16	1°51	2°18	8°29	20°R12	21°44	12° 9	n.a.	W 3
T 4	14 27 29	7°44'47	15°12	0♊27	9° 9	26° 8	3°32	27°17	1°54	2°16	8°30	20°12	21°41	12°16	n.a.	T 4
F 5	14 31 26	8°42'04	29°28	1°46	10°22	26°47	3°42	27°18	1°57	2°15	8°31	20°10	21°37	12°23	n.a.	F 5
S 6	14 35 23	9°39'20	13♍58	3° 2	11°36	27°26	3°52	27°19	2° 0	2°13	8°33	20° 7	21°34	12°29	n.a.	S 6
S 7	14 39 19	10°36'34	28°38	4°14	12°50	28° 5	4° 2	27°19	2° 3	2°12	8°34	20° 2	21°31	12°36	n.a.	S 7
M 8	14 43 16	11°33'48	13♎21	5°23	14° 3	28°44	4°12	27°20	2° 6	2°10	8°36	19°57	21°28	12°43	n.a.	M 8
T 9	14 47 12	12°31'00	28° 1	6°29	15°17	29°23	4°22	27°20	2° 8	2° 8	8°37	19°51	21°25	12°50	n.a.	T 9
W10	14 51 9	13°28'12	12♏29	7°31	16°31	0♊ 3	4°33	27°21	2°11	2° 7	8°38	19°46	21°22	12°56	n.a.	W10
T 11	14 55 5	14°25'23	26°41	8°30	17°44	0°42	4°43	27°21	2°14	2° 5	8°40	19°43	21°18	13° 3	n.a.	T 11
F 12	14 59 2	15°22'34	10♐30	9°26	18°58	1°21	4°54	27°21	2°17	2° 4	8°41	19°41	21°15	13°10	n.a.	F 12
S 13	15 2 58	16°19'44	23°57	10°17	20°12	2° 0	5° 4	27°R21	2°19	2° 2	8°42	19°D41	21°12	13°16	n.a.	S 13
S 14	15 6 55	17°16'54	6♑59	11° 5	21°25	2°39	5°15	27°21	2°22	2° 0	8°44	19°42	21° 9	13°23	n.a.	S 14
M15	15 10 52	18°14'04	19°40	11°49	22°39	3°18	5°26	27°21	2°25	1°59	8°45	19°43	21° 6	13°30	n.a.	M15
T 16	15 14 48	19°11'13	2♒ 2	12°29	23°53	3°57	5°36	27°21	2°27	1°57	8°46	19°45	21° 2	13°37	n.a.	T 16
W17	15 18 45	20° 8'22	14°10	13° 5	25° 6	4°36	5°47	27°20	2°30	1°56	8°48	19°46	20°59	13°43	n.a.	W17
T 18	15 22 41	21° 5'31	26° 8	13°37	26°20	5°14	5°58	27°20	2°32	1°54	8°49	19°R46	20°56	13°50	n.a.	T 18
F 19	15 26 38	22° 2'39	8♓ 1	14° 5	27°34	5°53	6° 9	27°19	2°35	1°53	8°51	19°45	20°53	13°57	n.a.	F 19
S 20	15 30 34	22°59'47	19°54	14°28	28°47	6°32	6°21	27°19	2°37	1°51	8°52	19°43	20°50	14° 4	n.a.	S 20
S 21	15 34 31	23°56'56	1♈51	14°47	0♊ 1	7°11	6°32	27°18	2°40	1°50	8°53	19°39	20°47	14°10	n.a.	S 21
M22	15 38 27	24°54'04	13°56	15° 2	1°15	7°50	6°43	27°17	2°42	1°48	8°55	19°35	20°43	14°17	n.a.	M22
T 23	15 42 24	25°51'12	26°10	15°12	2°28	8°29	6°54	27°16	2°45	1°47	8°56	19°32	20°40	14°24	n.a.	T 23
W24	15 46 21	26°48'20	8♉37	15°17	3°42	9° 8	7° 6	27°15	2°47	1°46	8°57	19°28	20°37	14°30	n.a.	W24
T 25	15 50 17	27°45'28	21°18	15°R18	4°56	9°46	7°17	27°14	2°49	1°44	8°59	19°25	20°34	14°37	n.a.	T 25
F 26	15 54 14	28°42'35	4♊13	15°14	6° 9	10°25	7°29	27°13	2°51	1°43	9° 0	19°24	20°31	14°44	n.a.	F 26
S 27	15 58 10	29°39'43	17°21	15° 6	7°23	11° 4	7°40	27°12	2°54	1°41	9° 1	19°D23	20°28	14°51	n.a.	S 27
S 28	16 2 7	0♊36'50	0♋44	14°53	8°37	11°43	7°52	27°10	2°56	1°40	9° 2	19°23	20°24	14°57	n.a.	S 28
M29	16 6 3	1°33'58	14°19	14°37	9°50	12°21	8° 4	27° 9	2°58	1°39	9° 4	19°24	20°21	15° 4	n.a.	M29
T 30	16 10 0	2°31'04	28° 5	14°16	11° 4	13° 0	8°16	27° 7	3° 0	1°37	9° 5	19°25	20°18	15°11	n.a.	T 30
W31	16 13 57	3♊28'11	12♌ 2	13♊51	12♊18	13♊39	8♋27	27♏ 5	3♈ 2	1♏36	9♉ 6	19♐27	20♐15	15♓17	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	13n18	22n26	1s14	21n49	2n20	13n 4	0s28	19n42	0n41	24n16	0n34	21s46	0s49	0n 6	0s40	10s35	1n58	3n55	11s10	23s22	23s29	2s30			n.a.
T 2	13 38	20 14	2 22	22 9	2 20	13 31	0 26	19 52	0 41	24 16	0 34	21 46	0 49	0 7	0 40	10 35	1 58	3 55	11 10	23 22	23 29	2 27			n.a.
W 3	13 57	16 50	3 24	22 28	2 19	13 57	0 24	20 2	0 41	24 16	0 34	21 46	0 49	0 9	0 40	10 34	1 58	3 56	11 10	23 22	23 28	2 24			n.a.
T 4	14 16	12 26	4 14	22 44	2 17	14 23	0 21	20 12	0 42	24 15	0 34	21 46	0 50	0 10	0 40	10 34	1 58	3 56	11 10	23 22	23 28	2 21			n.a.
F 5	14 35	7 17	4 50	22 58	2 14	14 49	0 19	20 22	0 42	24 15	0 34	21 46	0 50	0 11	0 40	10 33	1 58	3 57	11 10	23 22	23 28	2 19			n.a.
S 6	14 53	1 39	5 8	23 9	2 11	15 14	0 17	20 31	0 43	24 15	0 34	21 46	0 50	0 12	0 40	10 33	1 58	3 57	11 9	23 22	23 28	2 16			n.a.
S 7	15 11	4s 7	5 6	23 19	2 6	15 39	0 14	20 41	0 43	24 15	0 34	21 46	0 50	0 13	0 40	10 32	1 58	3 58	11 9	23 21	23 28	2 13			n.a.
M 8	15 29	9 41	4 44	23 27	2 1	16 4	0 12	20 50	0 44	24 14	0 34	21 46	0 50	0 14	0 40	10 32	1 58	3 58	11 9	23 21	23 27	2 11			n.a.
T 9	15 47	14 41	4 4	23 33	1 56	16 28	0 10	20 59	0 44	24 14	0 34	21 46	0 50	0 15	0 40	10 31	1 58	3 59	11 9	23 21	23 27	2 8			n.a.
W10	16 5	18 46	3 8	23 38	1 49	16 52	0 7	21 8	0 44	24 14	0 34	21 47	0 51	0 16	0 40	10 31	1 58	3 59	11 9	23 20	23 27	2 5			n.a.
T 11	16 22	21 38	2 2	23 40	1 42	17 15	0 5	21 17	0 45	24 13	0 34	21 47	0 51	0 18	0 40	10 30	1 58	3 59	11 9	23 20	23 27	2 3			n.a.
F 12	16 39	23 7	0 50	23 41	1 34	17 38	0 3	21 25	0 45	24 13	0 34	21 47	0 51	0 19	0 40	10 30	1 58	4 0	11 9	23 20	23 27	2 0			n.a.
S 13	16 56	23 12	0n23	23 40	1 25	18 0	0 0	21 34	0 46	24 13	0 34	21 47	0 51	0 20	0 40	10 29	1 58	4 0	11 9	23 20	23 26	1 57			n.a.
S 14	17 12	22 0	1 33	23 37	1 15	18 22	0n 2	21 42	0 46	24 12	0 34	21 47	0 51	0 21	0 40	10 28	1 58	4 1	11 9	23 20	23 26	1 54			n.a.
M15	17 28	19 42	2 37	23 33	1 5	18 44	0 4	21 50	0 46	24 12	0 34	21 47	0 51	0 22	0 40	10 28	1 58	4 1	11 9	23 20	23 26	1 52			n.a.
T 16	17 44	16 32	3 31	23 28	0 54	19 5	0 7	21 58	0 47	24 11	0 34	21 48	0 52	0 23	0 40	10 27	1 58	4 2	11 9	23 20	23 26	1 49			n.a.
W17	18 0	12 43	4 15	23 21	0 42	19 26	0 9	22 6	0 47	24 11	0 34	21 48	0 52	0 24	0 40	10 27	1 58	4 2	11 9	23 20	23 25	1 46			n.a.
T 18	18 15	8 28	4 47	23 12	0 30	19 46	0 12	22 13	0 48	24 10	0 34	21 48	0 52	0 25	0 40	10 26	1 58	4 2	11 9	23 20	23 25	1 44			n.a.
F 19	18 30	3 56	5 7	23 3	0 17	20 5	0 14	22 20	0 48	24 10	0 35	21 48	0 52	0 26	0 40	10 26	1 58	4 3	11 9	23 20	23 25	1 41			n.a.
S 20	18 45	0n45	5 13	22 52	0 3	20 24	0 16	22 28	0 48	24 9	0 35	21 49	0 52	0 27	0 40	10 25	1 58	4 3	11 9	23 20	23 25	1 38			n.a.
S 21	19 0	5 25	5 6	22 40	0s11	20 42	0 19	22 35	0 49	24 9	0 35	21 49	0 52	0 28	0 40	10 25	1 58	4 4	11 9	23 20	23 25	1 36			n.a.
M22	19 14	9 56	4 46	22 27	0 26	21 0	0 21	22 42	0 49	24 8	0 35	21 49	0 53	0 29	0 40	10 24	1 58	4 4	11 9	23 19	23 24	1 33			n.a.
T 23	19 28	14 7	4 12	22 13	0 41	21 18	0 23	22 48	0 49	24 8	0 35	21 50	0 53	0 30	0 40	10 24	1 58	4 4	11 9	23 19	23 24	1 30			n.a.
W24	19 41	17 47	3 26	21 58	0 57	21 34	0 26	22 55	0 50	24 7	0 35	21 50	0 53	0 31	0 40	10 24	1 58	4 5	11 9	23 19	23 24	1 28			n.a.
T 25	19 54	20 41	2 28	21 43	1 13	21 50	0 28	23 1	0 50	24 7	0 35	21 50	0 53	0 31	0 40	10 23	1 58	4 5	11 10	23 18	23 24	1 25			n.a.
F 26	20 7	22 36	1 23	21 26	1 29	22 6	0 30	23 7	0 51	24 6	0 35	21 51	0 53	0 32	0 40	10 23	1 58	4 5	11 10	23 18	23 23	1 22			n.a.
S 27	20 20	23 19	0 11	21 9	1 45	22 21	0 32	23 13	0 51	24 5	0 35	21 51	0 53	0 33	0 40	10 22	1 58	4 6	11 10	23 18	23 23	1 19			n.a.
S 28	20 32	22 42	1s 2	20 52	2 1	22 35	0 35	23 19	0 51	24 5	0 35	21 52	0 54	0 34	0 40	10 22	1 58	4 6	11 10	23 18	23 23	1 17			n.a.
M29	20 44	20 45	2 13	20 34	2 17	22 49	0 37	23 24	0 52	24 4	0 35	21 52	0 54	0 35	0 40	10 21	1 58	4 7	11 10	23 18	23 23	1 14			n.a.
T 30	20 55	17 34	3 18	20 16	2 33	23 1	0 39	23 30	0 52	24 3	0 35	21 53	0 54	0 36	0 40	10 21	1 58	4 7	11 10	23 18	23 23	1 11			n.a.
W31	21n 6	13n23	4s11	19n58	2s48	23n14	0n41	23n35	0n52	24n 3	0n35	21s53	0s54	0n37	0s40	10s20	1n58	4n 7	11s10	23s19	23s22	1s 9			n.a.

Julian Day Number = 1599184.5, Delta T = 04h00m15s
Ecliptic obliquity = 23°44'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'34, Lahiri = - 8°34'33 Julian Calendar 1 May 335 BCE == Greg. Calendar 26 Apr. 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

JUNE 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 17 53	4♊25'17	26♌ 7	13°R23	13♊31	14♊17	8♋39	27°R 4	3♈ 4	1°R35	9♉ 8	19♐27	20♐12	15♓24	n.a.	T 1
F 2	16 21 50	5°22'23	10♍20	12♊53	14°45	14°56	8°51	27♉ 2	3° 6	1♏33	9° 9	19°R27	20° 8	15°31	n.a.	F 2
S 3	16 25 46	6°19'29	24°37	12°19	15°59	15°35	9° 3	27° 0	3° 8	1°32	9°10	19°27	20° 5	15°38	n.a.	S 3
S 4	16 29 43	7°16'35	8♎56	11°44	17°12	16°13	9°15	26°58	3°10	1°31	9°11	19°26	20° 2	15°44	n.a.	S 4
M 5	16 33 39	8°13'40	23°14	11° 7	18°26	16°52	9°27	26°56	3°12	1°30	9°13	19°24	19°59	15°51	n.a.	M 5
T 6	16 37 36	9°10'45	7♏25	10°30	19°40	17°30	9°40	26°53	3°14	1°28	9°14	19°23	19°56	15°58	n.a.	T 6
W 7	16 41 32	10° 7'51	21°27	9°52	20°53	18° 9	9°52	26°51	3°16	1°27	9°15	19°22	19°53	16° 5	n.a.	W 7
T 8	16 45 29	11° 4'57	5♐16	9°15	22° 7	18°48	10° 4	26°49	3°17	1°26	9°16	19°22	19°49	16°11	n.a.	T 8
F 9	16 49 26	12° 2'03	18°48	8°39	23°21	19°26	10°16	26°46	3°19	1°25	9°17	19°D21	19°46	16°18	n.a.	F 9
S 10	16 53 22	12°59'09	2♑ 2	8° 5	24°34	20° 5	10°29	26°44	3°21	1°24	9°19	19°21	19°43	16°25	n.a.	S 10
S 11	16 57 19	13°56'16	14°58	7°33	25°48	20°43	10°41	26°41	3°22	1°23	9°20	19°22	19°40	16°31	n.a.	S 11
M12	17 1 15	14°53'24	27°35	7° 4	27° 2	21°22	10°53	26°38	3°24	1°22	9°21	19°22	19°37	16°38	n.a.	M12
T 13	17 5 12	15°50'32	9♒57	6°39	28°15	22° 0	11° 6	26°36	3°26	1°21	9°22	19°23	19°34	16°45	n.a.	T 13
W14	17 9 8	16°47'40	22° 5	6°17	29°29	22°39	11°18	26°33	3°27	1°20	9°23	19°23	19°30	16°52	n.a.	W14
T 15	17 13 5	17°44'49	4♓ 5	6° 0	0♋43	23°17	11°31	26°30	3°28	1°19	9°24	19°23	19°27	16°58	n.a.	T 15
F 16	17 17 1	18°41'59	15°59	5°48	1°56	23°56	11°44	26°27	3°30	1°18	9°25	19°23	19°24	17° 5	n.a.	F 16
S 17	17 20 58	19°39'10	27°53	5°41	3°10	24°34	11°56	26°24	3°31	1°17	9°27	19°23	19°21	17°12	n.a.	S 17
S 18	17 24 55	20°36'22	9♈51	5°D39	4°24	25°12	12° 9	26°20	3°33	1°16	9°28	19°23	19°18	17°19	n.a.	S 18
M19	17 28 51	21°33'35	21°57	5°42	5°38	25°51	12°21	26°17	3°34	1°15	9°29	19°23	19°14	17°25	n.a.	M19
T 20	17 32 48	22°30'48	4♉16	5°52	6°51	26°29	12°34	26°14	3°35	1°14	9°30	19°24	19°11	17°32	n.a.	T 20
W21	17 36 44	23°28'02	16°50	6° 7	8° 5	27° 8	12°47	26°11	3°36	1°13	9°31	19°24	19° 8	17°39	n.a.	W21
T 22	17 40 41	24°25'18	29°42	6°27	9°19	27°46	13° 0	26° 7	3°37	1°12	9°32	19°25	19° 5	17°45	n.a.	T 22
F 23	17 44 37	25°22'34	12♊53	6°54	10°32	28°25	13°13	26° 4	3°38	1°11	9°33	19°R25	19° 2	17°52	n.a.	F 23
S 24	17 48 34	26°19'51	26°23	7°26	11°46	29° 3	13°25	26° 0	3°39	1°11	9°34	19°25	18°59	17°59	n.a.	S 24
S 25	17 52 30	27°17'09	10♋11	8° 5	13° 0	29°41	13°38	25°56	3°40	1°10	9°35	19°24	18°55	18° 6	n.a.	S 25
M26	17 56 27	28°14'28	24°13	8°49	14°13	0♋20	13°51	25°53	3°41	1° 9	9°36	19°24	18°52	18°12	n.a.	M26
T 27	18 0 24	29°11'47	8♌25	9°38	15°27	0°58	14° 4	25°49	3°42	1° 9	9°37	19°23	18°49	18°19	n.a.	T 27
W28	18 4 20	0♋ 9'07	22°44	10°34	16°41	1°36	14°17	25°45	3°43	1° 8	9°38	19°21	18°46	18°26	n.a.	W28
T 29	18 8 17	1° 6'28	7♍ 5	11°34	17°55	2°15	14°30	25°41	3°44	1° 7	9°39	19°20	18°43	18°33	n.a.	T 29
F 30	18 12 13	2♋ 3'49	21♍25	12♊41	19♋ 8	2♋53	14♋43	25♉37	3♈45	1♏ 7	9♉40	19♐20	18♐40	18♓39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n17	8n25	4s50	19n40	3s 3	23n25	0n43	23n40	0n53	24n 2	0n35	21s54	0s54	0n37	0s40	10s20	1n57	4n 8	11s10	23s19	23s22	1s 6		n.a.
F 2	21 28	2 59	5 12	19 22	3 17	23 36	0 46	23 45	0 53	24 1	0 35	21 54	0 54	0 38	0 40	10 20	1 57	4 8	11 10	23 19	23 22	1 3		n.a.
S 3	21 38	2s38	5 15	19 4	3 31	23 47	0 48	23 50	0 53	24 0	0 35	21 55	0 55	0 39	0 40	10 19	1 57	4 8	11 10	23 19	23 22	1 1		n.a.
S 4	21 48	8 8	4 58	18 47	3 43	23 56	0 50	23 54	0 54	23 59	0 35	21 55	0 55	0 40	0 40	10 19	1 57	4 8	11 10	23 19	23 21	0 58		n.a.
M 5	21 57	13 11	4 23	18 31	3 54	24 5	0 52	23 58	0 54	23 59	0 35	21 56	0 55	0 40	0 40	10 18	1 57	4 9	11 10	23 18	23 21	0 55		n.a.
T 6	22 6	17 29	3 32	18 16	4 4	24 13	0 54	24 2	0 54	23 58	0 35	21 56	0 55	0 41	0 40	10 18	1 57	4 9	11 10	23 18	23 21	0 53		n.a.
W 7	22 15	20 44	2 28	18 2	4 13	24 21	0 56	24 6	0 55	23 57	0 35	21 57	0 55	0 42	0 40	10 18	1 57	4 9	11 10	23 18	23 21	0 50		n.a.
T 8	22 23	22 43	1 17	17 50	4 20	24 27	0 58	24 10	0 55	23 56	0 35	21 58	0 55	0 43	0 40	10 17	1 57	4 10	11 10	23 18	23 20	0 47		n.a.
F 9	22 31	23 18	0 3	17 39	4 26	24 33	0 59	24 14	0 55	23 55	0 35	21 58	0 56	0 43	0 40	10 17	1 57	4 10	11 10	23 18	23 20	0 45		n.a.
S 10	22 38	22 33	1n10	17 29	4 30	24 39	1 1	24 17	0 56	23 54	0 35	21 59	0 56	0 44	0 40	10 17	1 57	4 10	11 11	23 18	23 20	0 42		n.a.
S 11	22 45	20 37	2 17	17 22	4 32	24 43	1 3	24 20	0 56	23 53	0 35	22 0	0 56	0 44	0 40	10 16	1 57	4 10	11 11	23 18	23 20	0 39		n.a.
M12	22 52	17 42	3 16	17 16	4 33	24 47	1 5	24 23	0 56	23 52	0 35	22 0	0 56	0 45	0 40	10 16	1 57	4 11	11 11	23 18	23 19	0 37		n.a.
T 13	22 58	14 2	4 5	17 13	4 33	24 50	1 6	24 26	0 57	23 51	0 36	22 1	0 56	0 46	0 40	10 16	1 57	4 11	11 11	23 18	23 19	0 34		n.a.
W14	23 4	9 53	4 42	17 11	4 31	24 52	1 8	24 28	0 57	23 50	0 36	22 2	0 56	0 46	0 40	10 15	1 57	4 11	11 11	23 18	23 19	0 31		n.a.
T 15	23 10	5 23	5 6	17 12	4 27	24 54	1 10	24 31	0 57	23 49	0 36	22 2	0 57	0 47	0 40	10 15	1 57	4 12	11 11	23 18	23 19	0 29		n.a.
F 16	23 15	0 44	5 16	17 14	4 22	24 55	1 11	24 33	0 57	23 48	0 36	22 3	0 57	0 47	0 41	10 15	1 57	4 12	11 11	23 18	23 18	0 26		n.a.
S 17	23 20	3n56	5 13	17 19	4 16	24 55	1 13	24 35	0 58	23 47	0 36	22 4	0 57	0 48	0 41	10 14	1 57	4 12	11 11	23 18	23 18	0 23		n.a.
S 18	23 24	8 29	4 57	17 26	4 9	24 54	1 14	24 37	0 58	23 46	0 36	22 5	0 57	0 48	0 41	10 14	1 57	4 12	11 11	23 18	23 18	0 21		n.a.
M19	23 28	12 47	4 27	17 35	4 0	24 52	1 16	24 38	0 58	23 45	0 36	22 5	0 57	0 49	0 41	10 14	1 57	4 12	11 12	23 18	23 18	0 18		n.a.
T 20	23 31	16 37	3 45	17 46	3 50	24 50	1 17	24 40	0 59	23 44	0 36	22 6	0 57	0 49	0 41	10 14	1 57	4 13	11 12	23 18	23 17	0 15		n.a.
W21	23 34	19 48	2 51	17 59	3 40	24 47	1 18	24 41	0 59	23 43	0 36	22 7	0 57	0 50	0 41	10 13	1 57	4 13	11 12	23 18	23 17	0 13		n.a.
T 22	23 37	22 5	1 47	18 13	3 29	24 44	1 20	24 42	0 59	23 41	0 36	22 8	0 58	0 50	0 41	10 13	1 56	4 13	11 12	23 18	23 17	0 10		n.a.
F 23	23 39	23 13	0 36	18 30	3 17	24 39	1 21	24 43	0 59	23 40	0 36	22 9	0 58	0 51	0 41	10 13	1 56	4 13	11 12	23 18	23 17	0 7		n.a.
S 24	23 41	23 3	0s39	18 47	3 4	24 34	1 22	24 44	1 0	23 39	0 36	22 9	0 58	0 51	0 41	10 13	1 56	4 13	11 12	23 18	23 16	0 5		n.a.
S 25	23 42	21 28	1 52	19 6	2 51	24 28	1 23	24 44	1 0	23 38	0 36	22 10	0 58	0 51	0 41	10 13	1 56	4 14	11 12	23 18	23 16	0 2		n.a.
M26	23 43	18 34	3 1	19 27	2 38	24 21	1 24	24 44	1 0	23 36	0 36	22 11	0 58	0 52	0 41	10 12	1 56	4 14	11 12	23 18	23 16	0n 1		n.a.
T 27	23 44	14 32	3 59	19 48	2 24	24 14	1 25	24 44	1 1	23 35	0 36	22 12	0 58	0 52	0 41	10 12	1 56	4 14	11 13	23 18	23 15	0 3		n.a.
W28	23 44	9 39	4 43	20 10	2 10	24 6	1 26	24 44	1 1	23 34	0 36	22 13	0 58	0 52	0 41	10 12	1 56	4 14	11 13	23 18	23 15	0 6		n.a.
T 29	23 44	4 14	5 9	20 33	1 55	23 57	1 27	24 44	1 1	23 32	0 36	22 14	0 59	0 53	0 41	10 12	1 56	4 14	11 13	23 18	23 15	0 8		n.a.
F 30	23n43	1s23	5s16	20n56	1s41	23n48	1n27	24n44	1n 1	23n31	0n37	22s14	0s59	0n53	0s41	10s12	1n56	4n14	11s13	23s18	23s15	0n11		n.a.

Julian Day Number = 1599215.5, Delta T = 04h00m14s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'30, Lahiri = - 8°34'29 Julian Calendar 1 June 335 BCE == Greg. Calendar 27 May 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

JULY 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 16 10	3♋ 1'11	5♎39	13♊53	20♋22	3♋31	14♋56	25°R33	3♈45	1°R 6	9♉40	19°D19	18♐36	18♓46	n.a.	S 1
S 2	18 20 6	3°58'34	19°46	15° 9	21°36	4°10	15° 9	25♏29	3°46	1♏ 6	9°41	19♐20	18°33	18°53	n.a.	S 2
M 3	18 24 3	4°55'58	3♏43	16°31	22°49	4°48	15°22	25°25	3°47	1° 5	9°42	19°21	18°30	18°59	n.a.	M 3
T 4	18 28 0	5°53'22	17°30	17°58	24° 3	5°26	15°35	25°21	3°47	1° 5	9°43	19°22	18°27	19° 6	n.a.	T 4
W 5	18 31 56	6°50'48	1♐ 5	19°29	25°17	6° 5	15°48	25°17	3°48	1° 4	9°44	19°23	18°24	19°13	n.a.	W 5
T 6	18 35 53	7°48'14	14°28	21° 5	26°30	6°43	16° 1	25°13	3°48	1° 4	9°45	19°R24	18°20	19°20	n.a.	T 6
F 7	18 39 49	8°45'41	27°37	22°45	27°44	7°21	16°14	25° 8	3°49	1° 3	9°45	19°24	18°17	19°26	n.a.	F 7
S 8	18 43 46	9°43'10	10♑33	24°28	28°57	7°59	16°27	25° 4	3°49	1° 3	9°46	19°23	18°14	19°33	n.a.	S 8
S 9	18 47 42	10°40'40	23°15	26°15	0♒11	8°38	16°40	25° 0	3°49	1° 3	9°47	19°20	18°11	19°40	n.a.	S 9
M10	18 51 39	11°38'11	5♓44	28° 6	1°25	9°16	16°54	24°55	3°49	1° 2	9°48	19°17	18° 8	19°46	n.a.	M10
T 11	18 55 35	12°35'43	18° 0	29°58	2°38	9°54	17° 7	24°51	3°50	1° 2	9°49	19°14	18° 5	19°53	n.a.	T 11
W12	18 59 32	13°33'17	0♈ 6	1♋54	3°52	10°32	17°20	24°47	3°50	1° 2	9°49	19°10	18° 1	20° 0	n.a.	W12
T 13	19 3 29	14°30'53	12° 4	3°51	5° 6	11°11	17°33	24°42	3°50	1° 2	9°50	19° 6	17°58	20° 7	n.a.	T 13
F 14	19 7 25	15°28'30	23°58	5°50	6°19	11°49	17°46	24°38	3°50	1° 2	9°51	19° 4	17°55	20°13	n.a.	F 14
S 15	19 11 22	16°26'08	5♈51	7°50	7°33	12°27	17°59	24°33	3°R50	1° 2	9°51	19° 2	17°52	20°20	n.a.	S 15
S 16	19 15 18	17°23'49	17°47	9°50	8°46	13° 5	18°12	24°29	3°50	1° 1	9°52	19°D 1	17°49	20°27	n.a.	S 16
M17	19 19 15	18°21'31	29°52	11°52	10° 0	13°44	18°26	24°24	3°50	1° 1	9°52	19° 2	17°45	20°34	n.a.	M17
T 18	19 23 11	19°19'14	12♉10	13°54	11°14	14°22	18°39	24°20	3°50	1° 1	9°53	19° 3	17°42	20°40	n.a.	T 18
W19	19 27 8	20°17'00	24°46	15°55	12°27	15° 0	18°52	24°15	3°50	1°D 1	9°54	19° 5	17°39	20°47	n.a.	W19
T 20	19 31 4	21°14'47	7♊43	17°57	13°41	15°38	19° 5	24°11	3°49	1° 1	9°54	19° 6	17°36	20°54	n.a.	T 20
F 21	19 35 1	22°12'37	21° 3	19°57	14°54	16°16	19°18	24° 6	3°49	1° 1	9°55	19°R 7	17°33	21° 0	n.a.	F 21
S 22	19 38 58	23°10'28	4♋48	21°58	16° 8	16°55	19°31	24° 2	3°49	1° 2	9°55	19° 6	17°30	21° 7	n.a.	S 22
S 23	19 42 54	24° 8'20	18°56	23°57	17°21	17°33	19°44	23°57	3°48	1° 2	9°56	19° 3	17°26	21°14	n.a.	S 23
M24	19 46 51	25° 6'14	3♌23	25°56	18°35	18°11	19°58	23°53	3°48	1° 2	9°56	18°59	17°23	21°21	n.a.	M24
T 25	19 50 47	26° 4'10	18° 4	27°53	19°49	18°49	20°11	23°48	3°47	1° 2	9°57	18°54	17°20	21°27	n.a.	T 25
W26	19 54 44	27° 2'08	2♍49	29°50	21° 2	19°28	20°24	23°43	3°47	1° 2	9°57	18°48	17°17	21°34	n.a.	W26
T 27	19 58 40	28° 0'06	17°34	1♌45	22°16	20° 6	20°37	23°39	3°46	1° 2	9°58	18°43	17°14	21°41	n.a.	T 27
F 28	20 2 37	28°58'07	2♎ 9	3°39	23°29	20°44	20°50	23°34	3°46	1° 3	9°58	18°39	17°11	21°48	n.a.	F 28
S 29	20 6 33	29°56'08	16°31	5°32	24°43	21°22	21° 3	23°30	3°45	1° 3	9°58	18°36	17° 7	21°54	n.a.	S 29
S 30	20 10 30	0♌54'11	0♏36	7°24	25°56	22° 0	21°16	23°25	3°44	1° 3	9°59	18°D36	17° 4	22° 1	n.a.	S 30
M31	20 14 27	1♌52'16	14♏23	9♌15	27♌10	22♋39	21♋29	23♑21	3♈44	1♏ 4	9♉59	18♐36	17♐ 1	22♓ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n42	6s54	5s 3	21n19	1s26	23n37	1n28	24n43	1n 2	23n30	0n37	22s15	0s59	0n53	0s41	10s12	1n56	4n14	11s13	23s18	23s14	0n14		n.a.
S 2	23 40	12 1	4 33	21 42	1 12	23 26	1 29	24 42	1 2	23 28	0 37	22 16	0 59	0 53	0 41	10 11	1 56	4 15	11 13	23 18	23 14	0 16		n.a.
M 3	23 39	16 27	3 46	22 5	0 58	23 15	1 29	24 41	1 2	23 27	0 37	22 17	0 59	0 54	0 41	10 11	1 56	4 15	11 14	23 18	23 14	0 19		n.a.
T 4	23 36	19 56	2 47	22 27	0 44	23 2	1 30	24 40	1 2	23 25	0 37	22 18	0 59	0 54	0 41	10 11	1 56	4 15	11 14	23 18	23 14	0 22		n.a.
W 5	23 33	22 15	1 39	22 49	0 30	22 49	1 30	24 38	1 3	23 24	0 37	22 19	0 59	0 54	0 41	10 11	1 56	4 15	11 14	23 18	23 13	0 24		n.a.
T 6	23 30	23 16	0 27	23 9	0 17	22 36	1 31	24 37	1 3	23 22	0 37	22 20	0 59	0 54	0 41	10 11	1 56	4 15	11 14	23 18	23 13	0 27		n.a.
F 7	23 26	22 58	0n45	23 28	0 4	22 21	1 31	24 35	1 3	23 21	0 37	22 21	1 0	0 54	0 41	10 11	1 56	4 15	11 14	23 18	23 13	0 30		n.a.
S 8	23 22	21 25	1 54	23 46	0n 9	22 7	1 31	24 33	1 3	23 19	0 37	22 22	1 0	0 54	0 41	10 11	1 55	4 15	11 14	23 18	23 12	0 32		n.a.
S 9	23 18	18 49	2 56	24 1	0 20	21 51	1 31	24 30	1 4	23 18	0 37	22 23	1 0	0 54	0 41	10 11	1 55	4 15	11 14	23 18	23 12	0 35		n.a.
M10	23 13	15 24	3 48	24 15	0 32	21 35	1 32	24 28	1 4	23 16	0 37	22 23	1 0	0 55	0 41	10 11	1 55	4 15	11 15	23 18	23 12	0 37		n.a.
T 11	23 8	11 22	4 28	24 26	0 42	21 18	1 32	24 25	1 4	23 15	0 37	22 24	1 0	0 55	0 41	10 11	1 55	4 15	11 15	23 18	23 12	0 40		n.a.
W12	23 2	6 57	4 56	24 35	0 52	21 0	1 32	24 23	1 4	23 13	0 37	22 25	1 0	0 55	0 41	10 11	1 55	4 15	11 15	23 17	23 11	0 43		n.a.
T 13	22 56	2 20	5 11	24 42	1 1	20 42	1 31	24 20	1 4	23 11	0 38	22 26	1 0	0 55	0 41	10 11	1 55	4 15	11 15	23 17	23 11	0 45		n.a.
F 14	22 50	2n21	5 12	24 45	1 9	20 24	1 31	24 17	1 5	23 10	0 38	22 27	1 0	0 55	0 41	10 11	1 55	4 15	11 15	23 17	23 11	0 48		n.a.
S 15	22 43	6 56	5 0	24 46	1 16	20 4	1 31	24 13	1 5	23 8	0 38	22 28	1 0	0 55	0 41	10 11	1 55	4 15	11 16	23 17	23 10	0 51		n.a.
S 16	22 35	11 17	4 35	24 45	1 23	19 45	1 31	24 10	1 5	23 6	0 38	22 29	1 1	0 55	0 41	10 11	1 55	4 15	11 16	23 16	23 10	0 53		n.a.
M17	22 28	15 15	3 57	24 40	1 29	19 24	1 30	24 6	1 5	23 4	0 38	22 30	1 1	0 55	0 41	10 11	1 55	4 15	11 16	23 17	23 10	0 56		n.a.
T 18	22 19	18 40	3 8	24 33	1 34	19 4	1 30	24 2	1 6	23 3	0 38	22 31	1 1	0 54	0 41	10 11	1 55	4 15	11 16	23 17	23 10	0 58		n.a.
W19	22 11	21 17	2 9	24 23	1 38	18 42	1 29	23 58	1 6	23 1	0 38	22 32	1 1	0 54	0 42	10 11	1 55	4 15	11 16	23 17	23 9	1 1		n.a.
T 20	22 2	22 53	1 2	24 11	1 41	18 20	1 29	23 54	1 6	22 59	0 38	22 33	1 1	0 54	0 42	10 11	1 55	4 15	11 16	23 17	23 9	1 4		n.a.
F 21	21 53	23 15	0s11	23 56	1 44	17 58	1 28	23 49	1 6	22 57	0 38	22 33	1 1	0 54	0 42	10 11	1 55	4 15	11 17	23 17	23 9	1 6		n.a.
S 22	21 43	22 14	1 25	23 39	1 46	17 35	1 27	23 45	1 6	22 56	0 38	22 34	1 1	0 54	0 42	10 11	1 55	4 15	11 17	23 17	23 8	1 9		n.a.
S 23	21 33	19 49	2 35	23 20	1 47	17 12	1 26	23 40	1 7	22 54	0 38	22 35	1 1	0 54	0 42	10 11	1 54	4 15	11 17	23 17	23 8	1 12		n.a.
M24	21 23	16 7	3 38	22 59	1 47	16 48	1 26	23 35	1 7	22 52	0 38	22 36	1 1	0 54	0 42	10 11	1 54	4 15	11 17	23 16	23 8	1 14		n.a.
T 25	21 12	11 23	4 26	22 35	1 47	16 23	1 25	23 30	1 7	22 50	0 39	22 37	1 1	0 53	0 42	10 12	1 54	4 15	11 17	23 16	23 7	1 17		n.a.
W26	21 1	5 58	4 58	22 10	1 46	15 59	1 24	23 25	1 7	22 48	0 39	22 38	1 1	0 53	0 42	10 12	1 54	4 15	11 18	23 15	23 7	1 19		n.a.
T 27	20 49	0 14	5 10	21 43	1 45	15 34	1 22	23 19	1 7	22 46	0 39	22 39	1 2	0 53	0 42	10 12	1 54	4 15	11 18	23 15	23 7	1 22		n.a.
F 28	20 37	5s28	5 1	21 15	1 43	15 8	1 21	23 14	1 8	22 44	0 39	22 40	1 2	0 53	0 42	10 12	1 54	4 15	11 18	23 15	23 6	1 25		n.a.
S 29	20 25	10 46	4 34	20 45	1 41	14 42	1 20	23 8	1 8	22 42	0 39	22 41	1 2	0 52	0 42	10 12	1 54	4 15	11 18	23 14	23 6	1 27		n.a.
S 30	20 12	15 25	3 51	20 14	1 38	14 16	1 19	23 2	1 8	22 40	0 39	22 41	1 2	0 52	0 42	10 12	1 54	4 15	11 18	23 14	23 6	1 30		n.a.
M31	19n59	19s 8	2s55	19n41	1n35	13n49	1n17	22n56	1n 8	22n38	0n39	22s42	1s 2	0n52	0s42	10s13	1n54	4n15	11s19	23s14	23s 6	1n32		n.a.

Julian Day Number = 1599245.5, Delta T = 04h00m13s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'25, Lahiri = - 8°34'25 Julian Calendar 1 July 335 BCE == Greg. Calendar 26 June 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

AUGUST 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 18 23	2♌50'22	27♏54	11♌ 4	28♌23	23♋17	21♋42	23°R16	3°R43	1♏ 4	9♉59	18♐37	16♐58	22♓14	n.a.	T 1
W 2	20 22 20	3°48'30	11♐ 8	12°52	29°36	23°55	21°55	23♑12	3♈42	1° 5	10° 0	18°39	16°55	22°21	n.a.	W 2
T 3	20 26 16	4°46'39	24° 9	14°39	0♍50	24°33	22° 8	23° 8	3°41	1° 5	10° 0	18°R39	16°51	22°28	n.a.	T 3
F 4	20 30 13	5°44'50	6♑57	16°24	2° 3	25°11	22°21	23° 3	3°40	1° 6	10° 0	18°37	16°48	22°35	n.a.	F 4
S 5	20 34 9	6°43'03	19°33	18° 8	3°17	25°50	22°34	22°59	3°39	1° 6	10° 0	18°33	16°45	22°41	n.a.	S 5
S 6	20 38 6	7°41'18	2♒ 0	19°52	4°30	26°28	22°47	22°54	3°38	1° 7	10° 1	18°27	16°42	22°48	n.a.	S 6
M 7	20 42 2	8°39'34	14°17	21°34	5°43	27° 6	23° 0	22°50	3°37	1° 7	10° 1	18°19	16°39	22°55	n.a.	M 7
T 8	20 45 59	9°37'52	26°25	23°14	6°57	27°44	23°13	22°46	3°36	1° 8	10° 1	18°10	16°36	23° 2	n.a.	T 8
W 9	20 49 56	10°36'12	8♓26	24°54	8°10	28°22	23°26	22°42	3°35	1° 9	10° 1	18° 0	16°32	23° 8	n.a.	W 9
T 10	20 53 52	11°34'35	20°22	26°32	9°23	29° 1	23°38	22°37	3°33	1°10	10° 1	17°50	16°29	23°15	n.a.	T 10
F 11	20 57 49	12°32'59	2♈13	28°10	10°37	29°39	23°51	22°33	3°32	1°10	10° 1	17°42	16°26	23°22	n.a.	F 11
S 12	21 1 45	13°31'26	14° 5	29°46	11°50	0♌17	24° 4	22°29	3°31	1°11	10° 1	17°35	16°23	23°28	n.a.	S 12
S 13	21 5 42	14°29'54	25°59	1♍21	13° 3	0°55	24°17	22°25	3°30	1°12	10° 1	17°31	16°20	23°35	n.a.	S 13
M14	21 9 38	15°28'26	8♉ 1	2°55	14°16	1°33	24°29	22°21	3°28	1°13	10° 1	17°29	16°17	23°42	n.a.	M14
T 15	21 13 35	16°26'59	20°16	4°28	15°30	2°12	24°42	22°17	3°27	1°14	10°R 1	17°D29	16°13	23°49	n.a.	T 15
W16	21 17 31	17°25'35	2♊48	6° 0	16°43	2°50	24°55	22°13	3°25	1°14	10° 1	17°30	16°10	23°55	n.a.	W16
T 17	21 21 28	18°24'13	15°42	7°31	17°56	3°28	25° 7	22° 9	3°24	1°15	10° 1	17°R30	16° 7	24° 2	n.a.	T 17
F 18	21 25 24	19°22'53	29° 2	9° 0	19° 9	4° 6	25°20	22° 6	3°22	1°16	10° 1	17°30	16° 4	24° 9	n.a.	F 18
S 19	21 29 21	20°21'36	12♋51	10°29	20°22	4°45	25°32	22° 2	3°21	1°17	10° 1	17°27	16° 1	24°15	n.a.	S 19
S 20	21 33 18	21°20'21	27° 8	11°57	21°36	5°23	25°45	21°58	3°19	1°18	10° 1	17°22	15°57	24°22	n.a.	S 20
M21	21 37 14	22°19'09	11♌50	13°23	22°49	6° 1	25°57	21°55	3°17	1°19	10° 1	17°15	15°54	24°29	n.a.	M21
T 22	21 41 11	23°17'58	26°50	14°48	24° 2	6°39	26°10	21°51	3°16	1°20	10° 1	17° 6	15°51	24°36	n.a.	T 22
W23	21 45 7	24°16'49	11♍59	16°13	25°15	7°18	26°22	21°48	3°14	1°22	10° 1	16°55	15°48	24°42	n.a.	W23
T 24	21 49 4	25°15'42	27° 6	17°36	26°28	7°56	26°34	21°44	3°12	1°23	10° 1	16°46	15°45	24°49	n.a.	T 24
F 25	21 53 0	26°14'38	12♎ 2	18°57	27°41	8°34	26°47	21°41	3°10	1°24	10° 0	16°38	15°42	24°56	n.a.	F 25
S 26	21 56 57	27°13'35	26°39	20°18	28°54	9°12	26°59	21°38	3° 8	1°25	10° 0	16°32	15°38	25° 3	n.a.	S 26
S 27	22 0 53	28°12'34	10♏53	21°37	0♎ 7	9°51	27°11	21°34	3° 7	1°26	10° 0	16°29	15°35	25° 9	n.a.	S 27
M28	22 4 50	29°11'35	24°42	22°55	1°20	10°29	27°23	21°31	3° 5	1°28	10° 0	16°D28	15°32	25°16	n.a.	M28
T 29	22 8 47	0♍10'38	8♐ 7	24°12	2°33	11° 7	27°35	21°28	3° 3	1°29	9°59	16°28	15°29	25°23	n.a.	T 29
W30	22 12 43	1° 9'42	21°12	25°27	3°46	11°45	27°47	21°25	3° 1	1°30	9°59	16°R28	15°26	25°29	n.a.	W30
T 31	22 16 40	2♍ 8'49	3♑59	26♍41	4♎59	12♌24	27♋59	21♑22	2♈59	1♏32	9♉59	16♐27	15♐23	25♓36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n46	21s43	1s50	19n 8	1n31	13n22	1n16	22n49	1n 8	22n36	0n39	22s43	1s 2	0n51	0s42	10s13	1n54	4n15	11s19	23s14	23s 5	1n35			n.a.
W 2	19 32	23 3	0 41	18 33	1 27	12 54	1 14	22 43	1 9	22 34	0 39	22 44	1 2	0 51	0 42	10 13	1 54	4 15	11 19	23 15	23 5	1 38			n.a.
T 3	19 18	23 7	0n30	17 57	1 23	12 27	1 13	22 36	1 9	22 32	0 39	22 45	1 2	0 50	0 42	10 13	1 54	4 15	11 19	23 15	23 5	1 40			n.a.
F 4	19 4	21 56	1 37	17 21	1 18	11 59	1 11	22 29	1 9	22 30	0 40	22 46	1 2	0 50	0 42	10 13	1 54	4 14	11 19	23 14	23 4	1 43			n.a.
S 5	18 49	19 40	2 39	16 44	1 13	11 30	1 9	22 22	1 9	22 28	0 40	22 46	1 2	0 50	0 42	10 14	1 54	4 14	11 20	23 14	23 4	1 45			n.a.
S 6	18 34	16 31	3 32	16 6	1 7	11 2	1 8	22 15	1 9	22 26	0 40	22 47	1 2	0 49	0 42	10 14	1 54	4 14	11 20	23 14	23 4	1 48			n.a.
M 7	18 19	12 42	4 14	15 28	1 2	10 33	1 6	22 8	1 9	22 24	0 40	22 48	1 2	0 49	0 42	10 14	1 53	4 14	11 20	23 13	23 3	1 51			n.a.
T 8	18 4	8 25	4 44	14 49	0 56	10 3	1 4	22 0	1 10	22 22	0 40	22 49	1 2	0 48	0 42	10 15	1 53	4 14	11 20	23 12	23 3	1 53			n.a.
W 9	17 48	3 52	5 1	14 10	0 50	9 34	1 2	21 53	1 10	22 20	0 40	22 49	1 2	0 48	0 42	10 15	1 53	4 14	11 20	23 11	23 3	1 56			n.a.
T 10	17 31	0n48	5 5	13 30	0 43	9 4	1 0	21 45	1 10	22 18	0 40	22 50	1 2	0 47	0 42	10 15	1 53	4 14	11 21	23 10	23 2	1 58			n.a.
F 11	17 15	5 24	4 56	12 50	0 37	8 34	0 58	21 37	1 10	22 16	0 40	22 51	1 3	0 47	0 42	10 15	1 53	4 13	11 21	23 9	23 2	2 1			n.a.
S 12	16 58	9 49	4 34	12 10	0 30	8 4	0 56	21 29	1 10	22 14	0 40	22 52	1 3	0 46	0 42	10 16	1 53	4 13	11 21	23 9	23 2	2 3			n.a.
S 13	16 41	13 52	4 0	11 29	0 23	7 33	0 53	21 21	1 10	22 11	0 41	22 52	1 3	0 46	0 42	10 16	1 53	4 13	11 21	23 8	23 1	2 6			n.a.
M14	16 24	17 25	3 15	10 48	0 16	7 3	0 51	21 12	1 10	22 9	0 41	22 53	1 3	0 45	0 42	10 17	1 53	4 13	11 22	23 8	23 1	2 9			n.a.
T 15	16 6	20 17	2 20	10 8	0 9	6 32	0 49	21 4	1 11	22 7	0 41	22 54	1 3	0 44	0 42	10 17	1 53	4 13	11 22	23 8	23 1	2 11			n.a.
W16	15 48	22 15	1 18	9 27	0 1	6 1	0 46	20 55	1 11	22 5	0 41	22 54	1 3	0 44	0 42	10 17	1 53	4 13	11 22	23 8	23 0	2 14			n.a.
T 17	15 30	23 7	0 10	8 46	0s 6	5 30	0 44	20 46	1 11	22 3	0 41	22 55	1 3	0 43	0 42	10 18	1 53	4 12	11 22	23 8	23 0	2 16			n.a.
F 18	15 11	22 43	1s 1	8 5	0 14	4 59	0 42	20 37	1 11	22 1	0 41	22 56	1 3	0 43	0 42	10 18	1 53	4 12	11 22	23 8	23 0	2 19			n.a.
S 19	14 53	20 56	2 11	7 24	0 21	4 27	0 39	20 28	1 11	21 58	0 41	22 56	1 3	0 42	0 42	10 18	1 53	4 12	11 23	23 8	22 59	2 21			n.a.
S 20	14 34	17 49	3 14	6 43	0 29	3 56	0 36	20 19	1 11	21 56	0 41	22 57	1 3	0 41	0 42	10 19	1 53	4 12	11 23	23 8	22 59	2 24			n.a.
M21	14 15	13 30	4 7	6 3	0 37	3 24	0 34	20 9	1 11	21 54	0 42	22 58	1 3	0 41	0 42	10 19	1 53	4 11	11 23	23 7	22 59	2 27			n.a.
T 22	13 55	8 17	4 44	5 22	0 45	2 52	0 31	20 0	1 12	21 52	0 42	22 58	1 3	0 40	0 42	10 20	1 53	4 11	11 23	23 6	22 58	2 29			n.a.
W23	13 35	2 31	5 1	4 42	0 52	2 21	0 28	19 50	1 12	21 49	0 42	22 59	1 3	0 39	0 42	10 20	1 52	4 11	11 23	23 5	22 58	2 32			n.a.
T 24	13 16	3s22	4 57	4 2	1 0	1 49	0 26	19 40	1 12	21 47	0 42	22 59	1 3	0 38	0 42	10 21	1 52	4 11	11 24	23 4	22 58	2 34			n.a.
F 25	12 55	9 0	4 33	3 23	1 8	1 17	0 23	19 30	1 12	21 45	0 42	23 0	1 3	0 38	0 42	10 21	1 52	4 10	11 24	23 3	22 57	2 37			n.a.
S 26	12 35	14 0	3 52	2 44	1 16	0 45	0 20	19 20	1 12	21 43	0 42	23 1	1 3	0 37	0 42	10 22	1 52	4 10	11 24	23 3	22 57	2 39			n.a.
S 27	12 15	18 4	2 57	2 5	1 24	0 13	0 17	19 10	1 12	21 40	0 42	23 1	1 3	0 36	0 42	10 22	1 52	4 10	11 24	23 2	22 57	2 42			n.a.
M28	11 54	21 0	1 53	1 27	1 32	0s19	0 14	18 59	1 12	21 38	0 43	23 2	1 3	0 35	0 42	10 23	1 52	4 10	11 24	23 2	22 56	2 45			n.a.
T 29	11 33	22 40	0 44	0 49	1 39	0 51	0 11	18 49	1 12	21 36	0 43	23 2	1 3	0 35	0 43	10 23	1 52	4 9	11 25	23 2	22 56	2 47			n.a.
W30	11 12	23 1	0n25	0 12	1 47	1 23	0 8	18 38	1 12	21 34	0 43	23 3	1 3	0 34	0 43	10 24	1 52	4 9	11 25	23 2	22 56	2 50			n.a.
T 31	10n50	22s 9	1n31	0s25	1s54	1s55	0n 5	18n27	1n13	21n31	0n43	23s 3	1s 3	0n33	0s43	10s24	1n52	4n 9	11s25	23s 2	22s55	2n52			n.a.

Julian Day Number = 1599276.5, Delta T = 04h00m12s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'21, Lahiri = - 8°34'21 Julian Calendar 1 Aug. 335 BCE == Greg. Calendar 27 July 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

SEPTEMBER 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 20 36	3♍ 7'57	16♉31	27♍52	6♎12	13♌ 2	28♋11	21°R19	2°R57	1♏33	9°R58	16°R23	15♐19	25♓43	n.a.	F 1
S 2	22 24 33	4° 7'08	28°53	29° 3	7°25	13°40	28°23	21♉17	2♈55	1°34	9♉58	16♐17	15°16	25°50	n.a.	S 2
S 3	22 28 29	5° 6'20	11♒ 6	0♎11	8°37	14°19	28°35	21°14	2°53	1°36	9°58	16° 8	15°13	25°56	n.a.	S 3
M 4	22 32 26	6° 5'34	23°11	1°17	9°50	14°57	28°46	21°12	2°51	1°37	9°57	15°56	15°10	26° 3	n.a.	M 4
T 5	22 36 22	7° 4'51	5♓12	2°21	11° 3	15°35	28°58	21° 9	2°48	1°39	9°57	15°43	15° 7	26°10	n.a.	T 5
W 6	22 40 19	8° 4'09	17° 8	3°23	12°16	16°13	29° 9	21° 7	2°46	1°40	9°56	15°28	15° 3	26°16	n.a.	W 6
T 7	22 44 15	9° 3'30	29° 1	4°22	13°28	16°52	29°21	21° 4	2°44	1°42	9°56	15°14	15° 0	26°23	n.a.	T 7
F 8	22 48 12	10° 2'53	10♈52	5°18	14°41	17°30	29°32	21° 2	2°42	1°43	9°55	15° 2	14°57	26°30	n.a.	F 8
S 9	22 52 9	11° 2'18	22°44	6°12	15°54	18° 8	29°44	21° 0	2°40	1°45	9°55	14°52	14°54	26°37	n.a.	S 9
S 10	22 56 5	12° 1'46	4♉38	7° 2	17° 6	18°47	29°55	20°58	2°37	1°46	9°54	14°44	14°51	26°43	n.a.	S 10
M11	23 0 2	13° 1'16	16°40	7°48	18°19	19°25	0♌ 6	20°56	2°35	1°48	9°54	14°40	14°48	26°50	n.a.	M11
T 12	23 3 58	14° 0'48	28°52	8°30	19°31	20° 3	0°17	20°54	2°33	1°50	9°53	14°38	14°44	26°57	n.a.	T 12
W13	23 7 55	15° 0'23	11♊20	9° 8	20°44	20°42	0°28	20°53	2°31	1°51	9°53	14°38	14°41	27° 4	n.a.	W13
T 14	23 11 51	16° 0'00	24° 9	9°42	21°56	21°20	0°39	20°51	2°28	1°53	9°52	14°38	14°38	27°10	n.a.	T 14
F 15	23 15 48	16°59'40	7♋22	10° 9	23° 9	21°58	0°50	20°49	2°26	1°55	9°52	14°37	14°35	27°17	n.a.	F 15
S 16	23 19 44	17°59'22	21° 4	10°32	24°21	22°37	1° 1	20°48	2°23	1°56	9°51	14°34	14°32	27°24	n.a.	S 16
S 17	23 23 41	18°59'07	5♌17	10°48	25°34	23°15	1°12	20°47	2°21	1°58	9°50	14°28	14°28	27°30	n.a.	S 17
M18	23 27 38	19°58'53	19°57	10°57	26°46	23°54	1°23	20°45	2°19	2° 0	9°50	14°20	14°25	27°37	n.a.	M18
T 19	23 31 34	20°58'42	5♍ 1	10°R58	27°58	24°32	1°33	20°44	2°16	2° 2	9°49	14°10	14°22	27°44	n.a.	T 19
W20	23 35 31	21°58'33	20°19	10°52	29°10	25°10	1°44	20°43	2°14	2° 4	9°48	13°58	14°19	27°51	n.a.	W20
T 21	23 39 27	22°58'26	5♎39	10°38	0♏23	25°49	1°54	20°42	2°11	2° 5	9°47	13°47	14°16	27°57	n.a.	T 21
F 22	23 43 24	23°58'21	20°51	10°14	1°35	26°27	2° 4	20°41	2° 9	2° 7	9°47	13°38	14°13	28° 4	n.a.	F 22
S 23	23 47 20	24°58'18	5♏44	9°42	2°47	27° 6	2°15	20°41	2° 7	2° 9	9°46	13°31	14° 9	28°11	n.a.	S 23
S 24	23 51 17	25°58'17	20°11	9° 1	3°59	27°44	2°25	20°40	2° 4	2°11	9°45	13°27	14° 6	28°17	n.a.	S 24
M25	23 55 13	26°58'18	4♐10	8°11	5°11	28°22	2°35	20°39	2° 2	2°13	9°44	13°25	14° 3	28°24	n.a.	M25
T 26	23 59 10	27°58'21	17°41	7°12	6°23	29° 1	2°45	20°39	1°59	2°15	9°44	13°D25	14° 0	28°31	n.a.	T 26
W27	0 3 6	28°58'25	0♉46	6° 7	7°35	29°39	2°54	20°39	1°57	2°17	9°43	13°R25	13°57	28°38	n.a.	W27
T 28	0 7 3	29°58'31	13°30	4°55	8°47	0♍18	3° 4	20°38	1°54	2°19	9°42	13°24	13°54	28°44	n.a.	T 28
F 29	0 11 0	0♎58'38	25°57	3°40	9°59	0°56	3°14	20°38	1°52	2°21	9°41	13°21	13°50	28°51	n.a.	F 29
S 30	0 14 56	1♎58'47	8♒10	2♎22	11♏11	1♍35	3♌23	20°D38	1♈49	2♏23	9♉40	13♐16	13♐47	28♓58	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n29	20s11	2n32	1s 0	2s 2	2s27	0n 2	18n16	1n13	21n29	0n43	23s 4	1s 3	0n32	0s43	10s25	1n52	4n 9	11s25	23s 2	22s55	2n55		n.a.
S 2	10 7	17 18	3 24	1 35	2 9	2 59	0s 1	18 5	1 13	21 27	0 43	23 4	1 3	0 31	0 43	10 25	1 52	4 8	11 25	23 1	22 55	2 57		n.a.
S 3	9 45	13 43	4 6	2 9	2 16	3 31	0 4	17 54	1 13	21 25	0 43	23 4	1 3	0 30	0 43	10 26	1 52	4 8	11 26	23 0	22 54	3 0		n.a.
M 4	9 23	9 36	4 37	2 42	2 23	4 3	0 7	17 43	1 13	21 22	0 44	23 5	1 3	0 30	0 43	10 26	1 52	4 8	11 26	22 59	22 54	3 2		n.a.
T 5	9 1	5 9	4 55	3 14	2 30	4 35	0 10	17 31	1 13	21 20	0 44	23 5	1 3	0 29	0 43	10 27	1 52	4 7	11 26	22 57	22 54	3 5		n.a.
W 6	8 39	0 33	4 59	3 45	2 36	5 7	0 13	17 20	1 13	21 18	0 44	23 6	1 3	0 28	0 43	10 27	1 52	4 7	11 26	22 56	22 53	3 7		n.a.
T 7	8 16	4n 3	4 51	4 14	2 43	5 38	0 17	17 8	1 13	21 15	0 44	23 6	1 3	0 27	0 43	10 28	1 52	4 7	11 26	22 54	22 53	3 10		n.a.
F 8	7 54	8 29	4 30	4 42	2 49	6 10	0 20	16 57	1 13	21 13	0 44	23 6	1 3	0 26	0 43	10 29	1 52	4 6	11 26	22 53	22 52	3 12		n.a.
S 9	7 31	12 37	3 58	5 9	2 54	6 41	0 23	16 45	1 13	21 11	0 44	23 7	1 3	0 25	0 43	10 29	1 52	4 6	11 27	22 52	22 52	3 15		n.a.
S 10	7 8	16 16	3 14	5 34	2 59	7 12	0 26	16 33	1 14	21 9	0 45	23 7	1 3	0 24	0 43	10 30	1 51	4 6	11 27	22 51	22 52	3 18		n.a.
M11	6 45	19 17	2 22	5 56	3 4	7 43	0 30	16 21	1 14	21 6	0 45	23 7	1 3	0 23	0 43	10 30	1 51	4 5	11 27	22 50	22 51	3 20		n.a.
T 12	6 22	21 29	1 22	6 17	3 8	8 14	0 33	16 8	1 14	21 4	0 45	23 8	1 3	0 22	0 43	10 31	1 51	4 5	11 27	22 50	22 51	3 23		n.a.
W13	5 59	22 42	0 17	6 36	3 12	8 45	0 36	15 56	1 14	21 2	0 45	23 8	1 3	0 21	0 43	10 32	1 51	4 5	11 27	22 50	22 51	3 25		n.a.
T 14	5 35	22 46	0s50	6 52	3 14	9 15	0 39	15 44	1 14	21 0	0 45	23 8	1 3	0 21	0 43	10 32	1 51	4 4	11 27	22 50	22 50	3 28		n.a.
F 15	5 12	21 35	1 57	7 5	3 17	9 46	0 43	15 31	1 14	20 57	0 45	23 8	1 3	0 20	0 43	10 33	1 51	4 4	11 28	22 50	22 50	3 30		n.a.
S 16	4 48	19 6	3 0	7 15	3 18	10 16	0 46	15 19	1 14	20 55	0 46	23 8	1 3	0 19	0 43	10 33	1 51	4 4	11 28	22 50	22 50	3 33		n.a.
S 17	4 25	15 24	3 54	7 21	3 18	10 46	0 49	15 6	1 14	20 53	0 46	23 9	1 3	0 18	0 43	10 34	1 51	4 3	11 28	22 49	22 49	3 35		n.a.
M18	4 1	10 41	4 34	7 24	3 18	11 16	0 53	14 53	1 14	20 51	0 46	23 9	1 3	0 17	0 43	10 35	1 51	4 3	11 28	22 48	22 49	3 38		n.a.
T 19	3 37	5 12	4 57	7 23	3 16	11 45	0 56	14 40	1 14	20 49	0 46	23 9	1 3	0 16	0 43	10 35	1 51	4 3	11 28	22 47	22 48	3 40		n.a.
W20	3 13	0s41	4 59	7 18	3 12	12 14	0 59	14 27	1 14	20 46	0 46	23 9	1 3	0 15	0 43	10 36	1 51	4 2	11 28	22 46	22 48	3 43		n.a.
T 21	2 49	6 32	4 39	7 8	3 8	12 43	1 2	14 14	1 14	20 44	0 46	23 9	1 3	0 14	0 43	10 37	1 51	4 2	11 29	22 44	22 48	3 45		n.a.
F 22	2 25	11 56	4 0	6 52	3 1	13 12	1 6	14 1	1 14	20 42	0 47	23 9	1 3	0 13	0 43	10 37	1 51	4 2	11 29	22 43	22 47	3 48		n.a.
S 23	2 1	16 30	3 5	6 32	2 53	13 40	1 9	13 48	1 14	20 40	0 47	23 9	1 3	0 12	0 43	10 38	1 51	4 1	11 29	22 42	22 47	3 50		n.a.
S 24	1 37	19 56	2 0	6 7	2 43	14 8	1 12	13 34	1 14	20 38	0 47	23 10	1 3	0 11	0 43	10 39	1 51	4 1	11 29	22 42	22 47	3 53		n.a.
M25	1 13	22 2	0 49	5 36	2 32	14 36	1 15	13 21	1 14	20 36	0 47	23 10	1 3	0 10	0 43	10 40	1 51	4 1	11 29	22 41	22 46	3 55		n.a.
T 26	0 49	22 47	0n23	5 0	2 18	15 3	1 18	13 7	1 14	20 33	0 47	23 10	1 3	0 9	0 43	10 40	1 51	4 0	11 29	22 41	22 46	3 58		n.a.
W27	0 25	22 13	1 31	4 20	2 2	15 30	1 22	12 54	1 14	20 31	0 48	23 10	1 3	0 8	0 43	10 41	1 51	4 0	11 29	22 41	22 45	4 0		n.a.
T 28	0 1	20 31	2 32	3 35	1 45	15 56	1 25	12 40	1 15	20 29	0 48	23 10	1 3	0 7	0 43	10 42	1 51	3 59	11 29	22 41	22 45	4 3		n.a.
F 29	0s24	17 52	3 25	2 48	1 27	16 23	1 28	12 26	1 15	20 27	0 48	23 10	1 3	0 6	0 43	10 42	1 51	3 59	11 30	22 41	22 45	4 5		n.a.
S 30	0s48	14s28	4n 8	1s59	1s 7	16s48	1s31	12n12	1n15	20n25	0n48	23s10	1s 3	0n 5	0s43	10s43	1n51	3n59	11s30	22s40	22s44	4n 8		n.a.

Julian Day Number = 1599307.5, Delta T = 04h00m11s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'17, Lahiri = - 8°34'17 Julian Calendar 1 Sept. 335 BCE == Greg. Calendar 27 Aug. 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

OCTOBER 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 18 53	2♎58'58	20♒14	1°R 5	12♏23	2♍13	3♌33	20♑38	1°R47	2♏25	9°R39	13°R 8	13♐44	29♓ 4	n.a.	S 1
M 2	0 22 49	3°59'11	2♓12	29♍51	13°35	2°52	3°42	20°38	1♈44	2°27	9♉38	12♐57	13°41	29°11	n.a.	M 2
T 3	0 26 46	4°59'25	14° 7	28°41	14°46	3°30	3°51	20°39	1°42	2°29	9°37	12°45	13°38	29°18	n.a.	T 3
W 4	0 30 42	5°59'41	25°59	27°39	15°58	4° 8	4° 0	20°39	1°40	2°31	9°37	12°32	13°34	29°25	n.a.	W 4
T 5	0 34 39	6°59'59	7♈52	26°47	17° 9	4°47	4° 9	20°40	1°37	2°33	9°36	12°19	13°31	29°31	n.a.	T 5
F 6	0 38 35	8° 0'19	19°45	26° 4	18°21	5°25	4°18	20°40	1°35	2°35	9°35	12° 7	13°28	29°38	n.a.	F 6
S 7	0 42 32	9° 0'40	1♉42	25°33	19°32	6° 4	4°27	20°41	1°32	2°37	9°34	11°58	13°25	29°45	n.a.	S 7
S 8	0 46 29	10° 1'04	13°42	25°13	20°44	6°42	4°35	20°42	1°30	2°39	9°33	11°51	13°22	29°51	n.a.	S 8
M 9	0 50 25	11° 1'29	25°49	25°D 5	21°55	7°21	4°44	20°43	1°27	2°41	9°32	11°48	13°19	29°58	n.a.	M 9
T 10	0 54 22	12° 1'57	8♊ 6	25° 8	23° 6	7°59	4°52	20°44	1°25	2°43	9°31	11°D46	13°15	0♈ 5	n.a.	T 10
W11	0 58 18	13° 2'26	20°36	25°23	24°17	8°38	5° 1	20°45	1°22	2°46	9°30	11°46	13°12	0°12	n.a.	W11
T 12	1 2 15	14° 2'58	3♋23	25°47	25°29	9°17	5° 9	20°46	1°20	2°48	9°29	11°47	13° 9	0°18	n.a.	T 12
F 13	1 6 11	15° 3'31	16°31	26°20	26°40	9°55	5°17	20°47	1°18	2°50	9°28	11°R48	13° 6	0°25	n.a.	F 13
S 14	1 10 8	16° 4'06	0♌ 4	27° 2	27°51	10°34	5°25	20°49	1°15	2°52	9°27	11°47	13° 3	0°32	n.a.	S 14
S 15	1 14 4	17° 4'44	14° 4	27°50	29° 2	11°12	5°32	20°50	1°13	2°54	9°26	11°44	13° 0	0°39	n.a.	S 15
M16	1 18 1	18° 5'23	28°30	28°46	0♐12	11°51	5°40	20°52	1°11	2°57	9°25	11°38	12°56	0°45	n.a.	M16
T 17	1 21 58	19° 6'03	13♍20	29°47	1°23	12°29	5°47	20°54	1° 8	2°59	9°23	11°31	12°53	0°52	n.a.	T 17
W18	1 25 54	20° 6'46	28°28	0♎53	2°34	13° 8	5°55	20°56	1° 6	3° 1	9°22	11°23	12°50	0°59	n.a.	W18
T 19	1 29 51	21° 7'30	13♎43	2° 4	3°45	13°46	6° 2	20°57	1° 4	3° 3	9°21	11°15	12°47	1° 5	n.a.	T 19
F 20	1 33 47	22° 8'16	28°55	3°18	4°55	14°25	6° 9	21° 0	1° 1	3° 5	9°20	11° 8	12°44	1°12	n.a.	F 20
S 21	1 37 44	23° 9'03	13♏53	4°35	6° 6	15° 4	6°16	21° 2	0°59	3° 8	9°19	11° 3	12°40	1°19	n.a.	S 21
S 22	1 41 40	24° 9'52	28°29	5°55	7°16	15°42	6°23	21° 4	0°57	3°10	9°18	11° 0	12°37	1°26	n.a.	S 22
M23	1 45 37	25°10'42	12♐38	7°17	8°26	16°21	6°29	21° 6	0°55	3°12	9°17	10°D59	12°34	1°32	n.a.	M23
T 24	1 49 33	26°11'33	26°19	8°41	9°36	16°59	6°36	21° 9	0°53	3°14	9°16	11° 0	12°31	1°39	n.a.	T 24
W25	1 53 30	27°12'25	9♑32	10° 7	10°46	17°38	6°42	21°11	0°50	3°17	9°15	11° 2	12°28	1°46	n.a.	W25
T 26	1 57 27	28°13'18	22°21	11°34	11°56	18°17	6°48	21°14	0°48	3°19	9°14	11°R 3	12°25	1°52	n.a.	T 26
F 27	2 1 23	29°14'13	4♒49	13° 2	13° 6	18°55	6°54	21°17	0°46	3°21	9°12	11° 3	12°21	1°59	n.a.	F 27
S 28	2 5 20	0♏15'08	17° 2	14°31	14°16	19°34	7° 0	21°20	0°44	3°23	9°11	11° 1	12°18	2° 6	n.a.	S 28
S 29	2 9 16	1°16'04	29° 4	16° 1	15°26	20°13	7° 5	21°22	0°42	3°26	9°10	10°58	12°15	2°13	n.a.	S 29
M30	2 13 13	2°17'01	10♓59	17°31	16°35	20°51	7°11	21°25	0°40	3°28	9° 9	10°52	12°12	2°19	n.a.	M30
T 31	2 17 9	3♏17'58	22♓50	19♎ 2	17♐45	21♍30	7♌16	21♑29	0♈38	3♏30	9♉ 8	10♐46	12♐ 9	2♈26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	1s12	10s31	4n38	1s 9	0s47	17s14	1s34	11n58	1n15	20n23	0n48	23s10	1s 3	0n 4	0s43	10s44	1n51	3n58	11s30	22s39	22s44	4n10			n.a.
M 2	1 36	6 13	4 56	0 20	0 26	17 39	1 37	11 44	1 15	20 21	0 49	23 10	1 3	0 3	0 43	10 45	1 51	3 58	11 30	22 38	22 43	4 13			n.a.
T 3	2 0	1 42	5 1	0n27	0 5	18 3	1 40	11 30	1 15	20 19	0 49	23 10	1 3	0 2	0 43	10 45	1 51	3 58	11 30	22 36	22 43	4 15			n.a.
W 4	2 25	2n52	4 53	1 10	0n15	18 27	1 43	11 16	1 15	20 17	0 49	23 9	1 3	0 1	0 43	10 46	1 50	3 57	11 30	22 35	22 43	4 18			n.a.
T 5	2 49	7 19	4 33	1 49	0 34	18 51	1 46	11 2	1 15	20 15	0 49	23 9	1 3	0 0	0 43	10 47	1 50	3 57	11 30	22 33	22 42	4 20			n.a.
F 6	3 13	11 31	4 0	2 22	0 51	19 14	1 48	10 48	1 15	20 13	0 49	23 9	1 3	0s 1	0 43	10 48	1 50	3 56	11 30	22 31	22 42	4 23			n.a.
S 7	3 37	15 16	3 17	2 49	1 7	19 37	1 51	10 33	1 15	20 11	0 50	23 9	1 3	0 2	0 43	10 48	1 50	3 56	11 30	22 30	22 41	4 25			n.a.
S 8	4 1	18 26	2 24	3 10	1 22	19 59	1 54	10 19	1 15	20 9	0 50	23 9	1 3	0 3	0 43	10 49	1 50	3 56	11 31	22 29	22 41	4 28			n.a.
M 9	4 25	20 49	1 24	3 25	1 34	20 21	1 57	10 4	1 15	20 8	0 50	23 9	1 2	0 4	0 43	10 50	1 50	3 55	11 31	22 29	22 41	4 30			n.a.
T 10	4 49	22 15	0 20	3 34	1 45	20 42	1 59	9 50	1 15	20 6	0 50	23 9	1 2	0 5	0 43	10 51	1 50	3 55	11 31	22 29	22 40	4 32			n.a.
W11	5 13	22 37	0s47	3 36	1 54	21 3	2 2	9 35	1 15	20 4	0 51	23 8	1 2	0 6	0 43	10 51	1 50	3 54	11 31	22 29	22 40	4 35			n.a.
T 12	5 36	21 48	1 53	3 34	2 2	21 23	2 4	9 20	1 15	20 2	0 51	23 8	1 2	0 7	0 43	10 52	1 50	3 54	11 31	22 29	22 39	4 37			n.a.
F 13	6 0	19 48	2 55	3 26	2 8	21 42	2 7	9 6	1 15	20 0	0 51	23 8	1 2	0 8	0 43	10 53	1 50	3 54	11 31	22 29	22 39	4 40			n.a.
S 14	6 24	16 39	3 49	3 13	2 12	22 1	2 9	8 51	1 15	19 59	0 51	23 8	1 2	0 9	0 43	10 54	1 50	3 53	11 31	22 29	22 39	4 42			n.a.
S 15	6 47	12 29	4 32	2 56	2 15	22 20	2 12	8 36	1 15	19 57	0 51	23 7	1 2	0 10	0 43	10 54	1 50	3 53	11 31	22 28	22 38	4 45			n.a.
M16	7 11	7 29	4 58	2 35	2 17	22 37	2 14	8 21	1 15	19 55	0 52	23 7	1 2	0 10	0 43	10 55	1 50	3 53	11 31	22 28	22 38	4 47			n.a.
T 17	7 34	1 55	5 6	2 12	2 18	22 55	2 16	8 6	1 15	19 54	0 52	23 7	1 2	0 11	0 42	10 56	1 50	3 52	11 31	22 27	22 37	4 50			n.a.
W18	7 57	3s51	4 53	1 45	2 18	23 11	2 18	7 51	1 14	19 52	0 52	23 7	1 2	0 12	0 42	10 57	1 50	3 52	11 31	22 25	22 37	4 52			n.a.
T 19	8 20	9 27	4 19	1 15	2 17	23 27	2 20	7 36	1 14	19 50	0 52	23 6	1 2	0 13	0 42	10 58	1 50	3 51	11 31	22 24	22 37	4 55			n.a.
F 20	8 43	14 26	3 27	0 44	2 15	23 42	2 22	7 21	1 14	19 49	0 53	23 6	1 2	0 14	0 42	10 58	1 50	3 51	11 31	22 23	22 36	4 57			n.a.
S 21	9 6	18 26	2 21	0 11	2 12	23 57	2 24	7 6	1 14	19 47	0 53	23 5	1 2	0 15	0 42	10 59	1 50	3 51	11 31	22 23	22 36	5 0			n.a.
S 22	9 29	21 9	1 7	0s24	2 9	24 11	2 26	6 51	1 14	19 46	0 53	23 5	1 2	0 16	0 42	11 0	1 50	3 50	11 31	22 22	22 35	5 2			n.a.
M23	9 52	22 27	0n 9	1 1	2 5	24 24	2 27	6 35	1 14	19 45	0 53	23 5	1 2	0 17	0 42	11 1	1 50	3 50	11 31	22 22	22 35	5 4			n.a.
T 24	10 14	22 19	1 22	1 38	2 1	24 37	2 29	6 20	1 14	19 43	0 54	23 4	1 2	0 18	0 42	11 1	1 50	3 50	11 31	22 22	22 35	5 7			n.a.
W25	10 36	20 55	2 28	2 16	1 56	24 49	2 31	6 5	1 14	19 42	0 54	23 4	1 2	0 18	0 42	11 2	1 50	3 49	11 31	22 22	22 34	5 9			n.a.
T 26	10 58	18 29	3 25	2 55	1 51	25 1	2 32	5 49	1 14	19 40	0 54	23 3	1 2	0 19	0 42	11 3	1 50	3 49	11 31	22 23	22 34	5 12			n.a.
F 27	11 20	15 15	4 10	3 35	1 46	25 11	2 33	5 34	1 14	19 39	0 54	23 3	1 2	0 20	0 42	11 4	1 50	3 49	11 31	22 23	22 33	5 14			n.a.
S 28	11 42	11 25	4 43	4 15	1 40	25 21	2 35	5 19	1 14	19 38	0 55	23 2	1 2	0 21	0 42	11 5	1 50	3 48	11 31	22 22	22 33	5 17			n.a.
S 29	12 4	7 12	5 3	4 56	1 34	25 30	2 36	5 3	1 14	19 37	0 55	23 2	1 2	0 22	0 42	11 5	1 50	3 48	11 31	22 22	22 32	5 19			n.a.
M30	12 25	2 46	5 10	5 36	1 28	25 39	2 37	4 48	1 14	19 35	0 55	23 1	1 2	0 22	0 42	11 6	1 50	3 48	11 31	22 21	22 32	5 21			n.a.
T 31	12s46	1n45	5n 3	6s17	1n22	25s47	2s38	4n32	1n14	19n34	0n55	23s 1	1s 2	0s23	0s42	11s 7	1n50	3n47	11s31	22s20	22s32	5n24			n.a.

Julian Day Number = 1599337.5, Delta T = 04h00m10s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'13, Lahiri = - 8°34'12 Julian Calendar 1 Oct. 335 BCE == Greg. Calendar 26 Sept. 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

NOVEMBER 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 21 6	4♏18'57	4♈42	20♎34	18♐54	22♍ 8	7♌22	21♑32	0°R36	3♏32	9°R 7	10°R39	12♐ 5	2♈33	n.a.	W 1
T 2	2 25 2	5°19'57	16°36	22° 6	20° 3	22°47	7°27	21°35	0♈34	3°35	9♉ 6	10♐32	12° 2	2°39	n.a.	T 2
F 3	2 28 59	6°20'58	28°35	23°38	21°12	23°26	7°31	21°39	0°32	3°37	9° 4	10°25	11°59	2°46	n.a.	F 3
S 4	2 32 56	7°21'59	10♉39	25°10	22°21	24° 4	7°36	21°42	0°31	3°39	9° 3	10°20	11°56	2°53	n.a.	S 4
S 5	2 36 52	8°23'02	22°50	26°43	23°30	24°43	7°41	21°46	0°29	3°41	9° 2	10°17	11°53	3° 0	n.a.	S 5
M 6	2 40 49	9°24'06	5♊10	28°15	24°38	25°22	7°45	21°49	0°27	3°44	9° 1	10°D16	11°50	3° 6	n.a.	M 6
T 7	2 44 45	10°25'11	17°41	29°48	25°46	26° 0	7°49	21°53	0°25	3°46	9° 0	10°16	11°46	3°13	n.a.	T 7
W 8	2 48 42	11°26'17	0♋23	1♏21	26°55	26°39	7°53	21°57	0°24	3°48	8°59	10°17	11°43	3°20	n.a.	W 8
T 9	2 52 38	12°27'24	13°19	2°54	28° 3	27°18	7°57	22° 1	0°22	3°50	8°58	10°19	11°40	3°26	n.a.	T 9
F 10	2 56 35	13°28'32	26°32	4°27	29°11	27°56	8° 1	22° 5	0°20	3°53	8°56	10°20	11°37	3°33	n.a.	F 10
S 11	3 0 31	14°29'41	10♌ 2	6° 1	0♑18	28°35	8° 4	22° 9	0°19	3°55	8°55	10°R21	11°34	3°40	n.a.	S 11
S 12	3 4 28	15°30'51	23°53	7°34	1°26	29°14	8° 7	22°13	0°17	3°57	8°54	10°21	11°31	3°47	n.a.	S 12
M13	3 8 25	16°32'02	8♍ 4	9° 7	2°33	29°53	8°11	22°17	0°16	3°59	8°53	10°20	11°27	3°53	n.a.	M13
T 14	3 12 21	17°33'14	22°33	10°41	3°41	0♎31	8°14	22°22	0°14	4° 2	8°52	10°17	11°24	4° 0	n.a.	T 14
W15	3 16 18	18°34'26	7♎16	12°15	4°48	1°10	8°16	22°26	0°13	4° 4	8°51	10°15	11°21	4° 7	n.a.	W15
T 16	3 20 14	19°35'40	22° 8	13°48	5°54	1°49	8°19	22°31	0°11	4° 6	8°50	10°12	11°18	4°13	n.a.	T 16
F 17	3 24 11	20°36'54	7♏ 1	15°22	7° 1	2°27	8°21	22°35	0°10	4° 8	8°48	10° 9	11°15	4°20	n.a.	F 17
S 18	3 28 7	21°38'09	21°46	16°56	8° 7	3° 6	8°23	22°40	0° 9	4°10	8°47	10° 7	11°11	4°27	n.a.	S 18
S 19	3 32 4	22°39'24	6♐16	18°30	9°14	3°45	8°25	22°45	0° 8	4°13	8°46	10°D 6	11° 8	4°34	n.a.	S 19
M20	3 36 0	23°40'40	20°26	20° 5	10°20	4°24	8°27	22°50	0° 6	4°15	8°45	10° 7	11° 5	4°40	n.a.	M20
T 21	3 39 57	24°41'56	4♑11	21°39	11°25	5° 2	8°29	22°54	0° 5	4°17	8°44	10° 8	11° 2	4°47	n.a.	T 21
W22	3 43 54	25°43'12	17°31	23°14	12°31	5°41	8°30	22°59	0° 4	4°19	8°43	10° 9	10°59	4°54	n.a.	W22
T 23	3 47 50	26°44'28	0♒27	24°49	13°36	6°20	8°31	23° 4	0° 3	4°21	8°42	10°10	10°56	5° 0	n.a.	T 23
F 24	3 51 47	27°45'45	13° 1	26°24	14°41	6°59	8°33	23°10	0° 2	4°23	8°41	10°11	10°52	5° 7	n.a.	F 24
S 25	3 55 43	28°47'01	25°18	27°59	15°45	7°37	8°33	23°15	0° 1	4°25	8°40	10°R11	10°49	5°14	n.a.	S 25
S 26	3 59 40	29°48'16	7♓22	29°35	16°50	8°16	8°34	23°20	0° 0	4°28	8°39	10°11	10°46	5°21	n.a.	S 26
M27	4 3 36	0♐49'32	19°17	1♐11	17°54	8°55	8°34	23°25	29♓59	4°30	8°37	10°11	10°43	5°27	n.a.	M27
T 28	4 7 33	1°50'48	1♈ 8	2°47	18°57	9°33	8°35	23°31	29°58	4°32	8°36	10°10	10°40	5°34	n.a.	T 28
W29	4 11 29	2°52'03	13° 0	4°24	20° 1	10°12	8°R35	23°36	29°58	4°34	8°35	10° 9	10°37	5°41	n.a.	W29
T 30	4 15 26	3♐53'18	24♈56	6♐ 0	21♑ 4	10♎51	8♌35	23♑42	29♓57	4♏36	8♉34	10♐ 8	10♐33	5♈47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s 7	6n13	4n43	6s58	1n16	25s54	2s38	4n17	1n14	19n33	0n56	23s 0	1s 2	0s24	0s42	11s 8	1n50	3n47	11s31	22s19	22s31	5n26		n.a.
T 2	13 28	10 28	4 11	7 39	1 9	26 0	2 39	4 1	1 14	19 32	0 56	23 0	1 2	0 25	0 42	11 8	1 50	3 46	11 31	22 18	22 31	5 29		n.a.
F 3	13 48	14 20	3 28	8 19	1 2	26 6	2 40	3 46	1 13	19 31	0 56	22 59	1 2	0 26	0 42	11 9	1 50	3 46	11 31	22 17	22 30	5 31		n.a.
S 4	14 8	17 39	2 35	9 0	0 56	26 11	2 40	3 30	1 13	19 30	0 56	22 59	1 2	0 26	0 42	11 10	1 50	3 46	11 31	22 16	22 30	5 34		n.a.
S 5	14 28	20 13	1 34	9 40	0 49	26 15	2 41	3 15	1 13	19 29	0 57	22 58	1 2	0 27	0 42	11 11	1 50	3 46	11 31	22 16	22 29	5 36		n.a.
M 6	14 48	21 53	0 28	10 20	0 42	26 18	2 41	2 59	1 13	19 28	0 57	22 57	1 2	0 28	0 42	11 11	1 50	3 45	11 31	22 16	22 29	5 38		n.a.
T 7	15 8	22 29	0s41	11 0	0 35	26 21	2 41	2 43	1 13	19 28	0 57	22 57	1 2	0 28	0 42	11 12	1 50	3 45	11 31	22 16	22 29	5 41		n.a.
W 8	15 27	21 56	1 48	11 39	0 28	26 23	2 41	2 28	1 13	19 27	0 57	22 56	1 2	0 29	0 42	11 13	1 50	3 45	11 31	22 16	22 28	5 43		n.a.
T 9	15 46	20 13	2 52	12 18	0 21	26 24	2 41	2 12	1 13	19 26	0 58	22 55	1 2	0 30	0 42	11 14	1 50	3 44	11 31	22 16	22 28	5 46		n.a.
F 10	16 5	17 23	3 47	12 56	0 15	26 25	2 41	1 56	1 13	19 25	0 58	22 55	1 2	0 30	0 42	11 15	1 50	3 44	11 31	22 16	22 27	5 48		n.a.
S 11	16 23	13 35	4 32	13 34	0 8	26 25	2 41	1 41	1 13	19 25	0 58	22 54	1 2	0 31	0 42	11 15	1 50	3 44	11 31	22 17	22 27	5 50		n.a.
S 12	16 41	8 59	5 2	14 11	0 1	26 24	2 40	1 25	1 12	19 24	0 59	22 53	1 2	0 31	0 42	11 16	1 50	3 43	11 31	22 17	22 26	5 53		n.a.
M13	16 59	3 48	5 14	14 48	0s 6	26 22	2 39	1 9	1 12	19 23	0 59	22 53	1 2	0 32	0 42	11 17	1 50	3 43	11 31	22 16	22 26	5 55		n.a.
T 14	17 17	1s42	5 7	15 24	0 12	26 20	2 39	0 53	1 12	19 23	0 59	22 52	1 2	0 33	0 42	11 18	1 50	3 43	11 31	22 16	22 26	5 58		n.a.
W15	17 34	7 12	4 40	16 0	0 19	26 17	2 38	0 38	1 12	19 23	0 59	22 51	1 2	0 33	0 42	11 18	1 50	3 43	11 31	22 16	22 25	6 0		n.a.
T 16	17 51	12 20	3 54	16 35	0 25	26 13	2 37	0 22	1 12	19 22	1 0	22 50	1 2	0 34	0 42	11 19	1 50	3 42	11 31	22 15	22 25	6 2		n.a.
F 17	18 8	16 44	2 53	17 9	0 32	26 8	2 36	0 6	1 12	19 22	1 0	22 50	1 2	0 34	0 42	11 20	1 50	3 42	11 31	22 15	22 24	6 5		n.a.
S 18	18 24	20 2	1 40	17 42	0 38	26 3	2 34	0s 9	1 12	19 21	1 0	22 49	1 1	0 35	0 42	11 20	1 50	3 42	11 30	22 15	22 24	6 7		n.a.
S 19	18 40	21 58	0 21	18 15	0 44	25 57	2 33	0 25	1 11	19 21	1 0	22 48	1 1	0 35	0 42	11 21	1 50	3 41	11 30	22 14	22 23	6 9		n.a.
M20	18 55	22 26	0n57	18 47	0 50	25 51	2 31	0 41	1 11	19 21	1 1	22 47	1 1	0 36	0 42	11 22	1 50	3 41	11 30	22 14	22 23	6 12		n.a.
T 21	19 11	21 31	2 9	19 18	0 56	25 43	2 30	0 57	1 11	19 21	1 1	22 46	1 1	0 36	0 42	11 23	1 50	3 41	11 30	22 15	22 22	6 14		n.a.
W22	19 26	19 23	3 13	19 48	1 2	25 35	2 28	1 12	1 11	19 21	1 1	22 45	1 1	0 36	0 42	11 23	1 50	3 41	11 30	22 15	22 22	6 17		n.a.
T 23	19 40	16 20	4 4	20 18	1 7	25 27	2 26	1 28	1 11	19 21	1 2	22 45	1 1	0 37	0 41	11 24	1 50	3 41	11 30	22 15	22 22	6 19		n.a.
F 24	19 54	12 36	4 42	20 46	1 13	25 18	2 24	1 44	1 10	19 21	1 2	22 44	1 1	0 37	0 41	11 25	1 50	3 40	11 30	22 15	22 21	6 21		n.a.
S 25	20 8	8 26	5 6	21 13	1 18	25 8	2 21	1 59	1 10	19 21	1 2	22 43	1 1	0 37	0 41	11 25	1 50	3 40	11 30	22 15	22 21	6 24		n.a.
S 26	20 21	4 1	5 16	21 39	1 23	24 57	2 19	2 15	1 10	19 21	1 2	22 42	1 1	0 38	0 41	11 26	1 50	3 40	11 30	22 15	22 20	6 26		n.a.
M27	20 35	0n30	5 13	22 5	1 28	24 46	2 16	2 30	1 10	19 21	1 3	22 41	1 1	0 38	0 41	11 27	1 50	3 40	11 29	22 15	22 20	6 28		n.a.
T 28	20 47	4 58	4 56	22 29	1 32	24 35	2 13	2 46	1 10	19 21	1 3	22 40	1 1	0 38	0 41	11 27	1 50	3 39	11 29	22 15	22 19	6 31		n.a.
W29	20 59	9 16	4 26	22 52	1 37	24 22	2 10	3 2	1 9	19 21	1 3	22 39	1 1	0 39	0 41	11 28	1 50	3 39	11 29	22 15	22 19	6 33		n.a.
T 30	21s11	13n15	3n45	23s14	1s41	24s 9	2s 7	3s17	1n 9	19n22	1n 4	22s38	1s 1	0s39	0s41	11s29	1n50	3n39	11s29	22s15	22s18	6n35		n.a.

Julian Day Number = 1599368.5, Delta T = 04h00m09s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'09, Lahiri = - 8°34'08 Julian Calendar 1 Nov. 335 BCE == Greg. Calendar 27 Oct. 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 335 BCE
geocentric

DECEMBER 335 BCE (-334) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 19 23	4♐54'33	7♉ 0	7♐37	22♏ 7	11♎30	8°R34	23♏47	29°R56	4♏38	8°R33	10°R 7	10♐30	5♈54	n.a.	F 1
S 2	4 23 19	5°55'48	19°13	9°15	23° 9	12° 8	8♌34	23°53	29♓56	4°40	8♉32	10♐ 6	10°27	6° 1	n.a.	S 2
S 3	4 27 16	6°57'03	1♊38	10°53	24°11	12°47	8°33	23°59	29°55	4°42	8°31	10° 6	10°24	6° 7	n.a.	S 3
M 4	4 31 12	7°58'17	14°16	12°31	25°12	13°26	8°32	24° 5	29°55	4°44	8°30	10°D 6	10°21	6°14	n.a.	M 4
T 5	4 35 9	8°59'31	27° 6	14° 9	26°14	14° 5	8°31	24°10	29°54	4°46	8°29	10° 6	10°17	6°21	n.a.	T 5
W 6	4 39 5	10° 0'46	10♋11	15°48	27°14	14°43	8°30	24°16	29°54	4°48	8°28	10°R 6	10°14	6°28	n.a.	W 6
T 7	4 43 2	11° 2'00	23°28	17°27	28°15	15°22	8°28	24°22	29°53	4°50	8°27	10° 6	10°11	6°34	n.a.	T 7
F 8	4 46 59	12° 3'14	6♌58	19° 6	29°15	16° 1	8°27	24°28	29°53	4°51	8°26	10° 6	10° 8	6°41	n.a.	F 8
S 9	4 50 55	13° 4'28	20°41	20°46	0♒14	16°39	8°25	24°34	29°53	4°53	8°26	10° 6	10° 5	6°48	n.a.	S 9
S 10	4 54 52	14° 5'41	4♍35	22°26	1°13	17°18	8°23	24°41	29°53	4°55	8°25	10° 6	10° 2	6°54	n.a.	S 10
M11	4 58 48	15° 6'55	18°39	24° 6	2°11	17°57	8°21	24°47	29°52	4°57	8°24	10°D 6	9°58	7° 1	n.a.	M11
T 12	5 2 45	16° 8'08	2♎52	25°46	3° 9	18°36	8°18	24°53	29°52	4°59	8°23	10° 6	9°55	7° 8	n.a.	T 12
W13	5 6 41	17° 9'21	17°12	27°27	4° 7	19°14	8°15	24°59	29°52	5° 1	8°22	10° 6	9°52	7°15	n.a.	W13
T 14	5 10 38	18°10'34	1♏35	29° 7	5° 3	19°53	8°13	25° 6	29°D52	5° 2	8°21	10° 7	9°49	7°21	n.a.	T 14
F 15	5 14 34	19°11'47	15°58	0♐47	6° 0	20°32	8°10	25°12	29°52	5° 4	8°20	10° 8	9°46	7°28	n.a.	F 15
S 16	5 18 31	20°12'59	0♐17	2°27	6°55	21°11	8° 6	25°18	29°52	5° 6	8°19	10° 8	9°43	7°35	n.a.	S 16
S 17	5 22 28	21°14'11	14°25	4° 7	7°51	21°49	8° 3	25°25	29°53	5° 8	8°19	10°R 8	9°39	7°41	n.a.	S 17
M18	5 26 24	22°15'22	28°19	5°46	8°45	22°28	7°59	25°31	29°53	5° 9	8°18	10° 8	9°36	7°48	n.a.	M18
T 19	5 30 21	23°16'32	11♐56	7°25	9°39	23° 7	7°56	25°38	29°53	5°11	8°17	10° 7	9°33	7°55	n.a.	T 19
W20	5 34 17	24°17'41	25°13	9° 2	10°32	23°45	7°52	25°45	29°53	5°13	8°16	10° 5	9°30	8° 2	n.a.	W20
T 21	5 38 14	25°18'50	8♒10	10°38	11°24	24°24	7°48	25°51	29°54	5°14	8°16	10° 3	9°27	8° 8	n.a.	T 21
F 22	5 42 10	26°19'57	20°47	12°13	12°16	25° 3	7°43	25°58	29°54	5°16	8°15	10° 0	9°23	8°15	n.a.	F 22
S 23	5 46 7	27°21'03	3♓ 7	13°46	13° 7	25°41	7°39	26° 5	29°55	5°18	8°14	9°58	9°20	8°22	n.a.	S 23
S 24	5 50 3	28°22'08	15°14	15°16	13°57	26°20	7°34	26°11	29°55	5°19	8°13	9°57	9°17	8°28	n.a.	S 24
M25	5 54 0	29°23'11	27°10	16°43	14°46	26°59	7°30	26°18	29°56	5°21	8°13	9°D56	9°14	8°35	n.a.	M25
T 26	5 57 57	0♏24'14	9♈ 2	18° 6	15°34	27°37	7°25	26°25	29°56	5°22	8°12	9°56	9°11	8°42	n.a.	T 26
W27	6 1 53	1°25'15	20°54	19°26	16°21	28°16	7°20	26°32	29°57	5°24	8°11	9°57	9° 8	8°48	n.a.	W27
T 28	6 5 50	2°26'15	2♉50	20°41	17° 8	28°55	7°14	26°39	29°58	5°25	8°11	9°59	9° 4	8°55	n.a.	T 28
F 29	6 9 46	3°27'13	14°56	21°50	17°53	29°33	7° 9	26°46	29°58	5°26	8°10	10° 1	9° 1	9° 2	n.a.	F 29
S 30	6 13 43	4°28'10	27°15	22°52	18°38	0♏12	7° 3	26°53	29°59	5°28	8°10	10° 2	8°58	9° 9	n.a.	S 30
S 31	6 17 39	5♏29'06	9♊51	23♏48	19♒21	0♏50	6♌58	27♏ 0	0♈ 0	5♏29	8♉ 9	10°R 3	8♐55	9♈15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s23	16n45	2n54	23 s34	1 s45	23 s56	2 s 4	3 s33	1n 9	19n22	1n 4	22 s37	1 s 1	0 s39	0 s41	11 s29	1n50	3n39	11 s29	22 s14	22 s18	6n38		n.a.
S 2	21 34	19 34	1 53	23 53	1 48	23 42	2 1	3 48	1 9	19 23	1 4	22 36	1 1	0 39	0 41	11 30	1 50	3 39	11 29	22 14	22 17	6 40		n.a.
S 3	21 44	21 30	0 47	24 11	1 51	23 28	1 57	4 4	1 9	19 23	1 4	22 35	1 1	0 40	0 41	11 31	1 50	3 39	11 29	22 14	22 17	6 43		n.a.
M 4	21 54	22 25	0 s23	24 28	1 54	23 13	1 53	4 19	1 8	19 23	1 5	22 34	1 1	0 40	0 41	11 31	1 50	3 38	11 28	22 14	22 16	6 45		n.a.
T 5	22 4	22 9	1 33	24 43	1 57	22 57	1 49	4 34	1 8	19 24	1 5	22 33	1 1	0 40	0 41	11 32	1 51	3 38	11 28	22 14	22 16	6 47		n.a.
W 6	22 14	20 41	2 39	24 57	1 59	22 41	1 45	4 50	1 8	19 25	1 5	22 32	1 1	0 40	0 41	11 33	1 51	3 38	11 28	22 14	22 16	6 50		n.a.
T 7	22 22	18 5	3 38	25 9	2 1	22 25	1 41	5 5	1 7	19 25	1 6	22 31	1 1	0 40	0 41	11 33	1 51	3 38	11 28	22 14	22 15	6 52		n.a.
F 8	22 31	14 28	4 26	25 19	2 3	22 8	1 36	5 21	1 7	19 26	1 6	22 30	1 1	0 40	0 41	11 34	1 51	3 38	11 28	22 14	22 15	6 54		n.a.
S 9	22 39	10 3	4 59	25 28	2 4	21 50	1 32	5 36	1 7	19 27	1 6	22 29	1 1	0 40	0 41	11 35	1 51	3 38	11 28	22 14	22 14	6 57		n.a.
S 10	22 46	5 3	5 16	25 36	2 5	21 33	1 27	5 51	1 7	19 28	1 6	22 28	1 1	0 40	0 41	11 35	1 51	3 38	11 27	22 14	22 14	6 59		n.a.
M11	22 54	0 s16	5 14	25 41	2 5	21 14	1 22	6 6	1 6	19 28	1 7	22 26	1 1	0 40	0 41	11 36	1 51	3 38	11 27	22 14	22 13	7 1		n.a.
T 12	23 0	5 37	4 53	25 45	2 5	20 56	1 16	6 21	1 6	19 29	1 7	22 25	1 1	0 40	0 41	11 36	1 51	3 37	11 27	22 14	22 13	7 4		n.a.
W13	23 6	10 44	4 13	25 47	2 4	20 37	1 11	6 37	1 6	19 30	1 7	22 24	1 1	0 40	0 41	11 37	1 51	3 37	11 27	22 14	22 12	7 6		n.a.
T 14	23 12	15 16	3 18	25 47	2 3	20 18	1 5	6 52	1 5	19 31	1 8	22 23	1 1	0 40	0 41	11 37	1 51	3 37	11 27	22 14	22 12	7 8		n.a.
F 15	23 17	18 54	2 10	25 45	2 1	19 58	1 0	7 7	1 5	19 32	1 8	22 22	1 1	0 40	0 41	11 38	1 51	3 37	11 26	22 15	22 11	7 10		n.a.
S 16	23 22	21 21	0 54	25 42	1 59	19 38	0 54	7 22	1 5	19 34	1 8	22 21	1 1	0 40	0 41	11 39	1 51	3 37	11 26	22 15	22 11	7 13		n.a.
S 17	23 26	22 25	0n24	25 36	1 56	19 18	0 47	7 37	1 4	19 35	1 8	22 20	1 1	0 40	0 41	11 39	1 51	3 37	11 26	22 15	22 10	7 15		n.a.
M18	23 30	22 4	1 39	25 29	1 52	18 57	0 41	7 51	1 4	19 36	1 9	22 18	1 1	0 40	0 41	11 40	1 51	3 37	11 26	22 15	22 10	7 17		n.a.
T 19	23 34	20 25	2 47	25 19	1 48	18 36	0 34	8 6	1 4	19 37	1 9	22 17	1 2	0 40	0 40	11 40	1 51	3 37	11 26	22 14	22 9	7 20		n.a.
W20	23 37	17 41	3 44	25 8	1 43	18 15	0 28	8 21	1 3	19 38	1 9	22 16	1 2	0 40	0 40	11 41	1 51	3 37	11 25	22 14	22 9	7 22		n.a.
T 21	23 39	14 8	4 28	24 55	1 37	17 54	0 21	8 36	1 3	19 40	1 9	22 15	1 2	0 40	0 40	11 41	1 51	3 37	11 25	22 14	22 8	7 24		n.a.
F 22	23 41	10 2	4 58	24 40	1 30	17 33	0 14	8 50	1 3	19 41	1 10	22 13	1 2	0 39	0 40	11 42	1 51	3 37	11 25	22 13	22 8	7 27		n.a.
S 23	23 42	5 37	5 13	24 23	1 23	17 11	0 6	9 5	1 2	19 43	1 10	22 12	1 2	0 39	0 40	11 42	1 51	3 37	11 25	22 13	22 7	7 29		n.a.
S 24	23 43	1 4	5 14	24 5	1 14	16 49	0n 1	9 19	1 2	19 44	1 10	22 11	1 2	0 39	0 40	11 43	1 51	3 37	11 24	22 13	22 7	7 31		n.a.
M25	23 44	3n28	5 2	23 45	1 5	16 28	0 9	9 34	1 2	19 45	1 10	22 10	1 2	0 39	0 40	11 43	1 51	3 37	11 24	22 13	22 6	7 33		n.a.
T 26	23 44	7 50	4 36	23 23	0 54	16 6	0 17	9 48	1 1	19 47	1 11	22 8	1 2	0 38	0 40	11 43	1 51	3 37	11 24	22 13	22 6	7 36		n.a.
W27	23 44	11 56	3 59	23 1	0 43	15 43	0 25	10 3	1 1	19 49	1 11	22 7	1 2	0 38	0 40	11 44	1 51	3 37	11 24	22 13	22 5	7 38		n.a.
T 28	23 43	15 35	3 11	22 38	0 31	15 21	0 34	10 17	1 0	19 50	1 11	22 6	1 2	0 38	0 40	11 44	1 51	3 37	11 24	22 13	22 5	7 40		n.a.
F 29	23 41	18 39	2 14	22 14	0 18	14 59	0 42	10 31	1 0	19 52	1 11	22 4	1 2	0 37	0 40	11 45	1 51	3 37	11 23	22 14	22 4	7 43		n.a.
S 30	23 39	20 55	1 10	21 50	0 4	14 37	0 51	10 45	0 59	19 53	1 12	22 3	1 2	0 37	0 40	11 45	1 52	3 37	11 23	22 14	22 4	7 45		n.a.
S 31	23 s37	22n13	0n 1	21 s25	0n12	14 s15	1n 0	10 s59	0n59	19n55	1n12	22 s 2	1 s 2	0 s37	0 s40	11 s46	1n52	3n37	11 s23	22 s14	22 s 4	7n47		n.a.

Julian Day Number = 1599398.5, Delta T = 04h00m08s
Ecliptic obliquity = 23°44'05, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'05, Lahiri = - 8°34'04 Julian Calendar 1 Dec. 335 BCE == Greg. Calendar 26 Nov. 335 BCE

The year -334 astronomical counting style corresponds to year 335 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

JANUARY 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 21 36	6♉30'01	22♊44	24♉36	20♒ 3	1♏29	6°R52	27♉ 7	0♈ 1	5♏30	8°R 8	10°R 2	8♐52	9♈22	n.a.	M 1
T 2	6 25 33	7°30'54	5♋56	25°14	20°44	2° 8	6♎46	27°14	0° 2	5°32	8♉ 8	10♐ 0	8°49	9°29	n.a.	T 2
W 3	6 29 29	8°31'46	19°27	25°44	21°24	2°46	6°40	27°21	0° 3	5°33	8° 7	9°57	8°45	9°35	n.a.	W 3
T 4	6 33 26	9°32'37	3♎12	26° 3	22° 2	3°25	6°34	27°28	0° 4	5°34	8° 7	9°52	8°42	9°42	n.a.	T 4
F 5	6 37 22	10°33'26	17°10	26°R11	22°40	4° 3	6°27	27°35	0° 5	5°36	8° 7	9°48	8°39	9°49	n.a.	F 5
S 6	6 41 19	11°34'14	1♍17	26° 9	23°15	4°42	6°21	27°42	0° 7	5°37	8° 6	9°43	8°36	9°56	n.a.	S 6
S 7	6 45 15	12°35'01	15°28	25°56	23°50	5°20	6°14	27°49	0° 8	5°38	8° 6	9°39	8°33	10° 2	n.a.	S 7
M 8	6 49 12	13°35'47	29°41	25°32	24°23	5°59	6° 8	27°57	0° 9	5°39	8° 5	9°37	8°29	10° 9	n.a.	M 8
T 9	6 53 8	14°36'32	13♎52	24°57	24°54	6°37	6° 1	28° 4	0°10	5°40	8° 5	9°D36	8°26	10°16	n.a.	T 9
W10	6 57 5	15°37'15	27°59	24°13	25°24	7°16	5°54	28°11	0°12	5°41	8° 4	9°36	8°23	10°22	n.a.	W10
T 11	7 1 2	16°37'58	12♏ 2	23°21	25°52	7°54	5°47	28°18	0°13	5°42	8° 4	9°38	8°20	10°29	n.a.	T 11
F 12	7 4 58	17°38'39	25°58	22°22	26°19	8°33	5°40	28°25	0°15	5°43	8° 4	9°39	8°17	10°36	n.a.	F 12
S 13	7 8 55	18°39'19	9♐47	21°18	26°44	9°11	5°33	28°33	0°16	5°44	8° 4	9°R40	8°14	10°42	n.a.	S 13
S 14	7 12 51	19°39'57	23°27	20°10	27° 7	9°50	5°25	28°40	0°18	5°45	8° 3	9°39	8°10	10°49	n.a.	S 14
M15	7 16 48	20°40'34	6♑57	19° 1	27°28	10°28	5°18	28°47	0°19	5°46	8° 3	9°36	8° 7	10°56	n.a.	M15
T 16	7 20 44	21°41'10	20°14	17°53	27°47	11° 7	5°10	28°55	0°21	5°47	8° 3	9°31	8° 4	11° 3	n.a.	T 16
W17	7 24 41	22°41'43	3♒17	16°46	28° 4	11°45	5° 3	29° 2	0°23	5°48	8° 3	9°24	8° 1	11° 9	n.a.	W17
T 18	7 28 37	23°42'15	16° 5	15°42	28°19	12°23	4°55	29° 9	0°25	5°49	8° 2	9°16	7°58	11°16	n.a.	T 18
F 19	7 32 34	24°42'45	28°38	14°44	28°32	13° 2	4°48	29°17	0°26	5°49	8° 2	9° 7	7°55	11°23	n.a.	F 19
S 20	7 36 31	25°43'14	10♓56	13°51	28°43	13°40	4°40	29°24	0°28	5°50	8° 2	8°59	7°51	11°29	n.a.	S 20
S 21	7 40 27	26°43'40	23° 2	13° 5	28°51	14°18	4°32	29°31	0°30	5°51	8° 2	8°52	7°48	11°36	n.a.	S 21
M22	7 44 24	27°44'04	4♈58	12°26	28°57	14°57	4°25	29°39	0°32	5°51	8° 2	8°47	7°45	11°43	n.a.	M22
T 23	7 48 20	28°44'26	16°50	11°54	29° 1	15°35	4°17	29°46	0°34	5°52	8° 2	8°44	7°42	11°49	n.a.	T 23
W24	7 52 17	29°44'46	28°40	11°30	29°R 2	16°13	4° 9	29°53	0°36	5°53	8° 2	8°D43	7°39	11°56	n.a.	W24
T 25	7 56 13	0♒45'04	10♉35	11°13	29° 1	16°51	4° 1	0♒ 1	0°38	5°53	8° 2	8°44	7°35	12° 3	n.a.	T 25
F 26	8 0 10	1°45'20	22°40	11° 3	28°57	17°30	3°53	0° 8	0°40	5°54	8°D 2	8°45	7°32	12°10	n.a.	F 26
S 27	8 4 6	2°45'33	5♊ 0	11°D 0	28°51	18° 8	3°45	0°15	0°42	5°54	8° 2	8°R46	7°29	12°16	n.a.	S 27
S 28	8 8 3	3°45'45	17°39	11° 3	28°42	18°46	3°38	0°23	0°44	5°55	8° 2	8°46	7°26	12°23	n.a.	S 28
M29	8 12 0	4°45'54	0♋41	11°13	28°31	19°24	3°30	0°30	0°47	5°55	8° 2	8°43	7°23	12°30	n.a.	M29
T 30	8 15 56	5°46'02	14° 7	11°29	28°17	20° 2	3°22	0°37	0°49	5°56	8° 2	8°39	7°20	12°36	n.a.	T 30
W31	8 19 53	6♒46'07	27♋57	11♉50	28♒ 1	20♏40	3♎14	0♒45	0♈51	5♏56	8♉ 2	8♐32	7♐16	12♈43	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s34	22n23	1s 9	21s 1	0n27	13s53	1n10	11s13	0n59	19n57	1n12	22s 0	1s 2	0s36	0s40	11s46	1n52	3n37	11s23	22s14	22s 3	7n49			n.a.
T 2	23 31	21 19	2 17	20 38	0 44	13 31	1 19	11 27	0 58	19 59	1 12	21 59	1 2	0 36	0 40	11 46	1 52	3 37	11 22	22 13	22 3	7 52			n.a.
W 3	23 27	19 1	3 19	20 16	1 1	13 9	1 29	11 41	0 58	20 0	1 13	21 58	1 2	0 35	0 40	11 47	1 52	3 37	11 22	22 13	22 2	7 54			n.a.
T 4	23 23	15 37	4 11	19 55	1 19	12 47	1 39	11 55	0 57	20 2	1 13	21 56	1 2	0 35	0 40	11 47	1 52	3 37	11 22	22 12	22 2	7 56			n.a.
F 5	23 19	11 18	4 48	19 36	1 36	12 25	1 49	12 8	0 57	20 4	1 13	21 55	1 2	0 34	0 40	11 48	1 52	3 38	11 22	22 12	22 1	7 58			n.a.
S 6	23 13	6 21	5 9	19 19	1 54	12 4	1 59	12 22	0 56	20 6	1 13	21 53	1 2	0 34	0 40	11 48	1 52	3 38	11 21	22 11	22 1	8 1			n.a.
S 7	23 8	1 2	5 10	19 4	2 12	11 42	2 10	12 35	0 56	20 8	1 13	21 52	1 2	0 33	0 40	11 48	1 52	3 38	11 21	22 10	22 0	8 3			n.a.
M 8	23 2	4s21	4 53	18 52	2 28	11 21	2 20	12 49	0 55	20 10	1 14	21 51	1 2	0 33	0 40	11 49	1 52	3 38	11 21	22 10	21 59	8 5			n.a.
T 9	22 55	9 29	4 18	18 42	2 45	11 0	2 31	13 2	0 55	20 12	1 14	21 49	1 2	0 32	0 40	11 49	1 52	3 38	11 21	22 10	21 59	8 7			n.a.
W10	22 48	14 7	3 28	18 36	2 59	10 40	2 42	13 15	0 54	20 13	1 14	21 48	1 2	0 32	0 40	11 49	1 52	3 38	11 20	22 10	21 58	8 10			n.a.
T 11	22 41	17 56	2 25	18 31	3 13	10 20	2 54	13 28	0 54	20 15	1 14	21 46	1 2	0 31	0 40	11 49	1 52	3 38	11 20	22 10	21 58	8 12			n.a.
F 12	22 33	20 41	1 14	18 30	3 24	10 0	3 5	13 41	0 53	20 17	1 14	21 45	1 2	0 30	0 40	11 50	1 52	3 38	11 20	22 10	21 57	8 14			n.a.
S 13	22 25	22 11	0n 1	18 31	3 34	9 40	3 17	13 54	0 52	20 19	1 15	21 43	1 2	0 30	0 40	11 50	1 52	3 39	11 19	22 10	21 57	8 16			n.a.
S 14	22 16	22 20	1 14	18 34	3 41	9 21	3 29	14 7	0 52	20 21	1 15	21 42	1 2	0 29	0 39	11 50	1 52	3 39	11 19	22 10	21 56	8 19			n.a.
M15	22 7	21 11	2 23	18 39	3 46	9 3	3 41	14 20	0 51	20 23	1 15	21 40	1 2	0 28	0 39	11 50	1 52	3 39	11 19	22 10	21 56	8 21			n.a.
T 16	21 58	18 52	3 22	18 45	3 48	8 45	3 53	14 33	0 51	20 25	1 15	21 39	1 3	0 28	0 39	11 51	1 52	3 39	11 19	22 9	21 55	8 23			n.a.
W17	21 48	15 37	4 9	18 53	3 48	8 27	4 5	14 45	0 50	20 27	1 15	21 38	1 3	0 27	0 39	11 51	1 53	3 39	11 18	22 8	21 55	8 25			n.a.
T 18	21 38	11 42	4 43	19 3	3 46	8 10	4 18	14 58	0 49	20 29	1 15	21 36	1 3	0 26	0 39	11 51	1 53	3 40	11 18	22 7	21 54	8 28			n.a.
F 19	21 27	7 22	5 3	19 13	3 43	7 54	4 30	15 10	0 49	20 31	1 16	21 35	1 3	0 25	0 39	11 51	1 53	3 40	11 18	22 5	21 54	8 30			n.a.
S 20	21 16	2 49	5 8	19 25	3 37	7 39	4 43	15 22	0 48	20 33	1 16	21 33	1 3	0 25	0 39	11 52	1 53	3 40	11 18	22 4	21 53	8 32			n.a.
S 21	21 4	1n46	4 59	19 36	3 29	7 24	4 56	15 34	0 48	20 35	1 16	21 32	1 3	0 24	0 39	11 52	1 53	3 40	11 17	22 3	21 53	8 34			n.a.
M22	20 52	6 13	4 37	19 49	3 21	7 10	5 9	15 46	0 47	20 37	1 16	21 30	1 3	0 23	0 39	11 52	1 53	3 40	11 17	22 2	21 52	8 36			n.a.
T 23	20 40	10 25	4 3	20 1	3 11	6 57	5 21	15 58	0 46	20 39	1 16	21 29	1 3	0 22	0 39	11 52	1 53	3 41	11 17	22 2	21 52	8 39			n.a.
W24	20 27	14 13	3 19	20 14	3 0	6 44	5 34	16 10	0 45	20 42	1 16	21 27	1 3	0 21	0 39	11 52	1 53	3 41	11 16	22 2	21 51	8 41			n.a.
T 25	20 14	17 29	2 26	20 27	2 49	6 33	5 47	16 22	0 45	20 44	1 16	21 26	1 3	0 20	0 39	11 52	1 53	3 41	11 16	22 2	21 51	8 43			n.a.
F 26	20 1	20 3	1 26	20 39	2 37	6 22	5 59	16 33	0 44	20 46	1 17	21 24	1 3	0 20	0 39	11 52	1 53	3 41	11 16	22 2	21 50	8 45			n.a.
S 27	19 47	21 44	0 20	20 52	2 25	6 13	6 12	16 45	0 43	20 47	1 17	21 22	1 3	0 19	0 39	11 53	1 53	3 42	11 16	22 2	21 50	8 47			n.a.
S 28	19 33	22 22	0s48	21 4	2 12	6 4	6 24	16 56	0 43	20 49	1 17	21 21	1 3	0 18	0 39	11 53	1 53	3 42	11 15	22 2	21 49	8 50			n.a.
M29	19 19	21 49	1 55	21 16	2 0	5 57	6 36	17 7	0 42	20 51	1 17	21 19	1 3	0 17	0 39	11 53	1 53	3 42	11 15	22 2	21 49	8 52			n.a.
T 30	19 4	20 2	2 58	21 27	1 47	5 50	6 48	17 19	0 41	20 53	1 17	21 18	1 3	0 16	0 39	11 53	1 53	3 43	11 15	22 1	21 48	8 54			n.a.
W31	18s49	17n 3	3s52	21s38	1n35	5s45	6n59	17s30	0n40	20n55	1n17	21s16	1s 4	0s15	0s39	11s53	1n53	3n43	11s14	22s 0	21s48	8n56			n.a.

Julian Day Number = 1599429.5, Delta T = 04h00m07s
Ecliptic obliquity = 23°44'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°41'00, Lahiri = - 8°34'00 Julian Calendar 1 Jan. 334 BCE == Greg. Calendar 27 Dec. 335 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

FEBRUARY 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 23 49	7♒46'10	12♌ 8	12♉17	27°R42	21♏18	3°R 6	0♒52	0♈54	5♏56	8♉ 2	8°R23	7♐13	12♈50	n.a.	T 1
F 2	8 27 46	8°46'11	26°35	12°48	27♒21	21°56	2♌58	0°59	0°56	5°57	8° 2	8♐13	7°10	12°56	n.a.	F 2
S 3	8 31 42	9°46'10	11♍11	13°24	26°57	22°34	2°51	1° 7	0°58	5°57	8° 2	8° 3	7° 7	13° 3	n.a.	S 3
S 4	8 35 39	10°46'08	25°49	14° 4	26°31	23°12	2°43	1°14	1° 1	5°57	8° 2	7°55	7° 4	13°10	n.a.	S 4
M 5	8 39 35	11°46'03	10♎22	14°47	26° 3	23°50	2°35	1°21	1° 3	5°57	8° 3	7°49	7° 0	13°17	n.a.	M 5
T 6	8 43 32	12°45'57	24°45	15°35	25°34	24°28	2°27	1°29	1° 6	5°58	8° 3	7°45	6°57	13°23	n.a.	T 6
W 7	8 47 29	13°45'49	8♏55	16°26	25° 2	25° 6	2°20	1°36	1° 8	5°58	8° 3	7°D44	6°54	13°30	n.a.	W 7
T 8	8 51 25	14°45'40	22°51	17°20	24°29	25°44	2°12	1°43	1°11	5°58	8° 3	7°44	6°51	13°37	n.a.	T 8
F 9	8 55 22	15°45'28	6♐33	18°17	23°55	26°22	2° 5	1°50	1°13	5°58	8° 4	7°R44	6°48	13°43	n.a.	F 9
S 10	8 59 18	16°45'15	20° 1	19°16	23°19	26°59	1°57	1°57	1°16	5°58	8° 4	7°44	6°45	13°50	n.a.	S 10
S 11	9 3 15	17°45'00	3♑18	20°19	22°43	27°37	1°50	2° 5	1°19	5°R58	8° 4	7°41	6°41	13°57	n.a.	S 11
M12	9 7 11	18°44'43	16°24	21°24	22° 5	28°15	1°43	2°12	1°22	5°58	8° 5	7°36	6°38	14° 3	n.a.	M12
T 13	9 11 8	19°44'24	29°18	22°31	21°28	28°53	1°35	2°19	1°24	5°58	8° 5	7°27	6°35	14°10	n.a.	T 13
W14	9 15 4	20°44'03	12♒ 2	23°40	20°50	29°30	1°28	2°26	1°27	5°58	8° 5	7°16	6°32	14°17	n.a.	W14
T 15	9 19 1	21°43'40	24°35	24°51	20°12	0♐ 8	1°21	2°33	1°30	5°58	8° 6	7° 4	6°29	14°24	n.a.	T 15
F 16	9 22 57	22°43'15	6♓57	26° 5	19°34	0°45	1°14	2°40	1°33	5°58	8° 6	6°50	6°26	14°30	n.a.	F 16
S 17	9 26 54	23°42'47	19° 7	27°20	18°57	1°23	1° 8	2°47	1°36	5°57	8° 7	6°37	6°22	14°37	n.a.	S 17
S 18	9 30 51	24°42'18	1♈ 9	28°37	18°21	2° 0	1° 1	2°54	1°38	5°57	8° 7	6°25	6°19	14°44	n.a.	S 18
M19	9 34 47	25°41'45	13° 3	29°56	17°46	2°38	0°54	3° 1	1°41	5°57	8° 8	6°16	6°16	14°50	n.a.	M19
T 20	9 38 44	26°41'11	24°52	1♒17	17°12	3°15	0°48	3° 8	1°44	5°57	8° 8	6° 9	6°13	14°57	n.a.	T 20
W21	9 42 40	27°40'34	6♉41	2°39	16°39	3°52	0°41	3°15	1°47	5°56	8° 9	6° 5	6°10	15° 4	n.a.	W21
T 22	9 46 37	28°39'55	18°34	4° 3	16° 8	4°30	0°35	3°22	1°50	5°56	8° 9	6° 4	6° 6	15°10	n.a.	T 22
F 23	9 50 33	29°39'14	0♊37	5°29	15°39	5° 7	0°29	3°29	1°53	5°56	8°10	6° 4	6° 3	15°17	n.a.	F 23
S 24	9 54 30	0♓38'30	12°54	6°56	15°12	5°44	0°23	3°36	1°56	5°55	8°11	6° 3	6° 0	15°24	n.a.	S 24
S 25	9 58 26	1°37'43	25°31	8°24	14°47	6°21	0°17	3°43	1°59	5°55	8°11	6° 2	5°57	15°30	n.a.	S 25
M26	10 2 23	2°36'55	8♋33	9°55	14°24	6°58	0°11	3°49	2° 2	5°54	8°12	6° 0	5°54	15°37	n.a.	M26
T 27	10 6 20	3°36'04	22° 2	11°26	14° 3	7°35	0° 6	3°56	2° 6	5°54	8°13	5°54	5°51	15°44	n.a.	T 27
W28	10 10 16	4♓35'10	6♌ 0	12♒59	13♒44	8♐12	0♌ 0	4♒ 3	2♈ 9	5♏53	8♉13	5♐46	5♐47	15♈51	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s33	13n 0	4s33	21s48	1n22	5s41	7n11	17s40	0n39	20n57	1n17	21s15	1s 4	0s14	0s39	11s53	1n53	3n43	11s14	21s58	21s47	8n58		n.a.
F 2	18 17	8 9	4 58	21 57	1 10	5 38	7 21	17 51	0 39	20 59	1 17	21 13	1 4	0 13	0 39	11 53	1 53	3 43	11 14	21 57	21 47	9 1		n.a.
S 3	18 1	2 47	5 3	22 6	0 58	5 37	7 32	18 2	0 38	21 1	1 17	21 12	1 4	0 12	0 39	11 53	1 54	3 44	11 14	21 55	21 46	9 3		n.a.
S 4	17 45	2s44	4 49	22 13	0 46	5 36	7 41	18 12	0 37	21 3	1 17	21 10	1 4	0 11	0 39	11 53	1 54	3 44	11 13	21 54	21 45	9 5		n.a.
M 5	17 28	8 5	4 17	22 20	0 34	5 37	7 50	18 23	0 36	21 5	1 17	21 9	1 4	0 10	0 39	11 53	1 54	3 44	11 13	21 53	21 45	9 7		n.a.
T 6	17 11	12 55	3 28	22 26	0 23	5 39	7 59	18 33	0 35	21 7	1 17	21 7	1 4	0 9	0 39	11 53	1 54	3 45	11 13	21 52	21 44	9 9		n.a.
W 7	16 54	16 58	2 27	22 31	0 12	5 42	8 6	18 43	0 34	21 8	1 17	21 5	1 4	0 8	0 39	11 53	1 54	3 45	11 13	21 52	21 44	9 11		n.a.
T 8	16 36	19 58	1 18	22 35	0 1	5 46	8 13	18 53	0 34	21 10	1 18	21 4	1 4	0 7	0 39	11 53	1 54	3 45	11 12	21 52	21 43	9 14		n.a.
F 9	16 19	21 46	0 6	22 37	0s 9	5 51	8 19	19 3	0 33	21 12	1 18	21 2	1 4	0 6	0 39	11 53	1 54	3 46	11 12	21 52	21 43	9 16		n.a.
S 10	16 0	22 17	1n 5	22 39	0 19	5 58	8 25	19 13	0 32	21 14	1 18	21 1	1 4	0 5	0 39	11 53	1 54	3 46	11 12	21 52	21 42	9 18		n.a.
S 11	15 42	21 30	2 11	22 39	0 29	6 6	8 29	19 22	0 31	21 15	1 18	20 59	1 5	0 4	0 39	11 53	1 54	3 46	11 11	21 52	21 42	9 20		n.a.
M12	15 23	19 34	3 10	22 38	0 38	6 14	8 32	19 32	0 30	21 17	1 18	20 58	1 5	0 2	0 39	11 53	1 54	3 47	11 11	21 51	21 41	9 22		n.a.
T 13	15 5	16 41	3 57	22 36	0 47	6 24	8 35	19 41	0 29	21 19	1 18	20 56	1 5	0 1	0 39	11 53	1 54	3 47	11 11	21 49	21 41	9 24		n.a.
W14	14 46	13 2	4 33	22 32	0 55	6 34	8 37	19 50	0 28	21 20	1 18	20 55	1 5	0 0	0 38	11 53	1 54	3 48	11 11	21 48	21 40	9 27		n.a.
T 15	14 26	8 53	4 54	22 27	1 3	6 45	8 37	19 59	0 27	21 22	1 18	20 53	1 5	0n 1	0 38	11 53	1 54	3 48	11 10	21 45	21 39	9 29		n.a.
F 16	14 7	4 25	5 1	22 21	1 11	6 57	8 37	20 8	0 26	21 23	1 18	20 52	1 5	0 2	0 38	11 53	1 54	3 48	11 10	21 43	21 39	9 31		n.a.
S 17	13 47	0n 8	4 54	22 14	1 18	7 10	8 35	20 17	0 25	21 25	1 18	20 50	1 5	0 3	0 38	11 52	1 54	3 49	11 10	21 41	21 38	9 33		n.a.
S 18	13 27	4 38	4 34	22 5	1 25	7 23	8 33	20 26	0 24	21 26	1 18	20 48	1 5	0 4	0 38	11 52	1 54	3 49	11 10	21 39	21 38	9 35		n.a.
M19	13 7	8 55	4 2	21 54	1 32	7 36	8 30	20 34	0 23	21 28	1 18	20 47	1 5	0 6	0 38	11 52	1 54	3 50	11 9	21 37	21 37	9 37		n.a.
T 20	12 46	12 50	3 20	21 42	1 38	7 50	8 26	20 43	0 22	21 29	1 18	20 45	1 5	0 7	0 38	11 52	1 55	3 50	11 9	21 36	21 37	9 39		n.a.
W21	12 26	16 15	2 29	21 29	1 43	8 4	8 21	20 51	0 20	21 31	1 18	20 44	1 6	0 8	0 38	11 52	1 55	3 50	11 9	21 35	21 36	9 41		n.a.
T 22	12 5	19 1	1 31	21 14	1 49	8 19	8 15	20 59	0 19	21 32	1 18	20 42	1 6	0 9	0 38	11 52	1 55	3 51	11 8	21 35	21 36	9 44		n.a.
F 23	11 44	21 0	0 29	20 58	1 53	8 33	8 9	21 7	0 18	21 33	1 18	20 41	1 6	0 11	0 38	11 51	1 55	3 51	11 8	21 35	21 35	9 46		n.a.
S 24	11 23	22 2	0s36	20 40	1 58	8 48	8 2	21 15	0 17	21 35	1 17	20 39	1 6	0 12	0 38	11 51	1 55	3 52	11 8	21 35	21 34	9 48		n.a.
S 25	11 2	21 58	1 41	20 20	2 2	9 3	7 54	21 23	0 16	21 36	1 17	20 38	1 6	0 13	0 38	11 51	1 55	3 52	11 8	21 35	21 34	9 50		n.a.
M26	10 40	20 45	2 43	19 59	2 5	9 17	7 45	21 30	0 15	21 37	1 17	20 36	1 6	0 14	0 38	11 51	1 55	3 53	11 7	21 34	21 33	9 52		n.a.
T 27	10 19	18 20	3 38	19 37	2 8	9 32	7 36	21 37	0 13	21 38	1 17	20 35	1 6	0 16	0 38	11 51	1 55	3 53	11 7	21 33	21 33	9 54		n.a.
W28	9s57	14n47	4s21	19s13	2s11	9s46	7n27	21s45	0n12	21n39	1n17	20s33	1s 6	0n17	0s38	11s50	1n55	3n54	11s 7	21s32	21s32	9n56		n.a.

Julian Day Number = 1599460.5, Delta T = 04h00m05s
Ecliptic obliquity = 23°44'05, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'56, Lahiri = - 8°33'56 Julian Calendar 1 Feb. 334 BCE == Greg. Calendar 27 Jan. 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

MARCH 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 14 13	5♓34'14	20♌25	14♒34	13°R29	8♐49	29°R55	4♒10	2♈12	5°R53	8♉14	5°R36	5♐44	15♈57	n.a.	T 1
F 2	10 18 9	6°33'16	5♍11	16° 9	13♒15	9°26	29♋50	4°16	2°15	5♏52	8°15	5♐24	5°41	16° 4	n.a.	F 2
S 3	10 22 6	7°32'16	20°10	17°47	13° 4	10° 3	29°45	4°23	2°18	5°51	8°15	5°13	5°38	16°11	n.a.	S 3
S 4	10 26 2	8°31'13	5♎13	19°26	12°55	10°39	29°40	4°29	2°21	5°51	8°16	5° 3	5°35	16°17	n.a.	S 4
M 5	10 29 59	9°30'09	20°10	21° 6	12°49	11°16	29°35	4°36	2°25	5°50	8°17	4°55	5°32	16°24	n.a.	M 5
T 6	10 33 55	10°29'03	4♏52	22°48	12°45	11°53	29°31	4°42	2°28	5°49	8°18	4°50	5°28	16°31	n.a.	T 6
W 7	10 37 52	11°27'55	19°16	24°31	12°D44	12°29	29°27	4°49	2°31	5°49	8°19	4°48	5°25	16°37	n.a.	W 7
T 8	10 41 48	12°26'45	3♐18	26°16	12°45	13° 6	29°22	4°55	2°34	5°48	8°19	4°D48	5°22	16°44	n.a.	T 8
F 9	10 45 45	13°25'33	16°59	28° 2	12°49	13°42	29°18	5° 1	2°38	5°47	8°20	4°R48	5°19	16°51	n.a.	F 9
S 10	10 49 42	14°24'20	0♑21	29°49	12°55	14°18	29°15	5° 8	2°41	5°46	8°21	4°47	5°16	16°57	n.a.	S 10
S 11	10 53 38	15°23'05	13°25	1♓39	13° 3	14°55	29°11	5°14	2°44	5°45	8°22	4°44	5°12	17° 4	n.a.	S 11
M12	10 57 35	16°21'48	26°15	3°29	13°13	15°31	29° 7	5°20	2°48	5°44	8°23	4°39	5° 9	17°11	n.a.	M12
T 13	11 1 31	17°20'29	8♒52	5°21	13°26	16° 7	29° 4	5°26	2°51	5°44	8°24	4°31	5° 6	17°17	n.a.	T 13
W14	11 5 28	18°19'08	21°19	7°15	13°40	16°43	29° 1	5°32	2°54	5°43	8°25	4°20	5° 3	17°24	n.a.	W14
T 15	11 9 24	19°17'45	3♓36	9°10	13°56	17°19	28°58	5°38	2°58	5°42	8°26	4° 8	5° 0	17°31	n.a.	T 15
F 16	11 13 21	20°16'20	15°45	11° 7	14°15	17°55	28°55	5°44	3° 1	5°41	8°27	3°54	4°57	17°38	n.a.	F 16
S 17	11 17 17	21°14'53	27°47	13° 5	14°35	18°30	28°53	5°50	3° 4	5°40	8°28	3°41	4°53	17°44	n.a.	S 17
S 18	11 21 14	22°13'24	9♈42	15° 5	14°57	19° 6	28°50	5°56	3° 8	5°39	8°29	3°29	4°50	17°51	n.a.	S 18
M19	11 25 11	23°11'53	21°32	17° 6	15°21	19°41	28°48	6° 2	3°11	5°37	8°30	3°20	4°47	17°58	n.a.	M19
T 20	11 29 7	24°10'20	3♉21	19° 9	15°46	20°17	28°46	6° 8	3°15	5°36	8°31	3°13	4°44	18° 4	n.a.	T 20
W21	11 33 4	25° 8'45	15° 9	21°12	16°13	20°52	28°44	6°13	3°18	5°35	8°32	3° 9	4°41	18°11	n.a.	W21
T 22	11 37 0	26° 7'08	27° 2	23°17	16°42	21°27	28°42	6°19	3°21	5°34	8°33	3° 8	4°37	18°18	n.a.	T 22
F 23	11 40 57	27° 5'29	9♊ 4	25°23	17°12	22° 3	28°41	6°24	3°25	5°33	8°34	3°D 8	4°34	18°24	n.a.	F 23
S 24	11 44 53	28° 3'47	21°19	27°30	17°44	22°38	28°39	6°30	3°28	5°32	8°35	3° 8	4°31	18°31	n.a.	S 24
S 25	11 48 50	29° 2'03	3♋53	29°38	18°16	23°12	28°38	6°35	3°32	5°31	8°36	3°R 8	4°28	18°38	n.a.	S 25
M26	11 52 46	0♈ 0'17	16°51	1♈46	18°51	23°47	28°37	6°41	3°35	5°29	8°37	3° 7	4°25	18°44	n.a.	M26
T 27	11 56 43	0°58'29	0♌16	3°54	19°26	24°22	28°36	6°46	3°38	5°28	8°38	3° 4	4°22	18°51	n.a.	T 27
W28	12 0 39	1°56'39	14°12	6° 3	20° 3	24°56	28°36	6°51	3°42	5°27	8°39	2°58	4°18	18°58	n.a.	W28
T 29	12 4 36	2°54'47	28°36	8°12	20°41	25°31	28°35	6°57	3°45	5°26	8°40	2°50	4°15	19° 4	n.a.	T 29
F 30	12 8 33	3°52'52	13♍25	10°20	21°20	26° 5	28°35	7° 2	3°49	5°24	8°41	2°42	4°12	19°11	n.a.	F 30
S 31	12 12 29	4♈50'56	28♍33	12♈27	22♒ 0	26♐39	28°D35	7♒ 7	3♈52	5♏23	8♉43	2♐33	4♐ 9	19♈18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s35	10n17	4s50	18s47	2s13	10s 0	7n17	21s52	0n11	21n40	1n17	20s32	1s 7	0n18	0s38	11s50	1n55	3n54	11s 7	21s30	21s32	9n58			n.a.
F 2	9 13	5 4	5 0	18 20	2 15	10 13	7 7	21 59	0 10	21 42	1 17	20 30	1 7	0 19	0 38	11 50	1 55	3 54	11 6	21 28	21 31	10 0			n.a.
S 3	8 51	0s30	4 50	17 51	2 16	10 27	6 57	22 6	0 8	21 43	1 17	20 29	1 7	0 21	0 38	11 50	1 55	3 55	11 6	21 26	21 31	10 3			n.a.
S 4	8 29	6 4	4 20	17 20	2 16	10 39	6 46	22 12	0 7	21 43	1 17	20 27	1 7	0 22	0 38	11 49	1 55	3 55	11 6	21 24	21 30	10 5			n.a.
M 5	8 6	11 15	3 32	16 48	2 17	10 52	6 35	22 19	0 6	21 44	1 17	20 26	1 7	0 23	0 38	11 49	1 55	3 56	11 6	21 23	21 29	10 7			n.a.
T 6	7 44	15 40	2 31	16 14	2 16	11 3	6 23	22 25	0 4	21 45	1 17	20 25	1 7	0 25	0 38	11 49	1 55	3 56	11 5	21 22	21 29	10 9			n.a.
W 7	7 21	19 3	1 21	15 38	2 16	11 15	6 12	22 31	0 3	21 46	1 17	20 23	1 7	0 26	0 38	11 49	1 55	3 57	11 5	21 22	21 28	10 11			n.a.
T 8	6 58	21 12	0 8	15 1	2 14	11 25	6 1	22 37	0 2	21 47	1 17	20 22	1 7	0 27	0 38	11 48	1 55	3 57	11 5	21 21	21 28	10 13			n.a.
F 9	6 36	22 2	1n 4	14 22	2 13	11 36	5 49	22 43	0 0	21 48	1 17	20 20	1 8	0 29	0 38	11 48	1 55	3 58	11 5	21 21	21 27	10 15			n.a.
S 10	6 13	21 33	2 11	13 42	2 10	11 45	5 37	22 49	0s 1	21 48	1 17	20 19	1 8	0 30	0 38	11 48	1 56	3 58	11 5	21 21	21 27	10 17			n.a.
S 11	5 50	19 55	3 9	13 0	2 7	11 54	5 26	22 55	0 3	21 49	1 16	20 17	1 8	0 31	0 38	11 47	1 56	3 59	11 4	21 21	21 26	10 19			n.a.
M12	5 27	17 17	3 57	12 16	2 4	12 2	5 14	23 0	0 4	21 50	1 16	20 16	1 8	0 33	0 38	11 47	1 56	3 59	11 4	21 20	21 25	10 21			n.a.
T 13	5 4	13 54	4 32	11 31	2 0	12 10	5 3	23 6	0 6	21 50	1 16	20 15	1 8	0 34	0 38	11 47	1 56	4 0	11 4	21 18	21 25	10 23			n.a.
W14	4 40	9 57	4 53	10 44	1 56	12 17	4 51	23 11	0 7	21 51	1 16	20 13	1 8	0 35	0 38	11 46	1 56	4 0	11 4	21 16	21 24	10 25			n.a.
T 15	4 17	5 38	5 1	9 56	1 51	12 23	4 39	23 16	0 9	21 51	1 16	20 12	1 8	0 37	0 38	11 46	1 56	4 1	11 3	21 14	21 24	10 27			n.a.
F 16	3 54	1 10	4 55	9 6	1 45	12 29	4 28	23 21	0 10	21 52	1 16	20 11	1 9	0 38	0 38	11 45	1 56	4 1	11 3	21 11	21 23	10 29			n.a.
S 17	3 31	3n18	4 35	8 15	1 39	12 34	4 17	23 26	0 12	21 52	1 16	20 9	1 9	0 39	0 38	11 45	1 56	4 2	11 3	21 9	21 22	10 31			n.a.
S 18	3 7	7 37	4 4	7 22	1 33	12 38	4 5	23 30	0 14	21 53	1 16	20 8	1 9	0 41	0 38	11 45	1 56	4 2	11 3	21 7	21 22	10 34			n.a.
M19	2 44	11 37	3 22	6 28	1 26	12 42	3 54	23 35	0 15	21 53	1 16	20 7	1 9	0 42	0 38	11 44	1 56	4 3	11 3	21 5	21 21	10 36			n.a.
T 20	2 21	15 9	2 31	5 33	1 18	12 45	3 43	23 39	0 17	21 53	1 15	20 5	1 9	0 44	0 38	11 44	1 56	4 3	11 2	21 4	21 21	10 38			n.a.
W21	1 57	18 5	1 34	4 36	1 10	12 47	3 33	23 44	0 19	21 54	1 15	20 4	1 9	0 45	0 38	11 44	1 56	4 4	11 2	21 3	21 20	10 40			n.a.
T 22	1 34	20 16	0 32	3 38	1 2	12 49	3 22	23 48	0 20	21 54	1 15	20 3	1 9	0 46	0 38	11 43	1 56	4 4	11 2	21 3	21 20	10 42			n.a.
F 23	1 10	21 34	0s32	2 39	0 53	12 50	3 11	23 52	0 22	21 54	1 15	20 1	1 10	0 48	0 38	11 43	1 56	4 5	11 2	21 3	21 19	10 44			n.a.
S 24	0 47	21 51	1 36	1 40	0 43	12 50	3 1	23 56	0 24	21 54	1 15	20 0	1 10	0 49	0 38	11 42	1 56	4 5	11 2	21 3	21 18	10 46			n.a.
S 25	0 23	21 4	2 37	0 39	0 33	12 50	2 51	23 59	0 26	21 54	1 15	19 59	1 10	0 50	0 38	11 42	1 56	4 6	11 1	21 3	21 18	10 48			n.a.
M26	0n 0	19 10	3 31	0n21	0 23	12 49	2 41	24 3	0 28	21 54	1 15	19 58	1 10	0 52	0 38	11 41	1 56	4 6	11 1	21 2	21 17	10 50			n.a.
T 27	0 24	16 10	4 17	1 23	0 13	12 47	2 31	24 6	0 29	21 55	1 15	19 57	1 10	0 53	0 38	11 41	1 56	4 7	11 1	21 2	21 17	10 52			n.a.
W28	0 47	12 10	4 49	2 24	0 2	12 45	2 21	24 10	0 31	21 55	1 14	19 55	1 10	0 55	0 38	11 40	1 56	4 7	11 1	21 1	21 16	10 54			n.a.
T 29	1 10	7 22	5 4	3 25	0n 9	12 42	2 12	24 13	0 33	21 54	1 14	19 54	1 11	0 56	0 38	11 40	1 56	4 8	11 1	20 59	21 15	10 56			n.a.
F 30	1 34	2 0	5 0	4 26	0 19	12 38	2 2	24 16	0 35	21 54	1 14	19 53	1 11	0 57	0 38	11 40	1 56	4 8	11 0	20 57	21 15	10 58			n.a.
S 31	1n57	3s36	4s34	5n26	0n30	12s34	1n53	24s19	0s37	21n54	1n14	19s52	1s11	0n59	0s38	11s39	1n56	4n 9	11s 0	20s56	21s14	11n 0			n.a.

Julian Day Number = 1599488.5, Delta T = 04h00m04s
Ecliptic obliquity = 23°44'05, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'52, Lahiri = - 8°33'52 Julian Calendar 1 March 334 BCE == Greg. Calendar 24 Feb. 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

APRIL 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 16 26	5♈48'58	13♎48	14♈33	22♒41	27♐13	28♋35	7♒12	3♈56	5°R22	8♉44	2°R25	4♐ 6	19♈25	n.a.	S 1
M 2	12 20 22	6°46'58	29° 1	16°38	23°24	27°47	28°36	7°17	3°59	5♏20	8°45	2♐19	4° 3	19°31	n.a.	M 2
T 3	12 24 19	7°44'57	14♏ 1	18°41	24° 7	28°21	28°36	7°21	4° 3	5°19	8°46	2°16	3°59	19°38	n.a.	T 3
W 4	12 28 15	8°42'54	28°40	20°43	24°51	28°55	28°37	7°26	4° 6	5°17	8°47	2°D15	3°56	19°45	n.a.	W 4
T 5	12 32 12	9°40'50	12♐56	22°42	25°36	29°28	28°38	7°31	4° 9	5°16	8°49	2°15	3°53	19°51	n.a.	T 5
F 6	12 36 8	10°38'44	26°46	24°39	26°22	0♑ 2	28°39	7°35	4°13	5°15	8°50	2°16	3°50	19°58	n.a.	F 6
S 7	12 40 5	11°36'37	10♑11	26°33	27° 9	0°35	28°40	7°40	4°16	5°13	8°51	2°R17	3°47	20° 5	n.a.	S 7
S 8	12 44 2	12°34'29	23°14	28°24	27°56	1° 8	28°42	7°44	4°20	5°12	8°52	2°16	3°43	20°11	n.a.	S 8
M 9	12 47 58	13°32'19	5♒58	0♉12	28°45	1°41	28°43	7°49	4°23	5°10	8°54	2°14	3°40	20°18	n.a.	M 9
T 10	12 51 55	14°30'08	18°26	1°58	29°34	2°14	28°45	7°53	4°26	5° 9	8°55	2° 9	3°37	20°25	n.a.	T 10
W11	12 55 51	15°27'56	0♓42	3°40	0♓23	2°46	28°47	7°57	4°30	5° 7	8°56	2° 3	3°34	20°31	n.a.	W11
T 12	12 59 48	16°25'42	12°48	5°18	1°14	3°18	28°49	8° 2	4°33	5° 6	8°57	1°55	3°31	20°38	n.a.	T 12
F 13	13 3 44	17°23'27	24°48	6°53	2° 5	3°51	28°51	8° 6	4°37	5° 4	8°59	1°47	3°28	20°45	n.a.	F 13
S 14	13 7 41	18°21'10	6♈41	8°25	2°57	4°22	28°54	8°10	4°40	5° 3	9° 0	1°38	3°24	20°51	n.a.	S 14
S 15	13 11 37	19°18'52	18°32	9°53	3°49	4°54	28°56	8°14	4°43	5° 1	9° 1	1°31	3°21	20°58	n.a.	S 15
M16	13 15 34	20°16'33	0♉21	11°18	4°42	5°26	28°59	8°17	4°47	5° 0	9° 3	1°25	3°18	21° 5	n.a.	M16
T 17	13 19 30	21°14'12	12°10	12°39	5°36	5°57	29° 2	8°21	4°50	4°58	9° 4	1°22	3°15	21°11	n.a.	T 17
W18	13 23 27	22°11'50	24° 2	13°56	6°30	6°28	29° 5	8°25	4°53	4°57	9° 5	1°20	3°12	21°18	n.a.	W18
T 19	13 27 24	23° 9'26	5♊59	15°10	7°24	6°59	29° 9	8°28	4°57	4°55	9° 7	1°D20	3° 8	21°25	n.a.	T 19
F 20	13 31 20	24° 7'01	18° 5	16°19	8°19	7°30	29°12	8°32	5° 0	4°53	9° 8	1°21	3° 5	21°31	n.a.	F 20
S 21	13 35 17	25° 4'34	0♋24	17°25	9°15	8° 0	29°16	8°35	5° 3	4°52	9° 9	1°22	3° 2	21°38	n.a.	S 21
S 22	13 39 13	26° 2'06	12°59	18°27	10°11	8°31	29°20	8°39	5° 7	4°50	9°11	1°24	2°59	21°45	n.a.	S 22
M23	13 43 10	26°59'36	25°55	19°25	11° 7	9° 1	29°24	8°42	5°10	4°49	9°12	1°R24	2°56	21°52	n.a.	M23
T 24	13 47 6	27°57'05	9♌15	20°18	12° 4	9°30	29°28	8°45	5°13	4°47	9°13	1°24	2°53	21°58	n.a.	T 24
W25	13 51 3	28°54'32	23° 2	21° 8	13° 1	10° 0	29°32	8°48	5°16	4°45	9°15	1°22	2°49	22° 5	n.a.	W25
T 26	13 55 0	29°51'58	7♍16	21°54	13°59	10°29	29°37	8°51	5°20	4°44	9°16	1°19	2°46	22°12	n.a.	T 26
F 27	13 58 56	0♉49'23	21°56	22°35	14°57	10°58	29°42	8°54	5°23	4°42	9°17	1°15	2°43	22°18	n.a.	F 27
S 28	14 2 53	1°46'46	6♎56	23°11	15°56	11°27	29°46	8°57	5°26	4°41	9°19	1°11	2°40	22°25	n.a.	S 28
S 29	14 6 49	2°44'08	22° 7	23°44	16°54	11°55	29°51	8°59	5°29	4°39	9°20	1° 7	2°37	22°32	n.a.	S 29
M30	14 10 46	3♉41'28	7♏21	24♉12	17♓54	12♑23	29♋56	9♒ 2	5♈32	4♏37	9♉21	1♐ 4	2♐34	22♈38	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n20	9s 1	3s50	6n26	0n41	12s29	1n44	24s22	0s39	21n54	1n14	19s51	1s11	1n 0	0s38	11s39	1n56	4n 9	11s 0	20s54	21s14	11n 2		n.a.
M 2	2 43	13 52	2 48	7 25	0 52	12 24	1 35	24 24	0 41	21 54	1 14	19 50	1 11	1 2	0 38	11 38	1 56	4 10	11 0	20 53	21 13	11 4		n.a.
T 3	3 7	17 46	1 36	8 22	1 2	12 17	1 26	24 27	0 43	21 54	1 14	19 49	1 11	1 3	0 38	11 38	1 56	4 10	11 0	20 52	21 12	11 6		n.a.
W 4	3 30	20 25	0 19	9 18	1 12	12 11	1 18	24 29	0 45	21 53	1 13	19 47	1 12	1 4	0 38	11 37	1 56	4 11	11 0	20 52	21 12	11 8		n.a.
T 5	3 53	21 41	0n57	10 12	1 22	12 3	1 10	24 32	0 48	21 53	1 13	19 46	1 12	1 6	0 38	11 37	1 57	4 12	11 0	20 52	21 11	11 10		n.a.
F 6	4 16	21 34	2 8	11 5	1 31	11 55	1 1	24 34	0 50	21 53	1 13	19 45	1 12	1 7	0 38	11 36	1 57	4 12	10 59	20 52	21 11	11 12		n.a.
S 7	4 39	20 11	3 10	11 55	1 40	11 47	0 54	24 36	0 52	21 52	1 13	19 44	1 12	1 8	0 38	11 36	1 57	4 13	10 59	20 52	21 10	11 14		n.a.
S 8	5 2	17 46	4 0	12 44	1 49	11 37	0 46	24 38	0 54	21 52	1 13	19 43	1 12	1 10	0 38	11 35	1 57	4 13	10 59	20 52	21 9	11 16		n.a.
M 9	5 24	14 33	4 36	13 30	1 56	11 28	0 38	24 40	0 56	21 51	1 13	19 42	1 12	1 11	0 38	11 35	1 57	4 14	10 59	20 52	21 9	11 18		n.a.
T 10	5 47	10 45	4 59	14 14	2 3	11 17	0 31	24 42	0 59	21 51	1 13	19 41	1 13	1 13	0 38	11 34	1 57	4 14	10 59	20 51	21 8	11 20		n.a.
W11	6 10	6 34	5 8	14 55	2 10	11 6	0 23	24 43	1 1	21 50	1 12	19 41	1 13	1 14	0 38	11 34	1 57	4 15	10 59	20 50	21 8	11 22		n.a.
T 12	6 32	2 11	5 2	15 35	2 16	10 55	0 16	24 45	1 3	21 50	1 12	19 40	1 13	1 15	0 38	11 33	1 57	4 15	10 59	20 48	21 7	11 24		n.a.
F 13	6 55	2n14	4 44	16 11	2 21	10 43	0 9	24 46	1 6	21 49	1 12	19 39	1 13	1 17	0 38	11 32	1 57	4 16	10 58	20 46	21 6	11 26		n.a.
S 14	7 17	6 33	4 13	16 46	2 25	10 30	0 3	24 48	1 8	21 48	1 12	19 38	1 13	1 18	0 38	11 32	1 57	4 16	10 58	20 45	21 6	11 28		n.a.
S 15	7 39	10 36	3 31	17 18	2 28	10 17	0s 4	24 49	1 11	21 48	1 12	19 37	1 14	1 19	0 38	11 31	1 57	4 17	10 58	20 43	21 5	11 30		n.a.
M16	8 1	14 14	2 40	17 47	2 31	10 4	0 10	24 50	1 13	21 47	1 12	19 36	1 14	1 21	0 38	11 31	1 57	4 17	10 58	20 42	21 4	11 31		n.a.
T 17	8 23	17 18	1 42	18 14	2 32	9 50	0 17	24 52	1 16	21 46	1 12	19 35	1 14	1 22	0 38	11 30	1 57	4 18	10 58	20 41	21 4	11 33		n.a.
W18	8 45	19 39	0 40	18 39	2 33	9 35	0 23	24 53	1 18	21 45	1 11	19 35	1 14	1 23	0 38	11 30	1 57	4 18	10 58	20 41	21 3	11 35		n.a.
T 19	9 6	21 9	0s25	19 1	2 33	9 20	0 29	24 54	1 21	21 45	1 11	19 34	1 14	1 25	0 38	11 29	1 57	4 19	10 58	20 41	21 3	11 37		n.a.
F 20	9 28	21 42	1 30	19 21	2 32	9 5	0 34	24 55	1 24	21 44	1 11	19 33	1 15	1 26	0 38	11 29	1 57	4 19	10 58	20 41	21 2	11 39		n.a.
S 21	9 49	21 12	2 32	19 39	2 31	8 49	0 40	24 55	1 26	21 43	1 11	19 32	1 15	1 27	0 38	11 28	1 57	4 20	10 58	20 41	21 1	11 41		n.a.
S 22	10 11	19 39	3 28	19 54	2 28	8 33	0 45	24 56	1 29	21 42	1 11	19 32	1 15	1 29	0 38	11 28	1 57	4 20	10 57	20 42	21 1	11 43		n.a.
M23	10 32	17 3	4 15	20 7	2 25	8 16	0 51	24 57	1 32	21 41	1 11	19 31	1 15	1 30	0 38	11 27	1 57	4 21	10 57	20 42	21 0	11 45		n.a.
T 24	10 52	13 30	4 50	20 17	2 20	7 58	0 56	24 58	1 35	21 40	1 11	19 30	1 15	1 31	0 38	11 27	1 57	4 21	10 57	20 42	21 0	11 47		n.a.
W25	11 13	9 8	5 10	20 26	2 15	7 41	1 1	24 58	1 37	21 39	1 11	19 30	1 16	1 32	0 38	11 26	1 57	4 22	10 57	20 41	20 59	11 49		n.a.
T 26	11 34	4 8	5 11	20 32	2 8	7 23	1 5	24 59	1 40	21 38	1 10	19 29	1 16	1 34	0 38	11 25	1 57	4 22	10 57	20 41	20 58	11 51		n.a.
F 27	11 54	1s14	4 53	20 36	2 1	7 4	1 10	24 59	1 43	21 37	1 10	19 28	1 16	1 35	0 38	11 25	1 57	4 23	10 57	20 40	20 58	11 53		n.a.
S 28	12 14	6 40	4 14	20 37	1 53	6 46	1 14	25 0	1 46	21 35	1 10	19 28	1 16	1 36	0 38	11 24	1 57	4 23	10 57	20 39	20 57	11 55		n.a.
S 29	12 34	11 46	3 18	20 37	1 44	6 26	1 19	25 0	1 49	21 34	1 10	19 27	1 16	1 38	0 38	11 24	1 57	4 24	10 57	20 38	20 56	11 57		n.a.
M30	12n54	16s 7	2s 7	20n34	1n34	6s 7	1s23	25s 1	1s52	21n33	1n10	19s27	1s17	1n39	0s38	11s23	1n57	4n24	10s57	20s38	20s56	11n58		n.a.

Julian Day Number = 1599519.5, Delta T = 04h00m03s
Ecliptic obliquity = 23°44'05, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'48, Lahiri = - 8°33'48 Julian Calendar 1 Apr. 334 BCE == Greg. Calendar 27 March 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

MAY 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 14 42	4♉38'48	22♏26	24♉35	18♓53	12♑51	0♌ 2	9♒ 5	5♈35	4°R36	9♉23	1°R 3	2♐30	22♈45	n.a.	T 1
W 2	14 18 39	5°36'07	7♐15	24°54	19°53	13°19	0° 7	9° 7	5°38	4♏34	9°24	1°D 3	2°27	22°52	n.a.	W 2
T 3	14 22 35	6°33'26	21°42	25° 8	20°53	13°46	0°13	9° 9	5°41	4°32	9°26	1♐ 4	2°24	22°58	n.a.	T 3
F 4	14 26 32	7°30'43	5♑42	25°17	21°54	14°13	0°18	9°12	5°45	4°31	9°27	1° 5	2°21	23° 5	n.a.	F 4
S 5	14 30 29	8°28'00	19°16	25°22	22°55	14°40	0°24	9°14	5°48	4°29	9°28	1° 6	2°18	23°12	n.a.	S 5
S 6	14 34 25	9°25'17	2♒24	25°R22	23°56	15° 6	0°30	9°16	5°51	4°28	9°30	1° 7	2°14	23°18	n.a.	S 6
M 7	14 38 22	10°22'33	15°10	25°18	24°57	15°32	0°36	9°18	5°54	4°26	9°31	1°R 7	2°11	23°25	n.a.	M 7
T 8	14 42 18	11°19'48	27°37	25°10	25°59	15°57	0°43	9°20	5°56	4°24	9°32	1° 7	2° 8	23°32	n.a.	T 8
W 9	14 46 15	12°17'03	9♓49	24°57	27° 1	16°23	0°49	9°21	5°59	4°23	9°34	1° 5	2° 5	23°38	n.a.	W 9
T 10	14 50 11	13°14'17	21°50	24°40	28° 3	16°47	0°56	9°23	6° 2	4°21	9°35	1° 3	2° 2	23°45	n.a.	T 10
F 11	14 54 8	14°11'31	3♈44	24°20	29° 6	17°12	1° 2	9°25	6° 5	4°20	9°37	1° 0	1°59	23°52	n.a.	F 11
S 12	14 58 4	15° 8'44	15°34	23°57	0♈ 9	17°36	1° 9	9°26	6° 8	4°18	9°38	0°58	1°55	23°58	n.a.	S 12
S 13	15 2 1	16° 5'57	27°22	23°30	1°12	18° 0	1°16	9°27	6°11	4°16	9°39	0°55	1°52	24° 5	n.a.	S 13
M14	15 5 58	17° 3'09	9♉12	23° 1	2°15	18°23	1°23	9°29	6°14	4°15	9°41	0°54	1°49	24°12	n.a.	M14
T 15	15 9 54	18° 0'21	21° 6	22°30	3°18	18°46	1°30	9°30	6°16	4°13	9°42	0°53	1°46	24°18	n.a.	T 15
W16	15 13 51	18°57'32	3♊ 5	21°57	4°22	19° 8	1°38	9°31	6°19	4°12	9°43	0°D53	1°43	24°25	n.a.	W16
T 17	15 17 47	19°54'43	15°12	21°23	5°26	19°30	1°45	9°32	6°22	4°10	9°45	0°53	1°40	24°32	n.a.	T 17
F 18	15 21 44	20°51'53	27°29	20°49	6°30	19°51	1°53	9°33	6°25	4° 9	9°46	0°54	1°36	24°38	n.a.	F 18
S 19	15 25 40	21°49'03	9♋58	20°15	7°34	20°12	2° 1	9°34	6°27	4° 7	9°48	0°55	1°33	24°45	n.a.	S 19
S 20	15 29 37	22°46'12	22°42	19°42	8°39	20°33	2° 8	9°34	6°30	4° 6	9°49	0°56	1°30	24°52	n.a.	S 20
M21	15 33 33	23°43'20	5♌43	19°10	9°44	20°53	2°16	9°35	6°32	4° 4	9°50	0°56	1°27	24°58	n.a.	M21
T 22	15 37 30	24°40'28	19° 3	18°40	10°48	21°12	2°24	9°35	6°35	4° 3	9°52	0°R56	1°24	25° 5	n.a.	T 22
W23	15 41 27	25°37'35	2♍45	18°12	11°53	21°31	2°33	9°36	6°38	4° 1	9°53	0°56	1°20	25°12	n.a.	W23
T 24	15 45 23	26°34'42	16°48	17°47	12°59	21°50	2°41	9°36	6°40	4° 0	9°54	0°56	1°17	25°18	n.a.	T 24
F 25	15 49 20	27°31'48	1♎13	17°26	14° 4	22° 8	2°49	9°36	6°43	3°58	9°56	0°56	1°14	25°25	n.a.	F 25
S 26	15 53 16	28°28'53	15°54	17° 8	15°10	22°25	2°58	9°R36	6°45	3°57	9°57	0°56	1°11	25°32	n.a.	S 26
S 27	15 57 13	29°25'58	0♏48	16°54	16°15	22°42	3° 7	9°36	6°47	3°55	9°58	0°55	1° 8	25°38	n.a.	S 27
M28	16 1 9	0♊23'03	15°47	16°44	17°21	22°58	3°15	9°36	6°50	3°54	10° 0	0°55	1° 5	25°45	n.a.	M28
T 29	16 5 6	1°20'08	0♐43	16°39	18°27	23°14	3°24	9°36	6°52	3°53	10° 1	0°55	1° 1	25°52	n.a.	T 29
W30	16 9 2	2°17'13	15°29	16°D38	19°33	23°29	3°33	9°35	6°54	3°51	10° 2	0°55	0°58	25°58	n.a.	W30
T 31	16 12 59	3♊14'18	29♐56	16♉43	20♈40	23♑43	3♌42	9♒35	6♈57	3♏50	10♉ 3	0♐55	0♐55	26♈ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	13n14	19s22	0s47	20n29	1n23	5s47	1s27	25s 1	1s55	21n32	1n10	19s26	1s17	1n40	0s38	11s23	1n57	4n25	10s57	20s37	20s55	12n 0			n.a.
W 2	13 33	21 14	0n34	20 23	1 11	5 27	1 31	25 1	1 58	21 30	1 10	19 26	1 17	1 41	0 38	11 22	1 57	4 25	10 57	20 37	20 54	12 2			n.a.
T 3	13 52	21 37	1 51	20 14	0 59	5 6	1 34	25 2	2 1	21 29	1 9	19 26	1 17	1 42	0 38	11 22	1 57	4 26	10 57	20 37	20 54	12 4			n.a.
F 4	14 11	20 37	2 59	20 3	0 46	4 45	1 38	25 2	2 5	21 28	1 9	19 25	1 17	1 44	0 38	11 21	1 57	4 26	10 57	20 38	20 53	12 6			n.a.
S 5	14 30	18 27	3 55	19 51	0 31	4 24	1 41	25 2	2 8	21 26	1 9	19 25	1 18	1 45	0 38	11 21	1 57	4 26	10 57	20 38	20 53	12 8			n.a.
S 6	14 49	15 22	4 37	19 37	0 17	4 2	1 45	25 2	2 11	21 25	1 9	19 24	1 18	1 46	0 38	11 20	1 57	4 27	10 57	20 38	20 52	12 10			n.a.
M 7	15 7	11 39	5 3	19 21	0 1	3 40	1 48	25 3	2 15	21 23	1 9	19 24	1 18	1 47	0 38	11 20	1 57	4 27	10 56	20 38	20 51	12 12			n.a.
T 8	15 25	7 32	5 15	19 3	0s15	3 18	1 51	25 3	2 18	21 22	1 9	19 24	1 18	1 48	0 38	11 19	1 57	4 28	10 56	20 38	20 51	12 14			n.a.
W 9	15 43	3 11	5 12	18 44	0 31	2 56	1 54	25 3	2 21	21 20	1 9	19 23	1 18	1 50	0 38	11 18	1 57	4 28	10 56	20 38	20 50	12 15			n.a.
T 10	16 0	1n14	4 55	18 24	0 48	2 33	1 56	25 3	2 25	21 19	1 9	19 23	1 19	1 51	0 38	11 18	1 57	4 29	10 56	20 37	20 49	12 17			n.a.
F 11	16 18	5 33	4 26	18 3	1 5	2 11	1 59	25 4	2 28	21 17	1 8	19 23	1 19	1 52	0 38	11 17	1 57	4 29	10 56	20 37	20 49	12 19			n.a.
S 12	16 35	9 39	3 45	17 40	1 21	1 48	2 1	25 4	2 32	21 16	1 8	19 23	1 19	1 53	0 38	11 17	1 57	4 30	10 56	20 36	20 48	12 21			n.a.
S 13	16 52	13 23	2 55	17 17	1 38	1 24	2 4	25 4	2 35	21 14	1 8	19 23	1 19	1 54	0 38	11 16	1 57	4 30	10 56	20 36	20 47	12 23			n.a.
M14	17 8	16 35	1 57	16 54	1 55	1 1	2 6	25 5	2 39	21 12	1 8	19 23	1 19	1 55	0 38	11 16	1 57	4 30	10 56	20 35	20 47	12 25			n.a.
T 15	17 24	19 7	0 54	16 30	2 11	0 37	2 8	25 5	2 43	21 10	1 8	19 22	1 20	1 56	0 38	11 15	1 57	4 31	10 56	20 35	20 46	12 27			n.a.
W16	17 40	20 50	0s12	16 7	2 27	0 13	2 10	25 6	2 46	21 9	1 8	19 22	1 20	1 57	0 38	11 15	1 57	4 31	10 56	20 35	20 46	12 28			n.a.
T 17	17 56	21 36	1 19	15 43	2 42	0n10	2 12	25 6	2 50	21 7	1 8	19 22	1 20	1 59	0 38	11 14	1 57	4 32	10 56	20 35	20 45	12 30			n.a.
F 18	18 12	21 20	2 22	15 21	2 56	0 35	2 13	25 7	2 54	21 5	1 8	19 22	1 20	2 0	0 38	11 14	1 57	4 32	10 56	20 35	20 44	12 32			n.a.
S 19	18 27	20 2	3 20	14 59	3 10	0 59	2 15	25 7	2 58	21 3	1 7	19 22	1 21	2 1	0 38	11 13	1 57	4 33	10 56	20 36	20 44	12 34			n.a.
S 20	18 41	17 42	4 10	14 38	3 22	1 23	2 16	25 8	3 2	21 1	1 7	19 22	1 21	2 2	0 38	11 13	1 57	4 33	10 56	20 36	20 43	12 36			n.a.
M21	18 56	14 26	4 47	14 19	3 33	1 48	2 17	25 9	3 6	20 59	1 7	19 22	1 21	2 3	0 38	11 12	1 57	4 33	10 56	20 36	20 42	12 38			n.a.
T 22	19 10	10 22	5 11	14 1	3 43	2 12	2 19	25 10	3 10	20 57	1 7	19 22	1 21	2 4	0 38	11 12	1 56	4 34	10 56	20 36	20 42	12 40			n.a.
W23	19 24	5 41	5 17	13 45	3 52	2 37	2 20	25 11	3 14	20 55	1 7	19 22	1 21	2 5	0 38	11 11	1 56	4 34	10 56	20 36	20 41	12 41			n.a.
T 24	19 38	0 35	5 5	13 31	3 59	3 2	2 20	25 12	3 18	20 53	1 7	19 23	1 22	2 6	0 38	11 11	1 56	4 35	10 56	20 36	20 40	12 43			n.a.
F 25	19 51	4s40	4 34	13 20	4 5	3 27	2 21	25 13	3 22	20 51	1 7	19 23	1 22	2 7	0 38	11 10	1 56	4 35	10 56	20 36	20 40	12 45			n.a.
S 26	20 4	9 47	3 45	13 11	4 9	3 52	2 22	25 14	3 26	20 49	1 7	19 23	1 22	2 8	0 38	11 10	1 56	4 35	10 57	20 36	20 39	12 47			n.a.
S 27	20 17	14 23	2 40	13 4	4 12	4 17	2 22	25 15	3 30	20 47	1 7	19 23	1 22	2 9	0 38	11 9	1 56	4 36	10 57	20 36	20 38	12 49			n.a.
M28	20 29	18 6	1 23	12 59	4 14	4 42	2 23	25 16	3 34	20 45	1 7	19 23	1 22	2 9	0 38	11 9	1 56	4 36	10 57	20 36	20 38	12 50			n.a.
T 29	20 41	20 34	0 1	12 58	4 14	5 7	2 23	25 18	3 39	20 43	1 6	19 24	1 23	2 10	0 38	11 9	1 56	4 36	10 57	20 36	20 37	12 52			n.a.
W30	20 52	21 36	1n20	12 58	4 13	5 32	2 23	25 19	3 43	20 40	1 6	19 24	1 23	2 11	0 38	11 8	1 56	4 37	10 57	20 36	20 36	12 54			n.a.
T 31	21n 4	21s10	2n34	13n 1	4s11	5n57	2s24	25s21	3s47	20n38	1n 6	19s24	1s23	2n12	0s38	11s 8	1n56	4n37	10s57	20s36	20s36	12n56			n.a.

Julian Day Number = 1599549.5, Delta T = 04h00m02s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'44, Lahiri = - 8°33'44 Julian Calendar 1 May 334 BCE == Greg. Calendar 26 Apr. 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

JUNE 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 16 56	4♊11'23	14♑ 1	16♉52	21♈46	23♑57	3♎51	9°R35	6♈59	3°R48	10♉ 5	0°R55	0♐52	26♈12	n.a.	F 1
S 2	16 20 52	5° 8'28	27°40	17° 6	22°53	24°11	4° 1	9♒34	7° 1	3♏47	10° 6	0♐54	0°49	26°19	n.a.	S 2
S 3	16 24 49	6° 5'34	10♒54	17°25	24° 0	24°23	4°10	9°33	7° 3	3°46	10° 7	0°54	0°46	26°25	n.a.	S 3
M 4	16 28 45	7° 2'39	23°44	17°49	25° 7	24°35	4°20	9°32	7° 5	3°44	10° 8	0°54	0°42	26°32	n.a.	M 4
T 5	16 32 42	7°59'46	6♓13	18°18	26°14	24°46	4°29	9°31	7° 7	3°43	10°10	0°D53	0°39	26°39	n.a.	T 5
W 6	16 36 38	8°56'52	18°26	18°52	27°21	24°57	4°39	9°30	7° 9	3°42	10°11	0°54	0°36	26°45	n.a.	W 6
T 7	16 40 35	9°53'59	0♈26	19°31	28°28	25° 7	4°49	9°29	7°11	3°41	10°12	0°54	0°33	26°52	n.a.	T 7
F 8	16 44 31	10°51'07	12°19	20°15	29°36	25°16	4°58	9°28	7°13	3°40	10°13	0°55	0°30	26°59	n.a.	F 8
S 9	16 48 28	11°48'15	24° 8	21° 4	0♉43	25°24	5° 8	9°27	7°15	3°38	10°15	0°56	0°26	27° 5	n.a.	S 9
S 10	16 52 25	12°45'24	5♉57	21°57	1°51	25°32	5°18	9°25	7°17	3°37	10°16	0°57	0°23	27°12	n.a.	S 10
M11	16 56 21	13°42'33	17°51	22°55	2°59	25°39	5°29	9°24	7°19	3°36	10°17	0°58	0°20	27°19	n.a.	M11
T 12	17 0 18	14°39'43	29°51	23°58	4° 7	25°45	5°39	9°22	7°21	3°35	10°18	0°R58	0°17	27°25	n.a.	T 12
W13	17 4 14	15°36'53	12♊ 1	25° 6	5°15	25°51	5°49	9°21	7°22	3°34	10°19	0°58	0°14	27°32	n.a.	W13
T 14	17 8 11	16°34'03	24°22	26°18	6°23	25°55	5°59	9°19	7°24	3°33	10°20	0°57	0°11	27°39	n.a.	T 14
F 15	17 12 7	17°31'15	6♋56	27°34	7°32	25°59	6°10	9°17	7°26	3°32	10°22	0°55	0° 7	27°45	n.a.	F 15
S 16	17 16 4	18°28'26	19°43	28°55	8°40	26° 2	6°20	9°15	7°27	3°31	10°23	0°53	0° 4	27°52	n.a.	S 16
S 17	17 20 1	19°25'38	2♌44	0♊20	9°49	26° 5	6°31	9°13	7°29	3°30	10°24	0°50	0° 1	27°59	n.a.	S 17
M18	17 23 57	20°22'50	15°59	1°49	10°57	26° 6	6°42	9°11	7°30	3°29	10°25	0°48	29♏58	28° 5	n.a.	M18
T 19	17 27 54	21°20'03	29°28	3°22	12° 6	26°R 7	6°53	9° 9	7°32	3°28	10°26	0°46	29°55	28°12	n.a.	T 19
W20	17 31 50	22°17'16	13♍13	4°59	13°15	26° 7	7° 3	9° 6	7°33	3°27	10°27	0°44	29°52	28°19	n.a.	W20
T 21	17 35 47	23°14'29	27°11	6°40	14°24	26° 6	7°14	9° 4	7°35	3°26	10°28	0°D44	29°48	28°25	n.a.	T 21
F 22	17 39 43	24°11'43	11♎22	8°24	15°33	26° 5	7°25	9° 1	7°36	3°25	10°29	0°45	29°45	28°32	n.a.	F 22
S 23	17 43 40	25° 8'57	25°45	10°12	16°42	26° 2	7°36	8°59	7°37	3°24	10°30	0°46	29°42	28°39	n.a.	S 23
S 24	17 47 36	26° 6'12	10♏16	12° 3	17°51	25°59	7°48	8°56	7°38	3°23	10°31	0°48	29°39	28°45	n.a.	S 24
M25	17 51 33	27° 3'27	24°52	13°57	19° 0	25°55	7°59	8°53	7°40	3°22	10°32	0°R48	29°36	28°52	n.a.	M25
T 26	17 55 30	28° 0'43	9♐26	15°53	20°10	25°51	8°10	8°51	7°41	3°22	10°33	0°48	29°32	28°59	n.a.	T 26
W27	17 59 26	28°58'00	23°54	17°52	21°19	25°45	8°21	8°48	7°42	3°21	10°34	0°47	29°29	29° 5	n.a.	W27
T 28	18 3 23	29°55'18	8♑10	19°52	22°29	25°39	8°33	8°45	7°43	3°20	10°35	0°44	29°26	29°12	n.a.	T 28
F 29	18 7 19	0♋52'37	22° 8	21°54	23°39	25°32	8°44	8°42	7°44	3°19	10°36	0°40	29°23	29°19	n.a.	F 29
S 30	18 11 16	1♋49'56	5♒45	23♊58	24♉49	25♑25	8♌56	8♒38	7♈45	3♏19	10♉37	0♐35	29♏20	29♈25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n15	19s23	3n37	13n 7	4s 8	6n22	2s24	25s23	3s52	20n36	1n 6	19s25	1s23	2n13	0s38	11s 7	1n56	4n37	10s57	20s36	20s35	12n58		n.a.
S 2	21 25	16 32	4 26	13 15	4 4	6 47	2 23	25 25	3 56	20 34	1 6	19 25	1 24	2 14	0 38	11 7	1 56	4 38	10 57	20 36	20 34	12 59		n.a.
S 3	21 35	12 56	4 58	13 26	3 58	7 12	2 23	25 27	4 0	20 31	1 6	19 25	1 24	2 15	0 38	11 6	1 56	4 38	10 57	20 35	20 34	13 1		n.a.
M 4	21 45	8 49	5 15	13 39	3 52	7 37	2 23	25 29	4 5	20 29	1 6	19 26	1 24	2 16	0 38	11 6	1 56	4 38	10 57	20 35	20 33	13 3		n.a.
T 5	21 55	4 27	5 16	13 54	3 45	8 2	2 22	25 31	4 9	20 26	1 6	19 26	1 24	2 16	0 38	11 6	1 56	4 39	10 57	20 35	20 32	13 5		n.a.
W 6	22 4	0n 0	5 3	14 11	3 37	8 27	2 22	25 34	4 14	20 24	1 6	19 27	1 24	2 17	0 39	11 5	1 56	4 39	10 57	20 35	20 32	13 7		n.a.
T 7	22 13	4 23	4 36	14 30	3 28	8 52	2 21	25 36	4 18	20 21	1 6	19 27	1 25	2 18	0 39	11 5	1 56	4 39	10 57	20 35	20 31	13 8		n.a.
F 8	22 21	8 34	3 58	14 50	3 18	9 17	2 21	25 39	4 23	20 19	1 6	19 28	1 25	2 19	0 39	11 5	1 56	4 40	10 57	20 36	20 30	13 10		n.a.
S 9	22 29	12 25	3 10	15 13	3 8	9 41	2 20	25 42	4 28	20 16	1 5	19 28	1 25	2 19	0 39	11 4	1 56	4 40	10 57	20 36	20 30	13 12		n.a.
S 10	22 36	15 47	2 14	15 37	2 58	10 6	2 19	25 45	4 32	20 14	1 5	19 29	1 25	2 20	0 39	11 4	1 56	4 40	10 57	20 36	20 29	13 14		n.a.
M11	22 44	18 31	1 12	16 3	2 46	10 30	2 18	25 48	4 37	20 11	1 5	19 30	1 25	2 21	0 39	11 3	1 56	4 40	10 58	20 36	20 28	13 15		n.a.
T 12	22 50	20 28	0 6	16 30	2 35	10 54	2 17	25 51	4 41	20 9	1 5	19 30	1 26	2 21	0 39	11 3	1 56	4 41	10 58	20 36	20 28	13 17		n.a.
W13	22 57	21 30	1s 1	16 58	2 23	11 18	2 16	25 55	4 46	20 6	1 5	19 31	1 26	2 22	0 39	11 3	1 56	4 41	10 58	20 36	20 27	13 19		n.a.
T 14	23 3	21 31	2 6	17 27	2 10	11 42	2 14	25 59	4 51	20 3	1 5	19 32	1 26	2 23	0 39	11 2	1 56	4 41	10 58	20 36	20 26	13 21		n.a.
F 15	23 8	20 27	3 6	17 57	1 58	12 6	2 13	26 2	4 55	20 1	1 5	19 32	1 26	2 23	0 39	11 2	1 56	4 41	10 58	20 36	20 26	13 22		n.a.
S 16	23 14	18 21	3 58	18 28	1 45	12 29	2 12	26 6	5 0	19 58	1 5	19 33	1 26	2 24	0 39	11 2	1 56	4 42	10 58	20 35	20 25	13 24		n.a.
S 17	23 18	15 17	4 38	18 59	1 32	12 53	2 10	26 10	5 4	19 55	1 5	19 34	1 27	2 25	0 39	11 2	1 55	4 42	10 58	20 35	20 24	13 26		n.a.
M18	23 23	11 24	5 5	19 30	1 19	13 16	2 9	26 14	5 9	19 52	1 5	19 34	1 27	2 25	0 39	11 1	1 55	4 42	10 58	20 34	20 24	13 28		n.a.
T 19	23 27	6 53	5 15	20 1	1 6	13 38	2 7	26 19	5 13	19 50	1 5	19 35	1 27	2 26	0 39	11 1	1 55	4 42	10 58	20 34	20 23	13 29		n.a.
W20	23 30	1 57	5 8	20 32	0 52	14 1	2 5	26 23	5 18	19 47	1 5	19 36	1 27	2 26	0 39	11 1	1 55	4 43	10 58	20 33	20 22	13 31		n.a.
T 21	23 34	3s10	4 42	21 2	0 39	14 23	2 4	26 28	5 22	19 44	1 5	19 37	1 27	2 27	0 39	11 0	1 55	4 43	10 59	20 33	20 21	13 33		n.a.
F 22	23 36	8 13	3 59	21 32	0 27	14 45	2 2	26 32	5 27	19 41	1 5	19 38	1 28	2 27	0 39	11 0	1 55	4 43	10 59	20 34	20 21	13 35		n.a.
S 23	23 39	12 53	3 1	22 1	0 14	15 7	2 0	26 37	5 31	19 38	1 5	19 39	1 28	2 28	0 39	11 0	1 55	4 43	10 59	20 34	20 20	13 36		n.a.
S 24	23 41	16 50	1 51	22 29	0 2	15 29	1 58	26 42	5 36	19 35	1 4	19 40	1 28	2 28	0 39	11 0	1 55	4 43	10 59	20 34	20 19	13 38		n.a.
M25	23 42	19 45	0 33	22 55	0n10	15 50	1 56	26 47	5 40	19 32	1 4	19 40	1 28	2 29	0 39	10 59	1 55	4 44	10 59	20 34	20 19	13 40		n.a.
T 26	23 43	21 22	0n47	23 19	0 21	16 11	1 54	26 52	5 44	19 29	1 4	19 41	1 28	2 29	0 39	10 59	1 55	4 44	10 59	20 34	20 18	13 41		n.a.
W27	23 44	21 32	2 3	23 42	0 32	16 31	1 51	26 57	5 48	19 26	1 4	19 42	1 29	2 30	0 39	10 59	1 55	4 44	10 59	20 34	20 17	13 43		n.a.
T 28	23 44	20 18	3 11	24 2	0 42	16 52	1 49	27 2	5 52	19 23	1 4	19 43	1 29	2 30	0 39	10 59	1 55	4 44	10 59	20 33	20 17	13 45		n.a.
F 29	23 44	17 52	4 5	24 20	0 51	17 11	1 47	27 7	5 56	19 20	1 4	19 44	1 29	2 30	0 39	10 59	1 55	4 44	11 0	20 33	20 16	13 46		n.a.
S 30	23n43	14s29	4n44	24n36	1n 0	17n31	1s45	27s13	6s 0	19n17	1n 4	19s45	1s29	2n31	0s39	10s59	1n55	4n44	11s 0	20s32	20s15	13n48		n.a.

Julian Day Number = 1599580.5, Delta T = 04h00m01s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'40, Lahiri = - 8°33'39 Julian Calendar 1 June 334 BCE == Greg. Calendar 27 May 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

JULY 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 15 12	2♋47'17	18♒59	26♊ 2	25♉58	25°R16	9♌ 7	8°R35	7♈46	3°R18	10♉38	0°R31	29♏17	29♈32	n.a.	S 1
M 2	18 19 9	3°44'39	1♓51	28° 7	27° 8	25♉ 7	9°19	8♒32	7°47	3♏18	10°39	0♐26	29°13	29°39	n.a.	M 2
T 3	18 23 5	4°42'02	14°22	0♋12	28°19	24°58	9°31	8°29	7°48	3°17	10°40	0°23	29°10	29°45	n.a.	T 3
W 4	18 27 2	5°39'27	26°36	2°18	29°29	24°47	9°43	8°25	7°48	3°16	10°41	0°21	29° 7	29°52	n.a.	W 4
T 5	18 30 59	6°36'53	8♈37	4°23	0♊39	24°36	9°54	8°22	7°49	3°16	10°42	0°D21	29° 4	29°59	n.a.	T 5
F 6	18 34 55	7°34'20	20°29	6°27	1°49	24°25	10° 6	8°18	7°50	3°15	10°42	0°22	29° 1	0♉ 5	n.a.	F 6
S 7	18 38 52	8°31'49	2♉19	8°31	3° 0	24°13	10°18	8°14	7°50	3°15	10°43	0°23	28°57	0°12	n.a.	S 7
S 8	18 42 48	9°29'19	14° 9	10°34	4°10	24° 0	10°30	8°11	7°51	3°15	10°44	0°25	28°54	0°19	n.a.	S 8
M 9	18 46 45	10°26'51	26° 7	12°36	5°21	23°47	10°42	8° 7	7°51	3°14	10°45	0°R26	28°51	0°25	n.a.	M 9
T 10	18 50 41	11°24'24	8♊14	14°37	6°32	23°33	10°54	8° 3	7°52	3°14	10°46	0°26	28°48	0°32	n.a.	T 10
W11	18 54 38	12°21'59	20°35	16°37	7°42	23°19	11° 6	7°59	7°52	3°13	10°46	0°24	28°45	0°39	n.a.	W11
T 12	18 58 34	13°19'35	3♋12	18°35	8°53	23° 4	11°19	7°55	7°53	3°13	10°47	0°20	28°42	0°45	n.a.	T 12
F 13	19 2 31	14°17'13	16° 5	20°32	10° 4	22°50	11°31	7°51	7°53	3°13	10°48	0°14	28°38	0°52	n.a.	F 13
S 14	19 6 28	15°14'51	29°14	22°28	11°15	22°34	11°43	7°47	7°53	3°13	10°49	0° 7	28°35	0°59	n.a.	S 14
S 15	19 10 24	16°12'31	12♌39	24°23	12°26	22°19	11°55	7°43	7°54	3°12	10°49	29♏59	28°32	1° 5	n.a.	S 15
M16	19 14 21	17°10'13	26°17	26°16	13°38	22° 3	12° 8	7°39	7°54	3°12	10°50	29°52	28°29	1°12	n.a.	M16
T 17	19 18 17	18° 7'55	10♍ 5	28° 7	14°49	21°48	12°20	7°35	7°54	3°12	10°51	29°46	28°26	1°19	n.a.	T 17
W18	19 22 14	19° 5'39	24° 2	29°58	16° 0	21°32	12°33	7°31	7°54	3°12	10°51	29°41	28°23	1°25	n.a.	W18
T 19	19 26 10	20° 3'24	8♎ 5	1♌46	17°12	21°16	12°45	7°27	7°R54	3°12	10°52	29°39	28°19	1°32	n.a.	T 19
F 20	19 30 7	21° 1'10	22°12	3°34	18°23	21° 0	12°58	7°22	7°54	3°12	10°52	29°D38	28°16	1°38	n.a.	F 20
S 21	19 34 3	21°58'58	6♏22	5°20	19°35	20°44	13°10	7°18	7°54	3°D12	10°53	29°38	28°13	1°45	n.a.	S 21
S 22	19 38 0	22°56'47	20°34	7° 4	20°46	20°28	13°23	7°14	7°54	3°12	10°53	29°39	28°10	1°52	n.a.	S 22
M23	19 41 57	23°54'37	4♐45	8°48	21°58	20°12	13°35	7° 9	7°54	3°12	10°54	29°R40	28° 7	1°58	n.a.	M23
T 24	19 45 53	24°52'28	18°54	10°29	23°10	19°57	13°48	7° 5	7°53	3°12	10°54	29°38	28° 3	2° 5	n.a.	T 24
W25	19 49 50	25°50'21	2♑57	12°10	24°22	19°41	14° 1	7° 0	7°53	3°12	10°55	29°34	28° 0	2°12	n.a.	W25
T 26	19 53 46	26°48'16	16°51	13°49	25°34	19°26	14°13	6°56	7°53	3°12	10°55	29°28	27°57	2°18	n.a.	T 26
F 27	19 57 43	27°46'12	0♒32	15°27	26°46	19°11	14°26	6°51	7°53	3°12	10°56	29°19	27°54	2°25	n.a.	F 27
S 28	20 1 39	28°44'10	13°57	17° 3	27°58	18°57	14°39	6°47	7°52	3°13	10°56	29°10	27°51	2°32	n.a.	S 28
S 29	20 5 36	29°42'09	27° 3	18°39	29°10	18°43	14°52	6°42	7°52	3°13	10°57	28°59	27°48	2°38	n.a.	S 29
M30	20 9 32	0♌40'11	9♓50	20°12	0♋22	18°29	15° 4	6°38	7°51	3°13	10°57	28°50	27°44	2°45	n.a.	M30
T 31	20 13 29	1♌38'14	22♓19	21♌45	1♋34	18♑16	15♌17	6♒33	7♈51	3♏13	10♉57	28♏42	27♏41	2♉52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n42	10s28	5n 6	24n49	1n 8	17n50	1s42	27s18	6s 4	19n13	1n 4	19s46	1s29	2n31	0s39	10s58	1n55	4n45	11s 0	20s31	20s15	13n50			n.a.
M 2	23 41	6 5	5 12	24 59	1 16	18 9	1 40	27 23	6 8	19 10	1 4	19 47	1 30	2 31	0 39	10 58	1 55	4 45	11 0	20 30	20 14	13 52			n.a.
T 3	23 39	1 34	5 3	25 6	1 22	18 27	1 37	27 29	6 11	19 7	1 4	19 48	1 30	2 32	0 39	10 58	1 55	4 45	11 0	20 29	20 13	13 53			n.a.
W 4	23 37	2n55	4 40	25 11	1 28	18 45	1 35	27 34	6 15	19 4	1 4	19 50	1 30	2 32	0 39	10 58	1 54	4 45	11 0	20 29	20 12	13 55			n.a.
T 5	23 34	7 12	4 6	25 13	1 33	19 2	1 32	27 39	6 18	19 1	1 4	19 51	1 30	2 32	0 39	10 58	1 54	4 45	11 0	20 28	20 12	13 57			n.a.
F 6	23 31	11 11	3 21	25 12	1 37	19 19	1 29	27 45	6 21	18 57	1 4	19 52	1 30	2 33	0 39	10 58	1 54	4 45	11 1	20 29	20 11	13 58			n.a.
S 7	23 27	14 43	2 27	25 8	1 41	19 36	1 27	27 50	6 24	18 54	1 4	19 53	1 30	2 33	0 39	10 58	1 54	4 45	11 1	20 29	20 10	14 0			n.a.
S 8	23 23	17 40	1 28	25 2	1 44	19 52	1 24	27 55	6 27	18 51	1 4	19 54	1 31	2 33	0 39	10 58	1 54	4 45	11 1	20 29	20 10	14 2			n.a.
M 9	23 19	19 54	0 23	24 53	1 46	20 7	1 21	28 0	6 30	18 47	1 4	19 55	1 31	2 33	0 39	10 57	1 54	4 45	11 1	20 29	20 9	14 3			n.a.
T 10	23 14	21 15	0s42	24 42	1 47	20 23	1 19	28 5	6 33	18 44	1 4	19 56	1 31	2 33	0 39	10 57	1 54	4 45	11 1	20 29	20 8	14 5			n.a.
W11	23 9	21 37	1 47	24 28	1 48	20 37	1 16	28 10	6 35	18 41	1 4	19 57	1 31	2 33	0 39	10 57	1 54	4 45	11 1	20 29	20 8	14 6			n.a.
T 12	23 3	20 54	2 48	24 13	1 48	20 51	1 13	28 15	6 37	18 37	1 4	19 59	1 31	2 34	0 39	10 57	1 54	4 46	11 2	20 28	20 7	14 8			n.a.
F 13	22 57	19 5	3 42	23 55	1 47	21 5	1 10	28 20	6 39	18 34	1 4	20 0	1 31	2 34	0 40	10 57	1 54	4 46	11 2	20 27	20 6	14 10			n.a.
S 14	22 51	16 15	4 25	23 35	1 46	21 18	1 7	28 24	6 41	18 30	1 4	20 1	1 31	2 34	0 40	10 57	1 54	4 46	11 2	20 25	20 5	14 11			n.a.
S 15	22 44	12 31	4 54	23 13	1 45	21 30	1 4	28 29	6 43	18 27	1 4	20 2	1 32	2 34	0 40	10 57	1 54	4 46	11 2	20 24	20 5	14 13			n.a.
M16	22 37	8 6	5 7	22 50	1 43	21 42	1 1	28 33	6 44	18 23	1 4	20 4	1 32	2 34	0 40	10 57	1 54	4 46	11 2	20 22	20 4	14 15			n.a.
T 17	22 29	3 13	5 3	22 25	1 40	21 53	0 58	28 37	6 46	18 20	1 4	20 5	1 32	2 34	0 40	10 57	1 54	4 46	11 3	20 21	20 3	14 16			n.a.
W18	22 21	1s53	4 41	21 59	1 37	22 4	0 55	28 41	6 47	18 16	1 4	20 6	1 32	2 34	0 40	10 57	1 54	4 46	11 3	20 20	20 3	14 18			n.a.
T 19	22 13	6 56	4 2	21 31	1 33	22 14	0 53	28 44	6 48	18 12	1 4	20 7	1 32	2 34	0 40	10 57	1 54	4 46	11 3	20 19	20 2	14 20			n.a.
F 20	22 4	11 38	3 8	21 2	1 29	22 24	0 50	28 48	6 48	18 9	1 4	20 8	1 32	2 34	0 40	10 57	1 53	4 46	11 3	20 19	20 1	14 21			n.a.
S 21	21 55	15 43	2 2	20 32	1 25	22 33	0 47	28 51	6 49	18 5	1 4	20 10	1 32	2 34	0 40	10 57	1 53	4 46	11 3	20 19	20 0	14 23			n.a.
S 22	21 45	18 54	0 49	20 1	1 20	22 41	0 43	28 53	6 49	18 2	1 4	20 11	1 33	2 34	0 40	10 57	1 53	4 46	11 3	20 20	20 0	14 24			n.a.
M23	21 35	20 54	0n27	19 29	1 15	22 49	0 40	28 56	6 49	17 58	1 4	20 12	1 33	2 34	0 40	10 58	1 53	4 46	11 4	20 20	19 59	14 26			n.a.
T 24	21 25	21 35	1 41	18 56	1 9	22 56	0 37	28 58	6 49	17 54	1 4	20 13	1 33	2 34	0 40	10 58	1 53	4 46	11 4	20 19	19 58	14 28			n.a.
W25	21 14	20 53	2 49	18 22	1 4	23 2	0 34	29 1	6 49	17 50	1 4	20 15	1 33	2 33	0 40	10 58	1 53	4 46	11 4	20 18	19 58	14 29			n.a.
T 26	21 3	18 56	3 45	17 48	0 58	23 8	0 31	29 2	6 49	17 47	1 4	20 16	1 33	2 33	0 40	10 58	1 53	4 46	11 4	20 17	19 57	14 31			n.a.
F 27	20 52	15 56	4 27	17 13	0 51	23 13	0 28	29 4	6 48	17 43	1 4	20 17	1 33	2 33	0 40	10 58	1 53	4 46	11 4	20 15	19 56	14 32			n.a.
S 28	20 40	12 10	4 54	16 37	0 45	23 18	0 25	29 5	6 47	17 39	1 4	20 19	1 33	2 33	0 40	10 58	1 53	4 45	11 5	20 13	19 55	14 34			n.a.
S 29	20 28	7 53	5 4	16 1	0 38	23 22	0 22	29 6	6 46	17 35	1 4	20 20	1 33	2 33	0 40	10 58	1 53	4 45	11 5	20 11	19 55	14 36			n.a.
M30	20 15	3 22	4 59	15 25	0 31	23 25	0 19	29 7	6 45	17 32	1 4	20 21	1 33	2 32	0 40	10 58	1 53	4 45	11 5	20 9	19 54	14 37			n.a.
T 31	20n 2	1n11	4n39	14n48	0n23	23n27	0s16	29s 8	6s43	17n28	1n 4	20s22	1s34	2n32	0s40	10s59	1n53	4n45	11s 5	20s 7	19s53	14n39			n.a.

Julian Day Number = 1599610.5, Delta T = 04h00m00s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'36, Lahiri = - 8°33'35 Julian Calendar 1 July 334 BCE == Greg. Calendar 26 June 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

AUGUST 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 17 26	2♌36'19	4♈32	23♌16	2♋47	18°R 3	15♌30	6°R28	7°R50	3♏14	10♉58	28°R36	27♏38	2♉58	n.a.	W 1
T 2	20 21 22	3°34'27	16°32	24°46	3°59	17♑50	15°43	6♒24	7♈49	3°14	10°58	28♏32	27°35	3° 5	n.a.	T 2
F 3	20 25 19	4°32'36	28°24	26°15	5°12	17°39	15°56	6°19	7°49	3°15	10°58	28°30	27°32	3°12	n.a.	F 3
S 4	20 29 15	5°30'48	10♉13	27°42	6°24	17°28	16° 9	6°15	7°48	3°15	10°59	28°D30	27°29	3°18	n.a.	S 4
S 5	20 33 12	6°29'01	22° 4	29° 8	7°37	17°17	16°22	6°10	7°47	3°16	10°59	28°31	27°25	3°25	n.a.	S 5
M 6	20 37 8	7°27'17	4♊ 3	0♍33	8°50	17° 7	16°35	6° 5	7°46	3°16	10°59	28°R31	27°22	3°32	n.a.	M 6
T 7	20 41 5	8°25'35	16°14	1°56	10° 2	16°58	16°47	6° 1	7°45	3°17	10°59	28°29	27°19	3°38	n.a.	T 7
W 8	20 45 1	9°23'55	28°43	3°18	11°15	16°49	17° 0	5°56	7°44	3°17	11° 0	28°26	27°16	3°45	n.a.	W 8
T 9	20 48 58	10°22'18	11♋31	4°38	12°28	16°41	17°13	5°52	7°43	3°18	11° 0	28°19	27°13	3°52	n.a.	T 9
F 10	20 52 55	11°20'42	24°41	5°57	13°41	16°34	17°26	5°47	7°42	3°18	11° 0	28°11	27° 9	3°58	n.a.	F 10
S 11	20 56 51	12°19'09	8♌12	7°15	14°54	16°27	17°39	5°42	7°41	3°19	11° 0	28° 0	27° 6	4° 5	n.a.	S 11
S 12	21 0 48	13°17'37	22° 2	8°31	16° 7	16°22	17°52	5°38	7°40	3°20	11° 0	27°48	27° 3	4°12	n.a.	S 12
M13	21 4 44	14°16'07	6♍ 7	9°45	17°20	16°17	18° 6	5°33	7°39	3°20	11° 0	27°37	27° 0	4°18	n.a.	M13
T 14	21 8 41	15°14'39	20°21	10°57	18°34	16°13	18°19	5°29	7°38	3°21	11° 0	27°27	26°57	4°25	n.a.	T 14
W15	21 12 37	16°13'13	4♎40	12° 8	19°47	16° 9	18°32	5°24	7°37	3°22	11° 0	27°19	26°54	4°32	n.a.	W15
T 16	21 16 34	17°11'49	18°58	13°16	21° 0	16° 7	18°45	5°20	7°35	3°23	11°R 0	27°14	26°50	4°38	n.a.	T 16
F 17	21 20 30	18°10'26	3♏13	14°23	22°14	16° 5	18°58	5°15	7°34	3°24	11° 0	27°12	26°47	4°45	n.a.	F 17
S 18	21 24 27	19° 9'06	17°21	15°28	23°27	16° 4	19°11	5°11	7°33	3°25	11° 0	27°11	26°44	4°52	n.a.	S 18
S 19	21 28 24	20° 7'47	1♐23	16°30	24°41	16°D 4	19°24	5° 7	7°31	3°25	11° 0	27°11	26°41	4°58	n.a.	S 19
M20	21 32 20	21° 6'30	15°18	17°29	25°54	16° 5	19°37	5° 2	7°30	3°26	11° 0	27°11	26°38	5° 5	n.a.	M20
T 21	21 36 17	22° 5'14	29° 4	18°27	27° 8	16° 6	19°50	4°58	7°28	3°27	11° 0	27° 8	26°35	5°12	n.a.	T 21
W22	21 40 13	23° 4'01	12♑43	19°21	28°21	16° 9	20° 3	4°54	7°27	3°28	11° 0	27° 3	26°31	5°18	n.a.	W22
T 23	21 44 10	24° 2'49	26°12	20°12	29°35	16°12	20°16	4°49	7°25	3°29	11° 0	26°54	26°28	5°25	n.a.	T 23
F 24	21 48 6	25° 1'40	9♒30	21° 0	0♌49	16°16	20°29	4°45	7°24	3°31	11° 0	26°43	26°25	5°32	n.a.	F 24
S 25	21 52 3	26° 0'32	22°35	21°44	2° 3	16°20	20°42	4°41	7°22	3°32	11° 0	26°30	26°22	5°38	n.a.	S 25
S 26	21 55 59	26°59'26	5♓26	22°25	3°17	16°26	20°55	4°37	7°20	3°33	10°59	26°17	26°19	5°45	n.a.	S 26
M27	21 59 56	27°58'23	18° 2	23° 1	4°31	16°32	21° 8	4°33	7°18	3°34	10°59	26° 4	26°15	5°51	n.a.	M27
T 28	22 3 52	28°57'22	0♈23	23°33	5°45	16°39	21°21	4°29	7°17	3°35	10°59	25°53	26°12	5°58	n.a.	T 28
W29	22 7 49	29°56'23	12°31	24° 0	6°59	16°47	21°34	4°25	7°15	3°36	10°59	25°44	26° 9	6° 5	n.a.	W29
T 30	22 11 46	0♍55'26	24°29	24°21	8°13	16°55	21°47	4°21	7°13	3°38	10°58	25°39	26° 6	6°11	n.a.	T 30
F 31	22 15 42	1♍54'32	6♉19	24♍37	9♌27	17♑ 4	22♌ 0	4♒17	7♈11	3♏39	10♉58	25♏35	26♏ 3	6♉18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n49	5n35	4n 7	14n11	0n16	23n29	0s13	29s 8	6s42	17n24	1n 4	20s24	1s34	2n32	0s40	10s59	1n53	4n45	11s 5	20s 6	19s52	14n40		n.a.
T 2	19 36	9 43	3 24	13 33	0 8	23 30	0 10	29 8	6 40	17 20	1 4	20 25	1 34	2 32	0 40	10 59	1 53	4 45	11 6	20 5	19 52	14 42		n.a.
F 3	19 22	13 25	2 33	12 56	0 0	23 30	0 7	29 8	6 38	17 16	1 4	20 26	1 34	2 31	0 40	10 59	1 53	4 45	11 6	20 4	19 51	14 43		n.a.
S 4	19 7	16 35	1 36	12 18	0s 8	23 30	0 4	29 7	6 36	17 12	1 4	20 27	1 34	2 31	0 40	10 59	1 52	4 45	11 6	20 4	19 50	14 45		n.a.
S 5	18 53	19 4	0 34	11 40	0 16	23 29	0 2	29 6	6 34	17 8	1 4	20 29	1 34	2 31	0 40	11 0	1 52	4 45	11 6	20 4	19 50	14 47		n.a.
M 6	18 38	20 44	0s29	11 3	0 24	23 28	0n 1	29 5	6 31	17 4	1 4	20 30	1 34	2 30	0 40	11 0	1 52	4 45	11 6	20 4	19 49	14 48		n.a.
T 7	18 23	21 28	1 33	10 25	0 32	23 25	0 4	29 4	6 29	17 1	1 4	20 31	1 34	2 30	0 40	11 0	1 52	4 45	11 7	20 4	19 48	14 50		n.a.
W 8	18 7	21 10	2 33	9 47	0 41	23 22	0 7	29 3	6 26	16 57	1 4	20 32	1 34	2 30	0 40	11 0	1 52	4 44	11 7	20 3	19 47	14 51		n.a.
T 9	17 51	19 47	3 27	9 10	0 49	23 18	0 10	29 1	6 24	16 53	1 4	20 34	1 34	2 29	0 40	11 1	1 52	4 44	11 7	20 2	19 47	14 53		n.a.
F 10	17 35	17 19	4 12	8 33	0 58	23 14	0 13	28 59	6 21	16 49	1 4	20 35	1 34	2 29	0 40	11 1	1 52	4 44	11 7	20 0	19 46	14 54		n.a.
S 11	17 19	13 52	4 44	7 56	1 6	23 9	0 16	28 57	6 18	16 45	1 4	20 36	1 34	2 28	0 40	11 1	1 52	4 44	11 7	19 57	19 45	14 56		n.a.
S 12	17 2	9 37	5 0	7 20	1 15	23 3	0 18	28 55	6 15	16 41	1 4	20 37	1 34	2 28	0 40	11 1	1 52	4 44	11 8	19 55	19 44	14 57		n.a.
M13	16 45	4 46	4 58	6 43	1 23	22 57	0 21	28 52	6 11	16 37	1 4	20 38	1 35	2 27	0 40	11 2	1 52	4 44	11 8	19 52	19 44	14 59		n.a.
T 14	16 28	0s23	4 38	6 8	1 32	22 49	0 24	28 49	6 8	16 33	1 4	20 40	1 35	2 27	0 40	11 2	1 52	4 43	11 8	19 50	19 43	15 0		n.a.
W15	16 10	5 32	4 0	5 33	1 41	22 41	0 26	28 47	6 5	16 28	1 4	20 41	1 35	2 26	0 40	11 2	1 52	4 43	11 8	19 48	19 42	15 2		n.a.
T 16	15 52	10 24	3 8	4 58	1 49	22 33	0 29	28 43	6 1	16 24	1 4	20 42	1 35	2 26	0 40	11 3	1 52	4 43	11 8	19 47	19 41	15 3		n.a.
F 17	15 34	14 40	2 3	4 25	1 58	22 24	0 32	28 40	5 58	16 20	1 4	20 43	1 35	2 25	0 40	11 3	1 52	4 43	11 9	19 46	19 41	15 5		n.a.
S 18	15 16	18 3	0 52	3 52	2 6	22 14	0 34	28 37	5 54	16 16	1 4	20 44	1 35	2 25	0 40	11 3	1 52	4 43	11 9	19 46	19 40	15 6		n.a.
S 19	14 57	20 20	0n22	3 20	2 15	22 3	0 37	28 33	5 51	16 12	1 4	20 45	1 35	2 24	0 40	11 4	1 51	4 42	11 9	19 46	19 39	15 8		n.a.
M20	14 38	21 21	1 34	2 49	2 23	21 52	0 39	28 29	5 47	16 8	1 4	20 46	1 35	2 23	0 40	11 4	1 51	4 42	11 9	19 46	19 38	15 9		n.a.
T 21	14 19	21 4	2 40	2 19	2 31	21 40	0 41	28 25	5 43	16 4	1 4	20 47	1 35	2 23	0 41	11 5	1 51	4 42	11 9	19 46	19 38	15 11		n.a.
W22	14 0	19 32	3 36	1 50	2 39	21 27	0 44	28 21	5 39	16 0	1 4	20 49	1 35	2 22	0 41	11 5	1 51	4 42	11 10	19 44	19 37	15 12		n.a.
T 23	13 40	16 56	4 19	1 23	2 46	21 14	0 46	28 17	5 36	15 56	1 5	20 50	1 35	2 22	0 41	11 5	1 51	4 42	11 10	19 42	19 36	15 14		n.a.
F 24	13 20	13 29	4 47	0 57	2 54	21 1	0 48	28 13	5 32	15 51	1 5	20 51	1 35	2 21	0 41	11 6	1 51	4 41	11 10	19 40	19 35	15 15		n.a.
S 25	13 0	9 26	4 59	0 33	3 1	20 46	0 51	28 8	5 28	15 47	1 5	20 52	1 35	2 20	0 41	11 6	1 51	4 41	11 10	19 37	19 35	15 17		n.a.
S 26	12 40	5 3	4 56	0 11	3 8	20 31	0 53	28 4	5 24	15 43	1 5	20 53	1 35	2 20	0 41	11 7	1 51	4 41	11 10	19 34	19 34	15 18		n.a.
M27	12 19	0 31	4 39	0s 9	3 14	20 15	0 55	27 59	5 20	15 39	1 5	20 54	1 35	2 19	0 41	11 7	1 51	4 41	11 11	19 31	19 33	15 20		n.a.
T 28	11 59	3n57	4 8	0 27	3 20	19 59	0 57	27 54	5 16	15 35	1 5	20 55	1 35	2 18	0 41	11 8	1 51	4 40	11 11	19 28	19 32	15 21		n.a.
W29	11 38	8 10	3 27	0 43	3 25	19 42	0 59	27 49	5 12	15 31	1 5	20 56	1 35	2 17	0 41	11 8	1 51	4 40	11 11	19 26	19 32	15 23		n.a.
T 30	11 17	12 1	2 37	0 56	3 30	19 25	1 1	27 44	5 8	15 26	1 5	20 57	1 35	2 17	0 41	11 9	1 51	4 40	11 11	19 24	19 31	15 24		n.a.
F 31	10n56	15n22	1n40	1s 6	3s33	19n 7	1n 3	27s39	5s 4	15n22	1n 5	20s58	1s35	2n16	0s41	11s 9	1n51	4n40	11s11	19s24	19s30	15n26		n.a.

Julian Day Number = 1599641.5, Delta T = 03h59m59s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'31, Lahiri = - 8°33'31 Julian Calendar 1 Aug. 334 BCE == Greg. Calendar 27 July 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

SEPTEMBER 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 19 39	2♍53'40	18♉ 6	24♍47	10♌41	17♑14	22♌13	4°R14	7°R 9	3♏40	10°R58	25°R34	26♏ 0	6♉25	n.a.	S 1
S 2	22 23 35	3°52'51	29°56	24°R50	11°55	17°25	22°26	4♒10	7♈ 7	3°41	10♉57	25♏34	25°56	6°31	n.a.	S 2
M 3	22 27 32	4°52'04	11♊54	24°46	13°10	17°36	22°39	4° 6	7° 5	3°43	10°57	25°34	25°53	6°38	n.a.	M 3
T 4	22 31 28	5°51'19	24° 5	24°35	14°24	17°48	22°52	4° 3	7° 3	3°44	10°57	25°33	25°50	6°45	n.a.	T 4
W 5	22 35 25	6°50'37	6♋35	24°16	15°38	18° 0	23° 5	3°59	7° 1	3°46	10°56	25°29	25°47	6°51	n.a.	W 5
T 6	22 39 21	7°49'57	19°27	23°50	16°53	18°13	23°17	3°56	6°59	3°47	10°56	25°24	25°44	6°58	n.a.	T 6
F 7	22 43 18	8°49'20	2♌46	23°15	18° 7	18°27	23°30	3°52	6°57	3°48	10°55	25°15	25°40	7° 5	n.a.	F 7
S 8	22 47 15	9°48'45	16°30	22°32	19°22	18°42	23°43	3°49	6°55	3°50	10°55	25° 5	25°37	7°11	n.a.	S 8
S 9	22 51 11	10°48'12	0♍38	21°41	20°36	18°57	23°56	3°46	6°53	3°51	10°54	24°54	25°34	7°18	n.a.	S 9
M10	22 55 8	11°47'41	15° 6	20°44	21°51	19°13	24° 9	3°43	6°51	3°53	10°54	24°42	25°31	7°25	n.a.	M10
T 11	22 59 4	12°47'13	29°46	19°41	23° 6	19°29	24°21	3°40	6°49	3°55	10°53	24°32	25°28	7°31	n.a.	T 11
W12	23 3 1	13°46'46	14♎30	18°32	24°20	19°46	24°34	3°37	6°47	3°56	10°53	24°25	25°25	7°38	n.a.	W12
T 13	23 6 57	14°46'21	29°12	17°21	25°35	20° 4	24°47	3°34	6°44	3°58	10°52	24°20	25°21	7°45	n.a.	T 13
F 14	23 10 54	15°45'59	13♏45	16° 8	26°50	20°22	24°59	3°31	6°42	3°59	10°52	24°18	25°18	7°51	n.a.	F 14
S 15	23 14 50	16°45'38	28° 5	14°55	28° 5	20°41	25°12	3°28	6°40	4° 1	10°51	24°D17	25°15	7°58	n.a.	S 15
S 16	23 18 47	17°45'19	12♐10	13°46	29°19	21° 0	25°24	3°26	6°37	4° 3	10°50	24°R18	25°12	8° 5	n.a.	S 16
M17	23 22 43	18°45'02	26° 0	12°41	0♍34	21°20	25°37	3°23	6°35	4° 4	10°50	24°17	25° 9	8°11	n.a.	M17
T 18	23 26 40	19°44'47	9♑34	11°43	1°49	21°40	25°49	3°21	6°33	4° 6	10°49	24°16	25° 6	8°18	n.a.	T 18
W19	23 30 37	20°44'33	22°55	10°53	3° 4	22° 1	26° 2	3°18	6°30	4° 8	10°49	24°12	25° 2	8°25	n.a.	W19
T 20	23 34 33	21°44'22	6♒ 4	10°13	4°19	22°22	26°14	3°16	6°28	4°10	10°48	24° 5	24°59	8°31	n.a.	T 20
F 21	23 38 30	22°44'12	19° 0	9°43	5°34	22°44	26°27	3°14	6°26	4°11	10°47	23°56	24°56	8°38	n.a.	F 21
S 22	23 42 26	23°44'04	1♓44	9°25	6°49	23° 6	26°39	3°12	6°23	4°13	10°46	23°45	24°53	8°44	n.a.	S 22
S 23	23 46 23	24°43'58	14°17	9°D18	8° 4	23°29	26°51	3°10	6°21	4°15	10°46	23°34	24°50	8°51	n.a.	S 23
M24	23 50 19	25°43'54	26°38	9°22	9°19	23°52	27° 4	3° 8	6°19	4°17	10°45	23°23	24°46	8°58	n.a.	M24
T 25	23 54 16	26°43'51	8♈48	9°37	10°34	24°16	27°16	3° 6	6°16	4°19	10°44	23°14	24°43	9° 4	n.a.	T 25
W26	23 58 12	27°43'51	20°49	10° 2	11°49	24°40	27°28	3° 4	6°14	4°21	10°43	23° 6	24°40	9°11	n.a.	W26
T 27	0 2 9	28°43'54	2♉42	10°37	13° 5	25° 4	27°40	3° 3	6°11	4°23	10°43	23° 2	24°37	9°18	n.a.	T 27
F 28	0 6 6	29°43'58	14°30	11°21	14°20	25°29	27°52	3° 1	6° 9	4°25	10°42	22°59	24°34	9°24	n.a.	F 28
S 29	0 10 2	0♎44'04	26°16	12°12	15°35	25°54	28° 4	3° 0	6° 6	4°26	10°41	22°D59	24°31	9°31	n.a.	S 29
S 30	0 13 59	1♎44'13	8♊ 5	13♍11	16♍50	26♑20	28♌16	2♒58	6♈ 4	4♏28	10♉40	23♏ 0	24♏27	9♉38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	10n34	18n 4	0n40	1s12	3s36	18n48	1n 4	27s34	5s 0	15n18	1n 5	20s58	1s35	2n15	0s41	11s10	1n51	4n39	11s11	19s23	19s29	15n27		n.a.	
S 2	10 12	20 0	0s23	1 16	3 38	18 29	1 6	27 29	4 56	15 14	1 5	20 59	1 35	2 14	0 41	11 10	1 51	4 39	11 12	19 23	19 29	15 29		n.a.	
M 3	9 51	21 5	1 26	1 15	3 39	18 9	1 8	27 23	4 52	15 10	1 5	21 0	1 35	2 14	0 41	11 11	1 51	4 39	11 12	19 23	19 28	15 30		n.a.	
T 4	9 29	21 11	2 25	1 10	3 39	17 49	1 10	27 18	4 48	15 6	1 5	21 1	1 35	2 13	0 41	11 11	1 51	4 38	11 12	19 23	19 27	15 31		n.a.	
W 5	9 6	20 15	3 19	1 1	3 37	17 29	1 11	27 12	4 44	15 1	1 5	21 2	1 35	2 12	0 41	11 12	1 50	4 38	11 12	19 22	19 26	15 33		n.a.	
T 6	8 44	18 16	4 5	0 47	3 34	17 7	1 13	27 6	4 40	14 57	1 6	21 3	1 35	2 11	0 41	11 12	1 50	4 38	11 12	19 21	19 26	15 34		n.a.	
F 7	8 22	15 15	4 39	0 29	3 29	16 46	1 14	27 0	4 37	14 53	1 6	21 3	1 35	2 10	0 41	11 13	1 50	4 38	11 13	19 19	19 25	15 36		n.a.	
S 8	7 59	11 20	4 58	0 6	3 22	16 23	1 16	26 55	4 33	14 49	1 6	21 4	1 35	2 9	0 41	11 13	1 50	4 37	11 13	19 16	19 24	15 37		n.a.	
S 9	7 36	6 42	5 0	0n22	3 14	16 1	1 17	26 48	4 29	14 44	1 6	21 5	1 35	2 9	0 41	11 14	1 50	4 37	11 13	19 13	19 23	15 39		n.a.	
M10	7 13	1 36	4 43	0 55	3 3	15 38	1 18	26 42	4 25	14 40	1 6	21 6	1 35	2 8	0 41	11 14	1 50	4 37	11 13	19 11	19 23	15 40		n.a.	
T 11	6 50	3s41	4 7	1 31	2 51	15 14	1 19	26 36	4 21	14 36	1 6	21 6	1 35	2 7	0 41	11 15	1 50	4 36	11 13	19 8	19 22	15 41		n.a.	
W12	6 27	8 46	3 15	2 12	2 36	14 50	1 21	26 30	4 17	14 32	1 6	21 7	1 35	2 6	0 41	11 16	1 50	4 36	11 13	19 6	19 21	15 43		n.a.	
T 13	6 4	13 20	2 9	2 55	2 20	14 26	1 22	26 23	4 13	14 28	1 6	21 8	1 35	2 5	0 41	11 16	1 50	4 36	11 14	19 5	19 20	15 44		n.a.	
F 14	5 41	17 3	0 56	3 40	2 2	14 1	1 23	26 17	4 10	14 23	1 6	21 8	1 35	2 4	0 41	11 17	1 50	4 35	11 14	19 5	19 20	15 46		n.a.	
S 15	5 17	19 39	0n20	4 25	1 43	13 35	1 24	26 10	4 6	14 19	1 6	21 9	1 35	2 3	0 41	11 17	1 50	4 35	11 14	19 4	19 19	15 47		n.a.	
S 16	4 54	20 59	1 34	5 11	1 24	13 10	1 24	26 3	4 2	14 15	1 7	21 10	1 34	2 2	0 41	11 18	1 50	4 35	11 14	19 5	19 18	15 48		n.a.	
M17	4 30	21 0	2 41	5 55	1 3	12 44	1 25	25 56	3 58	14 11	1 7	21 10	1 34	2 1	0 41	11 19	1 50	4 34	11 14	19 5	19 17	15 50		n.a.	
T 18	4 7	19 47	3 37	6 36	0 43	12 17	1 26	25 49	3 55	14 7	1 7	21 11	1 34	2 0	0 41	11 19	1 50	4 34	11 14	19 4	19 16	15 51		n.a.	
W19	3 43	17 29	4 20	7 14	0 22	11 51	1 27	25 42	3 51	14 3	1 7	21 11	1 34	1 59	0 41	11 20	1 50	4 34	11 15	19 3	19 16	15 53		n.a.	
T 20	3 19	14 19	4 49	7 47	0 3	11 24	1 27	25 35	3 47	13 58	1 7	21 12	1 34	1 58	0 41	11 21	1 50	4 33	11 15	19 1	19 15	15 54		n.a.	
F 21	2 55	10 31	5 3	8 16	0n16	10 56	1 28	25 28	3 44	13 54	1 7	21 12	1 34	1 58	0 41	11 21	1 50	4 33	11 15	18 59	19 14	15 55		n.a.	
S 22	2 31	6 18	5 1	8 39	0 33	10 29	1 28	25 21	3 40	13 50	1 7	21 12	1 34	1 57	0 41	11 22	1 50	4 33	11 15	18 56	19 13	15 57		n.a.	
S 23	2 7	1 53	4 45	8 56	0 49	10 1	1 28	25 13	3 37	13 46	1 7	21 13	1 34	1 56	0 41	11 23	1 50	4 32	11 15	18 54	19 13	15 58		n.a.	
M24	1 43	2n32	4 15	9 8	1 4	9 32	1 29	25 6	3 33	13 42	1 7	21 13	1 34	1 55	0 41	11 23	1 50	4 32	11 15	18 51	19 12	15 59		n.a.	
T 25	1 19	6 48	3 34	9 14	1 17	9 4	1 29	24 58	3 30	13 38	1 8	21 14	1 34	1 54	0 41	11 24	1 50	4 32	11 15	18 48	19 11	16 1		n.a.	
W26	0 55	10 45	2 44	9 15	1 28	8 35	1 29	24 50	3 26	13 34	1 8	21 14	1 34	1 53	0 41	11 25	1 49	4 31	11 16	18 47	19 10	16 2		n.a.	
T 27	0 31	14 14	1 47	9 11	1 38	8 6	1 29	24 42	3 23	13 29	1 8	21 14	1 34	1 52	0 41	11 25	1 49	4 31	11 16	18 45	19 9	16 3		n.a.	
F 28	0 6	17 7	0 46	9 2	1 46	7 37	1 29	24 34	3 20	13 25	1 8	21 15	1 34	1 51	0 41	11 26	1 49	4 30	11 16	18 45	19 9	16 5		n.a.	
S 29	0s18	19 16	0s18	8 48	1 53	7 7	1 29	24 26	3 16	13 21	1 8	21 15	1 34	1 50	0 41	11 27	1 49	4 30	11 16	18 45	19 8	16 6		n.a.	
S 30	0s42	20n36	1s21	8n30	1n58	6n38	1n29	24s18	3s13	13n17	1n 8	21s15	1s34	1n49	0s41	11s27	1n49	4n30	11s16	18s45	19s 7	16n 7		n.a.	

Julian Day Number = 1599672.5, Delta T = 03h59m58s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'27, Lahiri = - 8°33'27 Julian Calendar 1 Sept. 334 BCE == Greg. Calendar 27 Aug. 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

OCTOBER 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 17 55	2♎44'24	20♊ 1	14♍15	18♍ 6	26♑46	28♌28	2°R57	6°R 1	4♏30	10°R39	23♏ 1	24♏24	9♉44	n.a.	M 1
T 2	0 21 52	3°44'37	2♋10	15°25	19°21	27°12	28°40	2♒56	5♈59	4°32	10♉38	23°R 2	24°21	9°51	n.a.	T 2
W 3	0 25 48	4°44'52	14°36	16°40	20°36	27°39	28°51	2°55	5°56	4°34	10°37	23° 1	24°18	9°58	n.a.	W 3
T 4	0 29 45	5°45'09	27°26	17°58	21°51	28° 6	29° 3	2°54	5°54	4°36	10°36	22°59	24°15	10° 4	n.a.	T 4
F 5	0 33 41	6°45'28	10♌42	19°20	23° 7	28°33	29°15	2°53	5°51	4°38	10°36	22°54	24°12	10°11	n.a.	F 5
S 6	0 37 38	7°45'50	24°26	20°45	24°22	29° 1	29°26	2°53	5°49	4°41	10°35	22°48	24° 8	10°18	n.a.	S 6
S 7	0 41 34	8°46'13	8♍39	22°12	25°38	29°29	29°38	2°52	5°47	4°43	10°34	22°41	24° 5	10°24	n.a.	S 7
M 8	0 45 31	9°46'39	23°16	23°41	26°53	29°57	29°49	2°52	5°44	4°45	10°33	22°34	24° 2	10°31	n.a.	M 8
T 9	0 49 28	10°47'06	8♎11	25°12	28° 8	0♒26	0♍ 0	2°51	5°42	4°47	10°32	22°28	23°59	10°37	n.a.	T 9
W10	0 53 24	11°47'35	23°16	26°44	29°24	0°55	0°12	2°51	5°39	4°49	10°31	22°23	23°56	10°44	n.a.	W10
T 11	0 57 21	12°48'06	8♏20	28°17	0♎39	1°24	0°23	2°51	5°37	4°51	10°30	22°21	23°52	10°51	n.a.	T 11
F 12	1 1 17	13°48'38	23°16	29°50	1°55	1°53	0°34	2°D51	5°34	4°53	10°29	22°D20	23°49	10°57	n.a.	F 12
S 13	1 5 14	14°49'12	7♐56	1♎25	3°10	2°23	0°45	2°51	5°32	4°55	10°28	22°21	23°46	11° 4	n.a.	S 13
S 14	1 9 10	15°49'47	22°16	3° 0	4°26	2°53	0°56	2°51	5°29	4°57	10°27	22°22	23°43	11°11	n.a.	S 14
M15	1 13 7	16°50'24	6♑13	4°35	5°41	3°24	1° 7	2°51	5°27	5° 0	10°26	22°23	23°40	11°17	n.a.	M15
T 16	1 17 3	17°51'02	19°49	6°11	6°57	3°54	1°18	2°52	5°24	5° 2	10°25	22°R24	23°37	11°24	n.a.	T 16
W17	1 21 0	18°51'41	3♒ 4	7°46	8°12	4°25	1°29	2°52	5°22	5° 4	10°24	22°23	23°33	11°31	n.a.	W17
T 18	1 24 57	19°52'22	16° 1	9°22	9°28	4°56	1°39	2°53	5°20	5° 6	10°22	22°20	23°30	11°37	n.a.	T 18
F 19	1 28 53	20°53'03	28°43	10°58	10°43	5°28	1°50	2°53	5°17	5° 8	10°21	22°16	23°27	11°44	n.a.	F 19
S 20	1 32 50	21°53'46	11♓10	12°34	11°59	5°59	2° 0	2°54	5°15	5°11	10°20	22°11	23°24	11°51	n.a.	S 20
S 21	1 36 46	22°54'30	23°27	14° 9	13°14	6°31	2°11	2°55	5°13	5°13	10°19	22° 6	23°21	11°57	n.a.	S 21
M22	1 40 43	23°55'16	5♈34	15°45	14°30	7° 3	2°21	2°56	5°10	5°15	10°18	22° 1	23°17	12° 4	n.a.	M22
T 23	1 44 39	24°56'03	17°34	17°20	15°46	7°35	2°31	2°57	5° 8	5°17	10°17	21°56	23°14	12°11	n.a.	T 23
W24	1 48 36	25°56'51	29°27	18°56	17° 1	8° 7	2°41	2°58	5° 6	5°19	10°16	21°53	23°11	12°17	n.a.	W24
T 25	1 52 32	26°57'40	11♉16	20°31	18°17	8°40	2°51	3° 0	5° 4	5°22	10°15	21°51	23° 8	12°24	n.a.	T 25
F 26	1 56 29	27°58'31	23° 3	22° 6	19°32	9°13	3° 1	3° 1	5° 1	5°24	10°14	21°D51	23° 5	12°31	n.a.	F 26
S 27	2 0 26	28°59'24	4♊51	23°41	20°48	9°46	3°11	3° 3	4°59	5°26	10°13	21°51	23° 2	12°37	n.a.	S 27
S 28	2 4 22	0♏ 0'18	16°42	25°16	22° 3	10°19	3°21	3° 4	4°57	5°28	10°11	21°53	22°58	12°44	n.a.	S 28
M29	2 8 19	1° 1'13	28°40	26°51	23°19	10°52	3°30	3° 6	4°55	5°31	10°10	21°54	22°55	12°50	n.a.	M29
T 30	2 12 15	2° 2'10	10♋49	28°26	24°35	11°26	3°40	3° 8	4°53	5°33	10° 9	21°56	22°52	12°57	n.a.	T 30
W31	2 16 12	3♏ 3'08	23♋14	0♏ 1	25♎50	11♒59	3♍49	3♒10	4♈50	5♏35	10♉ 8	21♏57	22♏49	13♉ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1s 6	21n 1	2s21	8n 9	2n 3	6n 8	1n29	24s10	3s10	13n13	1n 8	21s15	1s34	1n48	0s41	11s28	1n49	4n29	11s16	18s45	19s 6	16n 9			n.a.
T 2	1 30	20 27	3 16	7 44	2 6	5 38	1 29	24 1	3 7	13 9	1 9	21 16	1 33	1 47	0 41	11 29	1 49	4 29	11 16	18 45	19 5	16 10			n.a.
W 3	1 55	18 54	4 3	7 17	2 7	5 7	1 29	23 53	3 3	13 5	1 9	21 16	1 33	1 46	0 41	11 29	1 49	4 29	11 16	18 45	19 5	16 11			n.a.
T 4	2 19	16 22	4 39	6 47	2 8	4 37	1 28	23 44	3 0	13 1	1 9	21 16	1 33	1 45	0 41	11 30	1 49	4 28	11 16	18 45	19 4	16 13			n.a.
F 5	2 43	12 55	5 2	6 14	2 8	4 6	1 28	23 36	2 57	12 57	1 9	21 16	1 33	1 44	0 41	11 31	1 49	4 28	11 17	18 44	19 3	16 14			n.a.
S 6	3 7	8 41	5 9	5 40	2 8	3 36	1 27	23 27	2 54	12 53	1 9	21 16	1 33	1 43	0 41	11 32	1 49	4 27	11 17	18 42	19 2	16 15			n.a.
S 7	3 31	3 50	4 57	5 3	2 6	3 5	1 27	23 18	2 51	12 49	1 9	21 16	1 33	1 42	0 41	11 32	1 49	4 27	11 17	18 40	19 1	16 17			n.a.
M 8	3 55	1s22	4 26	4 26	2 4	2 34	1 26	23 9	2 48	12 45	1 9	21 16	1 33	1 41	0 41	11 33	1 49	4 27	11 17	18 38	19 1	16 18			n.a.
T 9	4 19	6 36	3 37	3 47	2 1	2 3	1 25	22 59	2 45	12 41	1 10	21 16	1 33	1 40	0 41	11 34	1 49	4 26	11 17	18 37	19 0	16 19			n.a.
W10	4 43	11 29	2 31	3 7	1 58	1 32	1 25	22 50	2 42	12 38	1 10	21 16	1 33	1 39	0 41	11 35	1 49	4 26	11 17	18 36	18 59	16 21			n.a.
T 11	5 7	15 39	1 16	2 26	1 54	1 1	1 24	22 41	2 39	12 34	1 10	21 16	1 33	1 38	0 41	11 35	1 49	4 26	11 17	18 35	18 58	16 22			n.a.
F 12	5 31	18 44	0n 5	1 44	1 50	0 30	1 23	22 31	2 36	12 30	1 10	21 16	1 33	1 37	0 41	11 36	1 49	4 25	11 17	18 35	18 58	16 23			n.a.
S 13	5 55	20 31	1 24	1 2	1 45	0s 2	1 22	22 21	2 33	12 26	1 10	21 16	1 33	1 36	0 41	11 37	1 49	4 25	11 17	18 35	18 57	16 25			n.a.
S 14	6 18	20 54	2 36	0 20	1 40	0 33	1 21	22 12	2 31	12 22	1 10	21 16	1 32	1 35	0 41	11 38	1 49	4 24	11 17	18 35	18 56	16 26			n.a.
M15	6 42	19 58	3 37	0s24	1 35	1 4	1 20	22 2	2 28	12 19	1 11	21 16	1 32	1 34	0 41	11 38	1 49	4 24	11 17	18 36	18 55	16 27			n.a.
T 16	7 5	17 54	4 24	1 7	1 30	1 35	1 19	21 52	2 25	12 15	1 11	21 15	1 32	1 33	0 41	11 39	1 49	4 24	11 17	18 36	18 54	16 28			n.a.
W17	7 29	14 55	4 55	1 50	1 24	2 6	1 18	21 41	2 22	12 11	1 11	21 15	1 32	1 32	0 41	11 40	1 49	4 23	11 18	18 35	18 54	16 30			n.a.
T 18	7 52	11 17	5 11	2 34	1 18	2 38	1 16	21 31	2 20	12 7	1 11	21 15	1 32	1 31	0 41	11 41	1 49	4 23	11 18	18 35	18 53	16 31			n.a.
F 19	8 15	7 13	5 11	3 17	1 12	3 9	1 15	21 21	2 17	12 4	1 11	21 15	1 32	1 30	0 41	11 41	1 49	4 23	11 18	18 34	18 52	16 32			n.a.
S 20	8 38	2 54	4 56	4 1	1 6	3 40	1 14	21 10	2 14	12 0	1 12	21 14	1 32	1 29	0 41	11 42	1 49	4 22	11 18	18 32	18 51	16 33			n.a.
S 21	9 1	1n27	4 28	4 44	0 59	4 11	1 12	21 0	2 12	11 57	1 12	21 14	1 32	1 28	0 41	11 43	1 49	4 22	11 18	18 31	18 50	16 35			n.a.
M22	9 24	5 43	3 47	5 27	0 53	4 42	1 11	20 49	2 9	11 53	1 12	21 14	1 32	1 28	0 41	11 44	1 49	4 22	11 18	18 30	18 49	16 36			n.a.
T 23	9 46	9 42	2 58	6 10	0 47	5 13	1 9	20 38	2 6	11 49	1 12	21 14	1 32	1 27	0 41	11 44	1 49	4 21	11 18	18 29	18 49	16 37			n.a.
W24	10 9	13 17	2 0	6 53	0 40	5 43	1 8	20 27	2 4	11 46	1 12	21 13	1 32	1 26	0 41	11 45	1 49	4 21	11 18	18 28	18 48	16 38			n.a.
T 25	10 31	16 19	0 58	7 36	0 33	6 14	1 6	20 16	2 1	11 42	1 13	21 13	1 32	1 25	0 41	11 46	1 49	4 20	11 18	18 27	18 47	16 40			n.a.
F 26	10 53	18 39	0s 7	8 18	0 27	6 45	1 4	20 5	1 59	11 39	1 13	21 12	1 31	1 24	0 41	11 47	1 49	4 20	11 18	18 27	18 46	16 41			n.a.
S 27	11 15	20 12	1 11	9 0	0 20	7 15	1 3	19 54	1 57	11 36	1 13	21 12	1 31	1 23	0 41	11 47	1 49	4 20	11 18	18 27	18 45	16 42			n.a.
S 28	11 37	20 51	2 13	9 41	0 13	7 45	1 1	19 42	1 54	11 32	1 13	21 11	1 31	1 22	0 41	11 48	1 49	4 19	11 18	18 28	18 45	16 43			n.a.
M29	11 58	20 34	3 10	10 22	0 7	8 15	0 59	19 31	1 52	11 29	1 13	21 11	1 31	1 21	0 41	11 49	1 49	4 19	11 18	18 28	18 44	16 45			n.a.
T 30	12 20	19 19	3 59	11 3	0 0	8 45	0 57	19 19	1 49	11 26	1 14	21 10	1 31	1 21	0 41	11 50	1 49	4 19	11 18	18 28	18 43	16 46			n.a.
W31	12s41	17n 8	4s38	11s43	0s 6	9s14	0n56	19s 7	1s47	11n22	1n14	21s10	1s31	1n20	0s40	11s50	1n49	4n18	11s18	18s29	18s42	16n47			n.a.

Julian Day Number = 1599702.5, Delta T = 03h59m57s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'23, Lahiri = - 8°33'23 Julian Calendar 1 Oct. 334 BCE == Greg. Calendar 26 Sept. 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

NOVEMBER 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 20 8	4♏ 4'07	5♌58	1♏35	27♎ 6	12♒33	3♍59	3♒12	4°R48	5♏37	10°R 7	21°R57	22♏46	13♉10	n.a.	T 1
F 2	2 24 5	5° 5'08	19° 6	3°10	28°21	13° 7	4° 8	3°14	4♈46	5°40	10♉ 6	21♏57	22°43	13°17	n.a.	F 2
S 3	2 28 1	6° 6'10	2♍41	4°44	29°37	13°41	4°17	3°16	4°44	5°42	10° 5	21°56	22°39	13°24	n.a.	S 3
S 4	2 31 58	7° 7'13	16°44	6°18	0♏53	14°15	4°26	3°19	4°42	5°44	10° 3	21°54	22°36	13°30	n.a.	S 4
M 5	2 35 55	8° 8'18	1♎13	7°53	2° 8	14°50	4°35	3°21	4°40	5°47	10° 2	21°52	22°33	13°37	n.a.	M 5
T 6	2 39 51	9° 9'24	16° 5	9°27	3°24	15°24	4°43	3°24	4°38	5°49	10° 1	21°50	22°30	13°44	n.a.	T 6
W 7	2 43 48	10°10'31	1♏13	11° 1	4°40	15°59	4°52	3°26	4°37	5°51	10° 0	21°49	22°27	13°50	n.a.	W 7
T 8	2 47 44	11°11'39	16°28	12°36	5°55	16°34	5° 1	3°29	4°35	5°53	9°59	21°D49	22°23	13°57	n.a.	T 8
F 9	2 51 41	12°12'47	1♐39	14°10	7°11	17° 9	5° 9	3°32	4°33	5°56	9°58	21°49	22°20	14° 4	n.a.	F 9
S 10	2 55 37	13°13'57	16°37	15°45	8°26	17°44	5°17	3°35	4°31	5°58	9°56	21°49	22°17	14°10	n.a.	S 10
S 11	2 59 34	14°15'07	1♑15	17°19	9°42	18°19	5°25	3°38	4°29	6° 0	9°55	21°50	22°14	14°17	n.a.	S 11
M12	3 3 30	15°16'17	15°29	18°54	10°58	18°55	5°33	3°41	4°28	6° 2	9°54	21°51	22°11	14°24	n.a.	M12
T 13	3 7 27	16°17'28	29°15	20°29	12°13	19°30	5°41	3°44	4°26	6° 5	9°53	21°51	22° 8	14°30	n.a.	T 13
W14	3 11 24	17°18'39	12♒36	22° 3	13°29	20° 6	5°49	3°48	4°24	6° 7	9°52	21°R51	22° 4	14°37	n.a.	W14
T 15	3 15 20	18°19'51	25°33	23°38	14°44	20°41	5°56	3°51	4°23	6° 9	9°51	21°51	22° 1	14°43	n.a.	T 15
F 16	3 19 17	19°21'03	8♓ 9	25°13	16° 0	21°17	6° 4	3°55	4°21	6°11	9°50	21°51	21°58	14°50	n.a.	F 16
S 17	3 23 13	20°22'15	20°29	26°48	17°16	21°53	6°11	3°58	4°20	6°13	9°48	21°51	21°55	14°57	n.a.	S 17
S 18	3 27 10	21°23'27	2♈36	28°24	18°31	22°29	6°18	4° 2	4°18	6°16	9°47	21°D51	21°52	15° 3	n.a.	S 18
M19	3 31 6	22°24'39	14°33	29°59	19°47	23° 5	6°25	4° 6	4°17	6°18	9°46	21°51	21°48	15°10	n.a.	M19
T 20	3 35 3	23°25'52	26°25	1♐35	21° 2	23°41	6°32	4°10	4°15	6°20	9°45	21°51	21°45	15°17	n.a.	T 20
W21	3 38 59	24°27'05	8♉13	3°10	22°18	24°18	6°39	4°14	4°14	6°22	9°44	21°51	21°42	15°23	n.a.	W21
T 22	3 42 56	25°28'18	20° 0	4°46	23°33	24°54	6°46	4°18	4°13	6°24	9°43	21°R51	21°39	15°30	n.a.	T 22
F 23	3 46 53	26°29'32	1♊50	6°22	24°49	25°31	6°52	4°22	4°11	6°27	9°42	21°51	21°36	15°37	n.a.	F 23
S 24	3 50 49	27°30'46	13°43	7°57	26° 5	26° 7	6°58	4°26	4°10	6°29	9°41	21°51	21°33	15°43	n.a.	S 24
S 25	3 54 46	28°32'00	25°41	9°33	27°20	26°44	7° 5	4°30	4° 9	6°31	9°40	21°50	21°29	15°50	n.a.	S 25
M26	3 58 42	29°33'15	7♋48	11° 9	28°36	27°21	7°11	4°35	4° 8	6°33	9°38	21°49	21°26	15°57	n.a.	M26
T 27	4 2 39	0♐34'30	20° 4	12°45	29°51	27°57	7°16	4°39	4° 7	6°35	9°37	21°48	21°23	16° 3	n.a.	T 27
W28	4 6 35	1°35'45	2♌34	14°20	1♐ 7	28°34	7°22	4°44	4° 6	6°37	9°36	21°47	21°20	16°10	n.a.	W28
T 29	4 10 32	2°37'00	15°20	15°56	2°22	29°11	7°28	4°49	4° 5	6°39	9°35	21°46	21°17	16°16	n.a.	T 29
F 30	4 14 29	3♐38'16	28♌24	17♐31	3♐38	29♒48	7♍33	4♒53	4♈ 4	6♏41	9♉34	21°D45	21♏14	16♉23	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s 2	14n 5	5s 5	12s22	0s13	9s44	0n54	18s55	1s45	11n19	1n14	21s 9	1s31	1n19	0s40	11s51	1n49	4n18	11s18	18s29	18s41	16n48		n.a.
F 2	13 23	10 16	5 17	13 1	0 19	10 13	0 52	18 43	1 43	11 16	1 14	21 9	1 31	1 18	0 40	11 52	1 49	4 18	11 18	18 29	18 41	16 49		n.a.
S 3	13 43	5 48	5 11	13 40	0 26	10 42	0 50	18 31	1 40	11 13	1 14	21 8	1 31	1 17	0 40	11 53	1 49	4 17	11 18	18 28	18 40	16 51		n.a.
S 4	14 3	0 53	4 48	14 18	0 32	11 11	0 48	18 19	1 38	11 10	1 15	21 7	1 31	1 17	0 40	11 53	1 49	4 17	11 18	18 28	18 39	16 52		n.a.
M 5	14 24	4s14	4 5	14 55	0 38	11 39	0 46	18 7	1 36	11 7	1 15	21 7	1 31	1 16	0 40	11 54	1 49	4 17	11 18	18 27	18 38	16 53		n.a.
T 6	14 43	9 15	3 6	15 31	0 45	12 7	0 44	17 54	1 34	11 4	1 15	21 6	1 30	1 15	0 40	11 55	1 49	4 16	11 18	18 27	18 37	16 54		n.a.
W 7	15 3	13 47	1 52	16 7	0 51	12 35	0 42	17 42	1 32	11 1	1 15	21 5	1 30	1 14	0 40	11 56	1 49	4 16	11 18	18 27	18 36	16 55		n.a.
T 8	15 22	17 26	0 30	16 42	0 57	13 2	0 39	17 29	1 30	10 58	1 16	21 5	1 30	1 14	0 40	11 56	1 49	4 16	11 18	18 27	18 36	16 57		n.a.
F 9	15 41	19 51	0n54	17 17	1 2	13 29	0 37	17 16	1 27	10 55	1 16	21 4	1 30	1 13	0 40	11 57	1 49	4 15	11 18	18 27	18 35	16 58		n.a.
S 10	16 0	20 50	2 14	17 50	1 8	13 56	0 35	17 4	1 25	10 52	1 16	21 3	1 30	1 12	0 40	11 58	1 49	4 15	11 18	18 27	18 34	16 59		n.a.
S 11	16 19	20 21	3 22	18 23	1 13	14 23	0 33	16 51	1 23	10 49	1 16	21 2	1 30	1 11	0 40	11 59	1 49	4 15	11 17	18 27	18 33	17 0		n.a.
M12	16 37	18 35	4 16	18 55	1 19	14 49	0 31	16 38	1 21	10 46	1 17	21 1	1 30	1 11	0 40	11 59	1 49	4 15	11 17	18 27	18 32	17 1		n.a.
T 13	16 55	15 46	4 54	19 26	1 24	15 15	0 28	16 24	1 19	10 44	1 17	21 1	1 30	1 10	0 40	12 0	1 49	4 14	11 17	18 27	18 31	17 2		n.a.
W14	17 12	12 13	5 14	19 56	1 29	15 40	0 26	16 11	1 17	10 41	1 17	21 0	1 30	1 10	0 40	12 1	1 49	4 14	11 17	18 27	18 31	17 4		n.a.
T 15	17 30	8 11	5 18	20 25	1 34	16 5	0 24	15 58	1 16	10 38	1 17	20 59	1 30	1 9	0 40	12 2	1 49	4 14	11 17	18 27	18 30	17 5		n.a.
F 16	17 47	3 54	5 5	20 53	1 38	16 29	0 21	15 44	1 14	10 36	1 18	20 58	1 30	1 8	0 40	12 2	1 49	4 13	11 17	18 27	18 29	17 6		n.a.
S 17	18 4	0n28	4 39	21 21	1 42	16 53	0 19	15 31	1 12	10 33	1 18	20 57	1 30	1 8	0 40	12 3	1 49	4 13	11 17	18 27	18 28	17 7		n.a.
S 18	18 20	4 44	4 1	21 47	1 47	17 17	0 17	15 17	1 10	10 31	1 18	20 56	1 29	1 7	0 40	12 4	1 49	4 13	11 17	18 27	18 27	17 8		n.a.
M19	18 36	8 46	3 13	22 11	1 50	17 40	0 14	15 3	1 8	10 28	1 18	20 55	1 29	1 7	0 40	12 5	1 49	4 13	11 17	18 27	18 26	17 9		n.a.
T 20	18 52	12 26	2 17	22 35	1 54	18 3	0 12	14 50	1 6	10 26	1 19	20 54	1 29	1 6	0 40	12 5	1 49	4 12	11 17	18 27	18 26	17 10		n.a.
W21	19 7	15 36	1 15	22 58	1 57	18 25	0 10	14 36	1 4	10 24	1 19	20 53	1 29	1 6	0 40	12 6	1 49	4 12	11 17	18 27	18 25	17 12		n.a.
T 22	19 22	18 8	0 10	23 19	2 0	18 46	0 7	14 22	1 3	10 22	1 19	20 52	1 29	1 5	0 40	12 7	1 49	4 12	11 17	18 27	18 24	17 13		n.a.
F 23	19 37	19 53	0s55	23 39	2 3	19 7	0 5	14 8	1 1	10 19	1 19	20 51	1 29	1 5	0 40	12 7	1 49	4 12	11 16	18 27	18 23	17 14		n.a.
S 24	19 51	20 46	1 59	23 57	2 5	19 28	0 3	13 53	0 59	10 17	1 20	20 50	1 29	1 4	0 40	12 8	1 49	4 11	11 16	18 27	18 22	17 15		n.a.
S 25	20 5	20 43	2 57	24 15	2 7	19 48	0 0	13 39	0 57	10 15	1 20	20 49	1 29	1 4	0 40	12 9	1 49	4 11	11 16	18 27	18 21	17 16		n.a.
M26	20 18	19 42	3 49	24 30	2 8	20 8	0s 2	13 25	0 56	10 13	1 20	20 47	1 29	1 3	0 40	12 9	1 49	4 11	11 16	18 27	18 21	17 17		n.a.
T 27	20 31	17 45	4 30	24 44	2 9	20 26	0 4	13 10	0 54	10 11	1 20	20 46	1 29	1 3	0 40	12 10	1 49	4 11	11 16	18 26	18 20	17 18		n.a.
W28	20 44	14 58	5 0	24 57	2 10	20 45	0 7	12 56	0 52	10 9	1 21	20 45	1 29	1 3	0 40	12 11	1 49	4 11	11 16	18 26	18 19	17 19		n.a.
T 29	20 56	11 25	5 15	25 8	2 10	21 2	0 9	12 41	0 51	10 8	1 21	20 44	1 29	1 2	0 40	12 11	1 49	4 10	11 16	18 26	18 18	17 20		n.a.
F 30	21s 8	7n15	5s15	25s17	2s 9	21s20	0s12	12s27	0s49	10n 6	1n21	20s43	1s29	1n 2	0s40	12s12	1n49	4n10	11s16	18s26	18s17	17n22		n.a.

Julian Day Number = 1599733.5, Delta T = 03h59m56s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'19, Lahiri = - 8°33'18 Julian Calendar 1 Nov. 334 BCE == Greg. Calendar 27 Oct. 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 334 BCE
geocentric

DECEMBER 334 BCE (-333) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 18 25	4♐39'32	11♍49	19♐ 5	4♐53	0♓25	7♍38	4♒58	4°R 3	6♏43	9°R33	21♏45	21♏10	16♉30	n.a.	S 1
S 2	4 22 22	5°40'48	25°38	20°39	6° 9	1° 2	7°43	5° 3	4♈ 2	6°45	9♉32	21°46	21° 7	16°36	n.a.	S 2
M 3	4 26 18	6°42'05	9♎50	22°12	7°24	1°39	7°48	5° 8	4° 1	6°48	9°31	21°47	21° 4	16°43	n.a.	M 3
T 4	4 30 15	7°43'21	24°24	23°45	8°40	2°17	7°53	5°13	4° 1	6°50	9°30	21°48	21° 1	16°50	n.a.	T 4
W 5	4 34 11	8°44'38	9♏16	25°15	9°55	2°54	7°57	5°18	4° 0	6°52	9°29	21°49	20°58	16°56	n.a.	W 5
T 6	4 38 8	9°45'54	24°21	26°45	11°11	3°31	8° 2	5°23	3°59	6°54	9°28	21°R49	20°54	17° 3	n.a.	T 6
F 7	4 42 4	10°47'11	9♐29	28°12	12°26	4° 9	8° 6	5°28	3°59	6°55	9°27	21°49	20°51	17°10	n.a.	F 7
S 8	4 46 1	11°48'27	24°31	29°37	13°42	4°46	8°10	5°34	3°58	6°57	9°26	21°47	20°48	17°16	n.a.	S 8
S 9	4 49 58	12°49'43	9♑18	1♑ 0	14°57	5°24	8°14	5°39	3°58	6°59	9°25	21°44	20°45	17°23	n.a.	S 9
M10	4 53 54	13°50'58	23°44	2°19	16°12	6° 1	8°17	5°45	3°57	7° 1	9°24	21°41	20°42	17°30	n.a.	M10
T 11	4 57 51	14°52'13	7♒43	3°34	17°28	6°39	8°21	5°50	3°57	7° 3	9°23	21°38	20°39	17°36	n.a.	T 11
W12	5 1 47	15°53'27	21°14	4°45	18°43	7°17	8°24	5°56	3°57	7° 5	9°23	21°35	20°35	17°43	n.a.	W12
T 13	5 5 44	16°54'40	4♓18	5°51	19°59	7°55	8°27	6° 1	3°56	7° 7	9°22	21°33	20°32	17°50	n.a.	T 13
F 14	5 9 40	17°55'52	16°57	6°51	21°14	8°32	8°30	6° 7	3°56	7° 9	9°21	21°D32	20°29	17°56	n.a.	F 14
S 15	5 13 37	18°57'03	29°17	7°44	22°29	9°10	8°33	6°13	3°56	7°11	9°20	21°33	20°26	18° 3	n.a.	S 15
S 16	5 17 33	19°58'13	11♈21	8°29	23°45	9°48	8°36	6°19	3°56	7°12	9°19	21°34	20°23	18° 9	n.a.	S 16
M17	5 21 30	20°59'23	23°14	9° 6	25° 0	10°26	8°38	6°25	3°56	7°14	9°18	21°36	20°20	18°16	n.a.	M17
T 18	5 25 27	22° 0'32	5♉ 2	9°33	26°15	11° 4	8°40	6°31	3°D56	7°16	9°17	21°38	20°16	18°23	n.a.	T 18
W19	5 29 23	23° 1'39	16°48	9°50	27°31	11°42	8°42	6°37	3°56	7°18	9°17	21°R39	20°13	18°29	n.a.	W19
T 20	5 33 20	24° 2'46	28°37	9°R57	28°46	12°20	8°44	6°43	3°56	7°19	9°16	21°39	20°10	18°36	n.a.	T 20
F 21	5 37 16	25° 3'52	10♊31	9°51	0♑ 1	12°58	8°46	6°49	3°56	7°21	9°15	21°37	20° 7	18°43	n.a.	F 21
S 22	5 41 13	26° 4'57	22°32	9°35	1°17	13°36	8°47	6°55	3°56	7°23	9°14	21°34	20° 4	18°49	n.a.	S 22
S 23	5 45 9	27° 6'01	4♋43	9° 6	2°32	14°14	8°49	7° 1	3°56	7°24	9°14	21°28	20° 0	18°56	n.a.	S 23
M24	5 49 6	28° 7'05	17° 4	8°27	3°47	14°52	8°50	7° 8	3°57	7°26	9°13	21°22	19°57	19° 3	n.a.	M24
T 25	5 53 3	29° 8'07	29°37	7°37	5° 2	15°31	8°51	7°14	3°57	7°27	9°12	21°15	19°54	19° 9	n.a.	T 25
W26	5 56 59	0♑ 9'08	12♌21	6°39	6°18	16° 9	8°51	7°21	3°58	7°29	9°11	21° 8	19°51	19°16	n.a.	W26
T 27	6 0 56	1°10'09	25°19	5°33	7°33	16°47	8°52	7°27	3°58	7°31	9°11	21° 2	19°48	19°23	n.a.	T 27
F 28	6 4 52	2°11'09	8♍30	4°22	8°48	17°25	8°52	7°33	3°58	7°32	9°10	20°58	19°45	19°29	n.a.	F 28
S 29	6 8 49	3°12'08	21°55	3° 8	10° 3	18° 3	8°R52	7°40	3°59	7°34	9°10	20°55	19°41	19°36	n.a.	S 29
S 30	6 12 45	4°13'06	5♎37	1°53	11°19	18°42	8°52	7°47	4° 0	7°35	9° 9	20°D55	19°38	19°43	n.a.	S 30
M31	6 16 42	5♑14'03	19♎35	0♑39	12♑34	19♓20	8♍52	7♒53	4♈ 0	7♏36	9♉ 8	20♏55	19♏35	19♉49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s20	2n37	4s58	25s25	2s 8	21s36	0s14	12s12	0s48	10n 4	1n22	20s41	1s29	1n 2	0s40	12s13	1n49	4n10	11s15	18s26	18s16	17n23		n.a.
S 2	21 31	2s16	4 24	25 30	2 7	21 52	0 16	11 57	0 46	10 2	1 22	20 40	1 28	1 1	0 40	12 13	1 49	4 10	11 15	18 26	18 16	17 24		n.a.
M 3	21 42	7 11	3 32	25 34	2 4	22 7	0 19	11 42	0 44	10 1	1 22	20 39	1 28	1 1	0 39	12 14	1 49	4 10	11 15	18 26	18 15	17 25		n.a.
T 4	21 52	11 50	2 26	25 36	2 1	22 22	0 21	11 27	0 43	9 59	1 22	20 38	1 28	1 1	0 39	12 15	1 49	4 9	11 15	18 26	18 14	17 26		n.a.
W 5	22 2	15 51	1 9	25 37	1 58	22 36	0 23	11 12	0 41	9 58	1 23	20 36	1 28	1 0	0 39	12 15	1 49	4 9	11 15	18 27	18 13	17 27		n.a.
T 6	22 11	18 52	0n14	25 35	1 53	22 49	0 25	10 57	0 40	9 56	1 23	20 35	1 28	1 0	0 39	12 16	1 49	4 9	11 15	18 27	18 12	17 28		n.a.
F 7	22 20	20 34	1 36	25 31	1 48	23 1	0 28	10 42	0 38	9 55	1 23	20 33	1 28	1 0	0 39	12 17	1 49	4 9	11 15	18 27	18 11	17 29		n.a.
S 8	22 29	20 46	2 51	25 26	1 42	23 13	0 30	10 27	0 37	9 54	1 24	20 32	1 28	1 0	0 39	12 17	1 49	4 9	11 14	18 26	18 10	17 30		n.a.
S 9	22 37	19 31	3 53	25 19	1 35	23 24	0 32	10 12	0 35	9 53	1 24	20 31	1 28	1 0	0 39	12 18	1 49	4 9	11 14	18 25	18 10	17 31		n.a.
M10	22 45	17 3	4 39	25 10	1 27	23 35	0 34	9 56	0 34	9 52	1 24	20 29	1 28	1 0	0 39	12 18	1 49	4 9	11 14	18 25	18 9	17 32		n.a.
T 11	22 52	13 38	5 6	24 59	1 18	23 44	0 37	9 41	0 33	9 51	1 24	20 28	1 28	0 59	0 39	12 19	1 49	4 9	11 14	18 24	18 8	17 33		n.a.
W12	22 59	9 37	5 15	24 47	1 8	23 53	0 39	9 25	0 31	9 50	1 25	20 26	1 28	0 59	0 39	12 20	1 49	4 8	11 14	18 23	18 7	17 34		n.a.
T 13	23 5	5 17	5 8	24 33	0 57	24 2	0 41	9 10	0 30	9 49	1 25	20 25	1 28	0 59	0 39	12 20	1 49	4 8	11 13	18 22	18 6	17 35		n.a.
F 14	23 11	0 51	4 45	24 18	0 45	24 9	0 43	8 54	0 28	9 48	1 25	20 23	1 28	0 59	0 39	12 21	1 49	4 8	11 13	18 22	18 5	17 36		n.a.
S 15	23 16	3n31	4 10	24 2	0 32	24 16	0 45	8 39	0 27	9 47	1 26	20 22	1 28	0 59	0 39	12 21	1 49	4 8	11 13	18 22	18 5	17 37		n.a.
S 16	23 21	7 40	3 24	23 45	0 17	24 22	0 47	8 23	0 26	9 46	1 26	20 20	1 28	0 59	0 39	12 22	1 49	4 8	11 13	18 23	18 4	17 38		n.a.
M17	23 25	11 27	2 30	23 27	0 2	24 27	0 49	8 7	0 24	9 46	1 26	20 19	1 28	0 59	0 39	12 22	1 49	4 8	11 13	18 23	18 3	17 39		n.a.
T 18	23 29	14 46	1 30	23 9	0n15	24 32	0 51	7 52	0 23	9 45	1 27	20 17	1 28	0 59	0 39	12 23	1 49	4 8	11 12	18 24	18 2	17 40		n.a.
W19	23 33	17 29	0 27	22 50	0 32	24 35	0 53	7 36	0 22	9 45	1 27	20 16	1 28	0 59	0 39	12 23	1 50	4 8	11 12	18 24	18 1	17 41		n.a.
T 20	23 36	19 29	0s38	22 32	0 50	24 38	0 55	7 20	0 21	9 44	1 27	20 14	1 28	0 59	0 39	12 24	1 50	4 8	11 12	18 24	18 0	17 42		n.a.
F 21	23 38	20 37	1 41	22 13	1 9	24 41	0 57	7 4	0 19	9 44	1 27	20 13	1 28	0 59	0 39	12 24	1 50	4 8	11 12	18 23	17 59	17 43		n.a.
S 22	23 41	20 51	2 41	21 56	1 27	24 42	0 58	6 48	0 18	9 44	1 28	20 11	1 28	1 0	0 39	12 25	1 50	4 8	11 12	18 23	17 58	17 44		n.a.
S 23	23 42	20 5	3 34	21 39	1 46	24 43	1 0	6 32	0 17	9 43	1 28	20 9	1 28	1 0	0 39	12 25	1 50	4 8	11 11	18 21	17 58	17 45		n.a.
M24	23 43	18 23	4 17	21 23	2 5	24 43	1 2	6 16	0 16	9 43	1 28	20 8	1 28	1 0	0 39	12 26	1 50	4 8	11 11	18 19	17 57	17 46		n.a.
T 25	23 44	15 47	4 49	21 8	2 23	24 42	1 4	6 0	0 14	9 43	1 29	20 6	1 27	1 0	0 39	12 26	1 50	4 8	11 11	18 18	17 56	17 47		n.a.
W26	23 44	12 24	5 7	20 55	2 39	24 40	1 5	5 44	0 13	9 43	1 29	20 4	1 27	1 0	0 39	12 27	1 50	4 8	11 11	18 16	17 55	17 48		n.a.
T 27	23 44	8 23	5 9	20 43	2 54	24 38	1 7	5 28	0 12	9 43	1 29	20 3	1 27	1 0	0 39	12 27	1 50	4 8	11 11	18 14	17 54	17 49		n.a.
F 28	23 43	3 55	4 56	20 32	3 8	24 34	1 8	5 12	0 11	9 43	1 30	20 1	1 27	1 1	0 39	12 28	1 50	4 8	11 10	18 13	17 53	17 50		n.a.
S 29	23 42	0s50	4 26	20 23	3 19	24 30	1 10	4 56	0 10	9 44	1 30	19 59	1 27	1 1	0 38	12 28	1 50	4 8	11 10	18 12	17 52	17 51		n.a.
S 30	23 40	5 38	3 41	20 16	3 28	24 26	1 11	4 39	0 9	9 44	1 30	19 57	1 27	1 1	0 38	12 29	1 50	4 8	11 10	18 12	17 52	17 52		n.a.
M31	23s38	10s14	2s42	20s10	3n34	24s20	1s13	4s23	0s 8	9n44	1n31	19s56	1s27	1n 1	0s38	12s29	1n50	4n 8	11s10	18s12	17s51	17n53		n.a.

Julian Day Number = 1599763.5, Delta T = 03h59m55s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'15, Lahiri = - 8°33'14 Julian Calendar 1 Dec. 334 BCE == Greg. Calendar 26 Nov. 334 BCE

The year -333 astronomical counting style corresponds to year 334 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

JANUARY 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 20 38	6♑14'59	3♏49	29°R29	13♑49	19♓58	8°R52	8♒ 0	4♈ 1	7♏38	9°R 8	20♏57	19♏32	19♉56	n.a.	T 1
W 2	6 24 35	7°15'55	18°18	28♐23	15° 4	20°37	8♐51	8° 7	4° 2	7°39	9♉ 7	20°R57	19°29	20° 2	n.a.	W 2
T 3	6 28 32	8°16'50	2♐58	27°24	16°19	21°15	8°50	8°13	4° 3	7°41	9° 7	20°57	19°26	20° 9	n.a.	T 3
F 4	6 32 28	9°17'43	17°45	26°32	17°34	21°53	8°49	8°20	4° 4	7°42	9° 6	20°54	19°22	20°16	n.a.	F 4
S 5	6 36 25	10°18'35	2♑32	25°48	18°49	22°32	8°48	8°27	4° 4	7°43	9° 6	20°49	19°19	20°22	n.a.	S 5
S 6	6 40 21	11°19'26	17°11	25°12	20° 5	23°10	8°47	8°34	4° 5	7°44	9° 5	20°42	19°16	20°29	n.a.	S 6
M 7	6 44 18	12°20'16	1♒34	24°44	21°20	23°49	8°45	8°41	4° 6	7°46	9° 5	20°33	19°13	20°36	n.a.	M 7
T 8	6 48 14	13°21'04	15°35	24°25	22°35	24°27	8°43	8°48	4° 8	7°47	9° 4	20°24	19°10	20°42	n.a.	T 8
W 9	6 52 11	14°21'50	29°11	24°14	23°50	25° 6	8°41	8°55	4° 9	7°48	9° 4	20°16	19° 6	20°49	n.a.	W 9
T 10	6 56 7	15°22'35	12♓20	24°D10	25° 5	25°44	8°39	9° 2	4°10	7°49	9° 4	20° 9	19° 3	20°56	n.a.	T 10
F 11	7 0 4	16°23'18	25° 4	24°14	26°20	26°23	8°37	9° 9	4°11	7°50	9° 3	20° 4	19° 0	21° 2	n.a.	F 11
S 12	7 4 1	17°23'59	7♈27	24°24	27°35	27° 1	8°34	9°16	4°12	7°51	9° 3	20° 2	18°57	21° 9	n.a.	S 12
S 13	7 7 57	18°24'38	19°33	24°41	28°50	27°40	8°32	9°23	4°14	7°52	9° 2	20°D 1	18°54	21°16	n.a.	S 13
M14	7 11 54	19°25'15	1♉27	25° 4	0♒ 5	28°18	8°29	9°30	4°15	7°53	9° 2	20° 2	18°51	21°22	n.a.	M14
T 15	7 15 50	20°25'51	13°15	25°32	1°20	28°57	8°26	9°37	4°16	7°54	9° 2	20° 3	18°47	21°29	n.a.	T 15
W16	7 19 47	21°26'25	25° 2	26° 6	2°35	29°35	8°23	9°45	4°18	7°55	9° 2	20°R 3	18°44	21°35	n.a.	W16
T 17	7 23 43	22°26'56	6♊53	26°43	3°50	0♈14	8°19	9°52	4°19	7°56	9° 1	20° 1	18°41	21°42	n.a.	T 17
F 18	7 27 40	23°27'26	18°51	27°26	5° 4	0°52	8°16	9°59	4°21	7°57	9° 1	19°57	18°38	21°49	n.a.	F 18
S 19	7 31 36	24°27'55	1♋ 2	28°12	6°19	1°31	8°12	10° 6	4°23	7°58	9° 1	19°50	18°35	21°55	n.a.	S 19
S 20	7 35 33	25°28'21	13°25	29° 1	7°34	2°10	8° 8	10°14	4°24	7°59	9° 1	19°41	18°32	22° 2	n.a.	S 20
M21	7 39 30	26°28'45	26° 4	29°54	8°49	2°48	8° 4	10°21	4°26	8° 0	9° 1	19°30	18°28	22° 9	n.a.	M21
T 22	7 43 26	27°29'08	8♌57	0♑50	10° 4	3°27	7°59	10°28	4°28	8° 0	9° 1	19°18	18°25	22°15	n.a.	T 22
W23	7 47 23	28°29'29	22° 3	1°49	11°19	4° 5	7°55	10°35	4°29	8° 1	9° 0	19° 6	18°22	22°22	n.a.	W23
T 24	7 51 19	29°29'48	5♍22	2°51	12°33	4°44	7°50	10°43	4°31	8° 2	9° 0	18°55	18°19	22°29	n.a.	T 24
F 25	7 55 16	0♒30'05	18°52	3°55	13°48	5°22	7°46	10°50	4°33	8° 2	9° 0	18°46	18°16	22°35	n.a.	F 25
S 26	7 59 12	1°30'21	2♎31	5° 1	15° 3	6° 1	7°41	10°58	4°35	8° 3	9° 0	18°40	18°12	22°42	n.a.	S 26
S 27	8 3 9	2°30'35	16°19	6°10	16°17	6°40	7°36	11° 5	4°37	8° 4	9°D 0	18°37	18° 9	22°49	n.a.	S 27
M28	8 7 5	3°30'48	0♏15	7°20	17°32	7°18	7°30	11°12	4°39	8° 4	9° 0	18°D36	18° 6	22°55	n.a.	M28
T 29	8 11 2	4°30'59	14°18	8°33	18°47	7°57	7°25	11°20	4°41	8° 5	9° 0	18°R36	18° 3	23° 2	n.a.	T 29
W30	8 14 59	5°31'08	28°29	9°47	20° 1	8°35	7°20	11°27	4°43	8° 5	9° 0	18°36	18° 0	23° 9	n.a.	W30
T 31	8 18 55	6♒31'16	12♐47	11♑ 3	21♒16	9♈14	7♍14	11♒35	4♈45	8♏ 6	9♉ 0	18♏34	17♏57	23♉15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s35	14s23	1s32	20s 6	3n38	24s14	1s14	4s 7	0s 6	9n45	1n31	19s54	1s27	1n 2	0s38	12s30	1n50	4n 8	11s 9	18s13	17s50	17n54			n.a.
W 2	23 32	17 43	0 14	20 4	3 39	24 7	1 15	3 51	0 5	9 45	1 31	19 52	1 27	1 2	0 38	12 30	1 50	4 8	11 9	18 13	17 49	17 55			n.a.
T 3	23 28	19 57	1n 5	20 4	3 39	23 59	1 16	3 35	0 4	9 46	1 31	19 50	1 27	1 3	0 38	12 30	1 50	4 8	11 9	18 13	17 48	17 56			n.a.
F 4	23 24	20 51	2 20	20 5	3 36	23 51	1 18	3 18	0 3	9 47	1 32	19 48	1 27	1 3	0 38	12 31	1 50	4 8	11 9	18 12	17 47	17 57			n.a.
S 5	23 20	20 17	3 25	20 8	3 32	23 42	1 19	3 2	0 2	9 47	1 32	19 47	1 27	1 3	0 38	12 31	1 50	4 8	11 8	18 11	17 46	17 58			n.a.
S 6	23 15	18 23	4 16	20 13	3 26	23 32	1 20	2 46	0 1	9 48	1 32	19 45	1 27	1 4	0 38	12 31	1 50	4 8	11 8	18 9	17 45	17 59			n.a.
M 7	23 9	15 20	4 50	20 19	3 19	23 21	1 21	2 29	0 0	9 49	1 33	19 43	1 27	1 4	0 38	12 32	1 50	4 9	11 8	18 6	17 45	18 0			n.a.
T 8	23 3	11 30	5 6	20 27	3 10	23 10	1 22	2 13	0n 1	9 50	1 33	19 41	1 27	1 5	0 38	12 32	1 50	4 9	11 8	18 4	17 44	18 1			n.a.
W 9	22 57	7 10	5 3	20 35	3 1	22 58	1 23	1 57	0 2	9 51	1 33	19 39	1 27	1 5	0 38	12 32	1 50	4 9	11 7	18 2	17 43	18 2			n.a.
T 10	22 50	2 39	4 44	20 45	2 51	22 45	1 23	1 40	0 3	9 52	1 34	19 37	1 27	1 6	0 38	12 33	1 51	4 9	11 7	18 0	17 42	18 3			n.a.
F 11	22 43	1n52	4 12	20 56	2 41	22 31	1 24	1 24	0 4	9 53	1 34	19 35	1 27	1 6	0 38	12 33	1 51	4 9	11 7	17 59	17 41	18 4			n.a.
S 12	22 35	6 10	3 28	21 7	2 30	22 17	1 25	1 8	0 5	9 54	1 34	19 34	1 27	1 7	0 38	12 33	1 51	4 9	11 7	17 58	17 40	18 5			n.a.
S 13	22 27	10 9	2 36	21 19	2 19	22 3	1 26	0 51	0 6	9 56	1 34	19 32	1 27	1 7	0 38	12 34	1 51	4 9	11 6	17 58	17 39	18 5			n.a.
M14	22 18	13 39	1 38	21 31	2 8	21 47	1 26	0 35	0 7	9 57	1 35	19 30	1 27	1 8	0 38	12 34	1 51	4 9	11 6	17 58	17 38	18 6			n.a.
T 15	22 10	16 35	0 36	21 43	1 57	21 31	1 27	0 18	0 8	9 58	1 35	19 28	1 27	1 8	0 38	12 34	1 51	4 10	11 6	17 58	17 38	18 7			n.a.
W16	22 0	18 50	0s27	21 55	1 45	21 14	1 27	0 2	0 9	10 0	1 35	19 26	1 27	1 9	0 38	12 34	1 51	4 10	11 5	17 58	17 37	18 8			n.a.
T 17	21 50	20 16	1 29	22 8	1 34	20 57	1 28	0n14	0 9	10 2	1 36	19 24	1 27	1 10	0 38	12 35	1 51	4 10	11 5	17 58	17 36	18 9			n.a.
F 18	21 40	20 48	2 28	22 20	1 23	20 39	1 28	0 31	0 10	10 3	1 36	19 22	1 27	1 10	0 38	12 35	1 51	4 10	11 5	17 57	17 35	18 10			n.a.
S 19	21 29	20 23	3 20	22 32	1 12	20 21	1 28	0 47	0 11	10 5	1 36	19 20	1 27	1 11	0 38	12 35	1 51	4 10	11 5	17 55	17 34	18 11			n.a.
S 20	21 18	18 59	4 5	22 43	1 1	20 2	1 28	1 3	0 12	10 7	1 36	19 18	1 27	1 12	0 38	12 35	1 51	4 11	11 4	17 52	17 33	18 12			n.a.
M21	21 7	16 39	4 38	22 54	0 50	19 42	1 28	1 20	0 13	10 8	1 37	19 16	1 28	1 12	0 38	12 36	1 51	4 11	11 4	17 49	17 32	18 13			n.a.
T 22	20 55	13 28	4 57	23 4	0 40	19 22	1 29	1 36	0 14	10 10	1 37	19 14	1 28	1 13	0 38	12 36	1 51	4 11	11 4	17 46	17 31	18 13			n.a.
W23	20 43	9 34	5 2	23 14	0 29	19 1	1 29	1 52	0 15	10 12	1 37	19 12	1 28	1 14	0 38	12 36	1 51	4 11	11 4	17 43	17 30	18 14			n.a.
T 24	20 30	5 10	4 50	23 23	0 19	18 40	1 28	2 8	0 15	10 14	1 37	19 10	1 28	1 15	0 38	12 36	1 51	4 11	11 3	17 40	17 30	18 15			n.a.
F 25	20 17	0 27	4 22	23 31	0 9	18 18	1 28	2 25	0 16	10 16	1 38	19 8	1 28	1 16	0 37	12 36	1 51	4 12	11 3	17 37	17 29	18 16			n.a.
S 26	20 4	4s21	3 39	23 38	0s 0	17 55	1 28	2 41	0 17	10 18	1 38	19 6	1 28	1 16	0 37	12 36	1 51	4 12	11 3	17 36	17 28	18 17			n.a.
S 27	19 50	8 59	2 42	23 45	0 9	17 33	1 28	2 57	0 18	10 20	1 38	19 4	1 28	1 17	0 37	12 37	1 52	4 12	11 2	17 35	17 27	18 18			n.a.
M28	19 36	13 11	1 36	23 50	0 18	17 9	1 28	3 13	0 19	10 23	1 38	19 2	1 28	1 18	0 37	12 37	1 52	4 12	11 2	17 34	17 26	18 19			n.a.
T 29	19 22	16 41	0 23	23 54	0 27	16 46	1 27	3 29	0 20	10 25	1 39	19 0	1 28	1 19	0 37	12 37	1 52	4 13	11 2	17 34	17 25	18 19			n.a.
W30	19 7	19 13	0n52	23 57	0 35	16 21	1 27	3 45	0 20	10 27	1 39	18 58	1 28	1 20	0 37	12 37	1 52	4 13	11 2	17 34	17 24	18 20			n.a.
T 31	18s52	20s33	2n 4	23s59	0s43	15s57	1s26	4n 1	0n21	10n29	1n39	18s56	1s28	1n21	0s37	12s37	1n52	4n13	11s 1	17s34	17s23	18n21			n.a.

Julian Day Number = 1599794.5, Delta T = 03h59m53s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'11, Lahiri = - 8°33'10 Julian Calendar 1 Jan. 333 BCE == Greg. Calendar 27 Dec. 334 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

FEBRUARY 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 22 52	7♒31'22	27♐ 7	12♑21	22♒30	9♈52	7°R 8	11♒42	4♈47	8♏ 6	9♉ 0	18°R30	17♏53	23♉22	n.a.	F 1
S 2	8 26 48	8°31'27	11♑28	13°40	23°45	10°31	7♍ 2	11°50	4°50	8° 7	9° 1	18♏23	17°50	23°28	n.a.	S 2
S 3	8 30 45	9°31'29	25°43	15° 1	25° 0	11°10	6°56	11°57	4°52	8° 7	9° 1	18°13	17°47	23°35	n.a.	S 3
M 4	8 34 41	10°31'30	9♒47	16°23	26°14	11°48	6°50	12° 4	4°54	8° 7	9° 1	18° 1	17°44	23°42	n.a.	M 4
T 5	8 38 38	11°31'28	23°35	17°47	27°29	12°27	6°44	12°12	4°57	8° 8	9° 1	17°48	17°41	23°48	n.a.	T 5
W 6	8 42 34	12°31'25	7♓ 3	19°12	28°43	13° 5	6°37	12°19	4°59	8° 8	9° 1	17°36	17°38	23°55	n.a.	W 6
T 7	8 46 31	13°31'19	20° 9	20°38	29°57	13°44	6°31	12°27	5° 1	8° 8	9° 1	17°25	17°34	24° 2	n.a.	T 7
F 8	8 50 28	14°31'11	2♈52	22° 6	1♓12	14°23	6°24	12°34	5° 4	8° 8	9° 2	17°17	17°31	24° 8	n.a.	F 8
S 9	8 54 24	15°31'00	15°16	23°35	2°26	15° 1	6°17	12°42	5° 6	8° 8	9° 2	17°12	17°28	24°15	n.a.	S 9
S 10	8 58 21	16°30'47	27°23	25° 5	3°41	15°40	6°10	12°49	5° 9	8° 8	9° 2	17° 9	17°25	24°22	n.a.	S 10
M11	9 2 17	17°30'32	9♉19	26°37	4°55	16°18	6° 4	12°57	5°11	8° 9	9° 3	17° 8	17°22	24°28	n.a.	M11
T 12	9 6 14	18°30'15	21° 8	28° 9	6° 9	16°57	5°57	13° 4	5°14	8° 9	9° 3	17° 8	17°18	24°35	n.a.	T 12
W13	9 10 10	19°29'55	2♊56	29°43	7°23	17°35	5°49	13°11	5°16	8°R 9	9° 3	17° 8	17°15	24°42	n.a.	W13
T 14	9 14 7	20°29'33	14°48	1♒19	8°38	18°14	5°42	13°19	5°19	8° 9	9° 4	17° 6	17°12	24°48	n.a.	T 14
F 15	9 18 3	21°29'09	26°50	2°55	9°52	18°52	5°35	13°26	5°22	8° 9	9° 4	17° 2	17° 9	24°55	n.a.	F 15
S 16	9 22 0	22°28'42	9♋ 7	4°33	11° 6	19°31	5°28	13°34	5°24	8° 9	9° 4	16°55	17° 6	25° 2	n.a.	S 16
S 17	9 25 56	23°28'13	21°40	6°12	12°20	20°10	5°20	13°41	5°27	8° 8	9° 5	16°46	17° 3	25° 8	n.a.	S 17
M18	9 29 53	24°27'42	4♌32	7°52	13°34	20°48	5°13	13°48	5°30	8° 8	9° 5	16°34	16°59	25°15	n.a.	M18
T 19	9 33 50	25°27'08	17°44	9°34	14°48	21°27	5° 5	13°56	5°33	8° 8	9° 6	16°22	16°56	25°21	n.a.	T 19
W20	9 37 46	26°26'32	1♍13	11°16	16° 2	22° 5	4°58	14° 3	5°36	8° 8	9° 6	16° 9	16°53	25°28	n.a.	W20
T 21	9 41 43	27°25'54	14°57	13° 0	17°16	22°44	4°50	14°10	5°38	8° 8	9° 7	15°58	16°50	25°35	n.a.	T 21
F 22	9 45 39	28°25'14	28°52	14°46	18°30	23°22	4°43	14°18	5°41	8° 7	9° 7	15°49	16°47	25°41	n.a.	F 22
S 23	9 49 36	29°24'32	12♎55	16°33	19°44	24° 0	4°35	14°25	5°44	8° 7	9° 8	15°42	16°43	25°48	n.a.	S 23
S 24	9 53 32	0♓23'48	27° 2	18°21	20°58	24°39	4°27	14°32	5°47	8° 7	9° 8	15°39	16°40	25°55	n.a.	S 24
M25	9 57 29	1°23'02	11♏10	20°10	22°12	25°17	4°20	14°40	5°50	8° 6	9° 9	15°D38	16°37	26° 1	n.a.	M25
T 26	10 1 25	2°22'14	25°17	22° 1	23°25	25°56	4°12	14°47	5°53	8° 6	9°10	15°R38	16°34	26° 8	n.a.	T 26
W27	10 5 22	3°21'25	9♐24	23°53	24°39	26°34	4° 4	14°54	5°56	8° 6	9°10	15°38	16°31	26°15	n.a.	W27
T 28	10 9 19	4°20'33	23°28	25°46	25°53	27°13	3°56	15° 1	5°59	8° 5	9°11	15°37	16°28	26°21	n.a.	T 28
F 29	10 13 15	5♓19'40	7♑28	27♒41	27♓ 6	27♈51	3♍49	15♒ 8	6♈ 2	8♏ 5	9♉12	15♏33	16♏24	26♉28	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s37	20s33	3n 9	24s 0	0s51	15s32	1s26	4n18	0n22	10n32	1n39	18s54	1s28	1n21	0s37	12s37	1n52	4n14	11s 1	17s33	17s22	18n22		n.a.
S 2	18 21	19 14	4 1	24 0	0 59	15 6	1 25	4 34	0 23	10 34	1 39	18 52	1 28	1 22	0 37	12 37	1 52	4 14	11 1	17 31	17 21	18 23		n.a.
S 3	18 5	16 42	4 38	23 58	1 6	14 40	1 24	4 50	0 23	10 37	1 40	18 50	1 28	1 23	0 37	12 37	1 52	4 14	11 1	17 28	17 21	18 24		n.a.
M 4	17 49	13 14	4 58	23 55	1 12	14 14	1 23	5 5	0 24	10 39	1 40	18 47	1 28	1 24	0 37	12 37	1 52	4 15	11 0	17 24	17 20	18 24		n.a.
T 5	17 32	9 7	4 59	23 50	1 19	13 47	1 23	5 21	0 25	10 42	1 40	18 45	1 28	1 25	0 37	12 37	1 52	4 15	11 0	17 21	17 19	18 25		n.a.
W 6	17 15	4 39	4 44	23 44	1 25	13 20	1 22	5 37	0 25	10 44	1 40	18 43	1 28	1 26	0 37	12 37	1 52	4 15	11 0	17 17	17 18	18 26		n.a.
T 7	16 58	0 4	4 14	23 37	1 31	12 53	1 21	5 53	0 26	10 47	1 40	18 41	1 28	1 27	0 37	12 37	1 52	4 15	10 59	17 14	17 17	18 27		n.a.
F 8	16 41	4n23	3 32	23 29	1 36	12 25	1 20	6 9	0 27	10 50	1 41	18 39	1 28	1 28	0 37	12 37	1 52	4 16	10 59	17 12	17 16	18 28		n.a.
S 9	16 23	8 33	2 40	23 18	1 41	11 57	1 18	6 25	0 28	10 52	1 41	18 37	1 28	1 29	0 37	12 37	1 52	4 16	10 59	17 11	17 15	18 29		n.a.
S 10	16 5	12 16	1 43	23 7	1 46	11 29	1 17	6 40	0 28	10 55	1 41	18 35	1 28	1 30	0 37	12 37	1 52	4 17	10 59	17 10	17 14	18 29		n.a.
M11	15 47	15 26	0 41	22 53	1 50	11 0	1 16	6 56	0 29	10 58	1 41	18 33	1 29	1 31	0 37	12 37	1 52	4 17	10 58	17 10	17 13	18 30		n.a.
T 12	15 28	17 55	0s21	22 39	1 54	10 31	1 15	7 12	0 30	11 1	1 41	18 31	1 29	1 32	0 37	12 37	1 52	4 17	10 58	17 10	17 12	18 31		n.a.
W13	15 9	19 39	1 23	22 22	1 57	10 2	1 13	7 27	0 30	11 3	1 41	18 29	1 29	1 33	0 37	12 37	1 53	4 18	10 58	17 9	17 12	18 32		n.a.
T 14	14 50	20 31	2 21	22 4	2 0	9 33	1 12	7 43	0 31	11 6	1 42	18 27	1 29	1 34	0 37	12 37	1 53	4 18	10 58	17 9	17 11	18 32		n.a.
F 15	14 31	20 28	3 14	21 45	2 3	9 3	1 11	7 58	0 32	11 9	1 42	18 25	1 29	1 36	0 37	12 37	1 53	4 18	10 57	17 8	17 10	18 33		n.a.
S 16	14 11	19 27	3 59	21 23	2 5	8 33	1 9	8 13	0 32	11 12	1 42	18 23	1 29	1 37	0 37	12 37	1 53	4 19	10 57	17 6	17 9	18 34		n.a.
S 17	13 52	17 29	4 33	21 0	2 7	8 3	1 7	8 29	0 33	11 15	1 42	18 20	1 29	1 38	0 37	12 37	1 53	4 19	10 57	17 3	17 8	18 35		n.a.
M18	13 32	14 36	4 54	20 36	2 9	7 33	1 6	8 44	0 33	11 18	1 42	18 18	1 29	1 39	0 37	12 37	1 53	4 19	10 56	17 0	17 7	18 36		n.a.
T 19	13 12	10 56	5 1	20 9	2 10	7 2	1 4	8 59	0 34	11 20	1 42	18 16	1 29	1 40	0 37	12 37	1 53	4 20	10 56	16 56	17 6	18 36		n.a.
W20	12 51	6 39	4 51	19 41	2 10	6 32	1 2	9 14	0 35	11 23	1 42	18 14	1 29	1 41	0 37	12 37	1 53	4 20	10 56	16 52	17 5	18 37		n.a.
T 21	12 31	1 57	4 24	19 12	2 10	6 1	1 0	9 29	0 35	11 26	1 42	18 12	1 29	1 42	0 37	12 37	1 53	4 21	10 56	16 49	17 4	18 38		n.a.
F 22	12 10	2s55	3 41	18 40	2 10	5 30	0 59	9 44	0 36	11 29	1 42	18 10	1 29	1 44	0 37	12 36	1 53	4 21	10 55	16 46	17 3	18 39		n.a.
S 23	11 49	7 40	2 44	18 7	2 9	4 59	0 57	9 59	0 36	11 32	1 42	18 8	1 30	1 45	0 37	12 36	1 53	4 22	10 55	16 45	17 2	18 39		n.a.
S 24	11 28	12 3	1 37	17 32	2 7	4 28	0 55	10 14	0 37	11 35	1 43	18 6	1 30	1 46	0 37	12 36	1 53	4 22	10 55	16 44	17 1	18 40		n.a.
M25	11 7	15 44	0 24	16 55	2 5	3 56	0 53	10 29	0 38	11 38	1 43	18 4	1 30	1 47	0 37	12 36	1 53	4 22	10 55	16 43	17 1	18 41		n.a.
T 26	10 45	18 30	0n51	16 17	2 3	3 25	0 51	10 44	0 38	11 41	1 43	18 2	1 30	1 48	0 37	12 36	1 53	4 23	10 54	16 43	17 0	18 41		n.a.
W27	10 24	20 7	2 3	15 36	2 0	2 53	0 48	10 58	0 39	11 44	1 43	18 0	1 30	1 50	0 37	12 36	1 53	4 23	10 54	16 43	16 59	18 42		n.a.
T 28	10 2	20 28	3 7	14 55	1 56	2 22	0 46	11 13	0 39	11 47	1 43	17 58	1 30	1 51	0 37	12 35	1 53	4 24	10 54	16 43	16 58	18 43		n.a.
F 29	9s40	19s33	3n59	14s11	1s52	1s50	0s44	11n27	0n40	11n50	1n43	17s56	1s30	1n52	0s37	12s35	1n53	4n24	10s54	16s42	16s57	18n44		n.a.

Julian Day Number = 1599825.5, Delta T = 03h59m52s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'06, Lahiri = - 8°33'06 Julian Calendar 1 Feb. 333 BCE == Greg. Calendar 27 Jan. 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

MARCH 333 BCE (-332) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 17 12	6♓18'45	21♑23	29♒37	28♓20	28♈30	3°R41	15♒16	6♈ 5	8°R 4	9♉12	15°R27	16♏21	26♉35	n.a.	S 1
S 2	10 21 8	7°17'48	5♒11	1♓34	29°34	29° 8	3♍33	15°23	6° 8	8♏ 3	9°13	15♏18	16°18	26°41	n.a.	S 2
M 3	10 25 5	8°16'49	18°49	3°33	0♈47	29°46	3°25	15°30	6°11	8° 3	9°14	15° 7	16°15	26°48	n.a.	M 3
T 4	10 29 1	9°15'48	2♓14	5°33	2° 1	0♉25	3°18	15°37	6°15	8° 2	9°15	14°56	16°12	26°55	n.a.	T 4
W 5	10 32 58	10°14'45	15°23	7°34	3°14	1° 3	3°10	15°44	6°18	8° 2	9°15	14°45	16° 9	27° 1	n.a.	W 5
T 6	10 36 54	11°13'39	28°15	9°36	4°28	1°42	3° 2	15°51	6°21	8° 1	9°16	14°36	16° 5	27° 8	n.a.	T 6
F 7	10 40 51	12°12'32	10♈50	11°40	5°41	2°20	2°55	15°58	6°24	8° 0	9°17	14°28	16° 2	27°14	n.a.	F 7
S 8	10 44 47	13°11'22	23° 9	13°44	6°55	2°58	2°47	16° 5	6°27	8° 0	9°18	14°24	15°59	27°21	n.a.	S 8
S 9	10 48 44	14°10'10	5♉14	15°49	8° 8	3°37	2°40	16°12	6°31	7°59	9°19	14°21	15°56	27°28	n.a.	S 9
M10	10 52 41	15° 8'56	17° 9	17°54	9°21	4°15	2°32	16°19	6°34	7°58	9°19	14°D21	15°53	27°34	n.a.	M10
T 11	10 56 37	16° 7'39	28°58	20° 0	10°35	4°53	2°25	16°25	6°37	7°57	9°20	14°22	15°49	27°41	n.a.	T 11
W12	11 0 34	17° 6'20	10♊46	22° 6	11°48	5°32	2°18	16°32	6°40	7°56	9°21	14°22	15°46	27°48	n.a.	W12
T 13	11 4 30	18° 4'59	22°39	24°12	13° 1	6°10	2°10	16°39	6°44	7°55	9°22	14°R22	15°43	27°54	n.a.	T 13
F 14	11 8 27	19° 3'35	4♋42	26°17	14°14	6°48	2° 3	16°46	6°47	7°55	9°23	14°21	15°40	28° 1	n.a.	F 14
S 15	11 12 23	20° 2'10	17° 0	28°22	15°27	7°27	1°56	16°52	6°50	7°54	9°24	14°17	15°37	28° 8	n.a.	S 15
S 16	11 16 20	21° 0'41	29°37	0♈26	16°40	8° 5	1°49	16°59	6°54	7°53	9°25	14°12	15°34	28°14	n.a.	S 16
M17	11 20 16	21°59'11	12♌36	2°28	17°53	8°43	1°42	17° 5	6°57	7°52	9°26	14° 5	15°30	28°21	n.a.	M17
T 18	11 24 13	22°57'38	25°58	4°29	19° 6	9°21	1°35	17°12	7° 0	7°51	9°27	13°56	15°27	28°28	n.a.	T 18
W19	11 28 10	23°56'04	9♍43	6°27	20°19	10° 0	1°29	17°19	7° 4	7°50	9°28	13°48	15°24	28°34	n.a.	W19
T 20	11 32 6	24°54'27	23°48	8°24	21°32	10°38	1°22	17°25	7° 7	7°49	9°29	13°40	15°21	28°41	n.a.	T 20
F 21	11 36 3	25°52'48	8♎ 7	10°18	22°45	11°16	1°16	17°31	7°11	7°47	9°30	13°34	15°18	28°48	n.a.	F 21
S 22	11 39 59	26°51'07	22°36	12° 9	23°57	11°54	1° 9	17°38	7°14	7°46	9°31	13°30	15°15	28°54	n.a.	S 22
S 23	11 43 56	27°49'25	7♏ 8	13°56	25°10	12°32	1° 3	17°44	7°17	7°45	9°32	13°D29	15°11	29° 1	n.a.	S 23
M24	11 47 52	28°47'41	21°39	15°41	26°23	13°11	0°57	17°50	7°21	7°44	9°33	13°29	15° 8	29° 7	n.a.	M24
T 25	11 51 49	29°45'55	6♐ 3	17°21	27°35	13°49	0°51	17°57	7°24	7°43	9°34	13°30	15° 5	29°14	n.a.	T 25
W26	11 55 45	0♈44'08	20°17	18°58	28°48	14°27	0°45	18° 3	7°28	7°42	9°35	13°31	15° 2	29°21	n.a.	W26
T 27	11 59 42	1°42'19	4♑21	20°31	0♉ 0	15° 5	0°39	18° 9	7°31	7°41	9°36	13°R31	14°59	29°27	n.a.	T 27
F 28	12 3 38	2°40'29	18°13	22° 0	1°13	15°43	0°33	18°15	7°34	7°39	9°38	13°30	14°55	29°34	n.a.	F 28
S 29	12 7 35	3°38'37	1♒52	23°25	2°25	16°21	0°28	18°21	7°38	7°38	9°39	13°28	14°52	29°41	n.a.	S 29
S 30	12 11 32	4°36'44	15°19	24°45	3°38	17° 0	0°22	18°27	7°41	7°37	9°40	13°23	14°49	29°47	n.a.	S 30
M31	12 15 28	5♈34'49	28♒33	26♈ 1	4♉50	17♉38	0♍17	18♒33	7♈45	7♏35	9♉41	13♏17	14♏46	29♉54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s18	17s27	4n37	13s25	1s48	1s18	0s42	11n42	0n40	11n52	1n43	17s54	1s30	1n53	0s36	12s35	1n53	4n25	10s53	16s40	16s56	18n44		n.a.
S 2	8 56	14 23	4 58	12 38	1 43	0 47	0 39	11 56	0 41	11 55	1 43	17 52	1 30	1 55	0 36	12 35	1 54	4 25	10 53	16 37	16 55	18 45		n.a.
M 3	8 34	10 35	5 2	11 50	1 37	0 15	0 37	12 10	0 41	11 58	1 43	17 50	1 31	1 56	0 36	12 34	1 54	4 26	10 53	16 34	16 54	18 46		n.a.
T 4	8 12	6 19	4 49	11 0	1 31	0n17	0 35	12 24	0 42	12 1	1 43	17 48	1 31	1 57	0 36	12 34	1 54	4 26	10 53	16 31	16 53	18 46		n.a.
W 5	7 49	1 49	4 21	10 8	1 24	0 49	0 32	12 39	0 42	12 4	1 43	17 46	1 31	1 58	0 36	12 34	1 54	4 26	10 52	16 28	16 52	18 47		n.a.
T 6	7 27	2n39	3 40	9 15	1 17	1 20	0 30	12 53	0 43	12 7	1 43	17 44	1 31	2 0	0 36	12 34	1 54	4 27	10 52	16 25	16 51	18 48		n.a.
F 7	7 4	6 56	2 49	8 20	1 9	1 52	0 27	13 6	0 43	12 9	1 43	17 42	1 31	2 1	0 36	12 33	1 54	4 27	10 52	16 23	16 50	18 49		n.a.
S 8	6 41	10 49	1 51	7 24	1 0	2 24	0 25	13 20	0 44	12 12	1 43	17 40	1 31	2 2	0 36	12 33	1 54	4 28	10 52	16 21	16 49	18 49		n.a.
S 9	6 18	14 11	0 49	6 27	0 52	2 56	0 22	13 34	0 44	12 15	1 43	17 38	1 31	2 4	0 36	12 33	1 54	4 28	10 52	16 21	16 49	18 50		n.a.
M10	5 55	16 55	0s15	5 29	0 42	3 27	0 20	13 48	0 45	12 17	1 43	17 36	1 31	2 5	0 36	12 32	1 54	4 29	10 51	16 20	16 48	18 51		n.a.
T 11	5 32	18 55	1 18	4 30	0 32	3 59	0 17	14 1	0 45	12 20	1 43	17 34	1 32	2 6	0 36	12 32	1 54	4 29	10 51	16 21	16 47	18 51		n.a.
W12	5 9	20 5	2 17	3 31	0 22	4 30	0 14	14 15	0 46	12 23	1 43	17 32	1 32	2 8	0 36	12 32	1 54	4 30	10 51	16 21	16 46	18 52		n.a.
T 13	4 46	20 21	3 11	2 31	0 12	5 1	0 12	14 28	0 46	12 25	1 43	17 30	1 32	2 9	0 36	12 32	1 54	4 30	10 51	16 21	16 45	18 53		n.a.
F 14	4 23	19 42	3 57	1 31	0 1	5 33	0 9	14 41	0 47	12 28	1 42	17 28	1 32	2 10	0 36	12 31	1 54	4 31	10 50	16 20	16 44	18 53		n.a.
S 15	4 0	18 7	4 33	0 30	0n10	6 4	0 6	14 54	0 47	12 30	1 42	17 26	1 32	2 12	0 36	12 31	1 54	4 31	10 50	16 19	16 43	18 54		n.a.
S 16	3 36	15 38	4 57	0n30	0 21	6 35	0 3	15 7	0 47	12 33	1 42	17 24	1 32	2 13	0 36	12 30	1 54	4 32	10 50	16 18	16 42	18 55		n.a.
M17	3 13	12 20	5 7	1 29	0 33	7 5	0 1	15 20	0 48	12 35	1 42	17 22	1 32	2 14	0 36	12 30	1 54	4 32	10 50	16 16	16 41	18 55		n.a.
T 18	2 50	8 19	5 0	2 28	0 44	7 36	0n 2	15 33	0 48	12 38	1 42	17 20	1 32	2 16	0 36	12 30	1 54	4 33	10 50	16 13	16 40	18 56		n.a.
W19	2 26	3 45	4 36	3 26	0 55	8 7	0 5	15 46	0 49	12 40	1 42	17 18	1 33	2 17	0 36	12 29	1 54	4 33	10 49	16 11	16 39	18 56		n.a.
T 20	2 3	1s 6	3 56	4 23	1 6	8 37	0 8	15 58	0 49	12 42	1 42	17 16	1 33	2 18	0 36	12 29	1 54	4 34	10 49	16 8	16 38	18 57		n.a.
F 21	1 39	6 0	2 59	5 18	1 17	9 7	0 11	16 11	0 50	12 44	1 42	17 15	1 33	2 20	0 36	12 29	1 54	4 34	10 49	16 6	16 37	18 58		n.a.
S 22	1 16	10 36	1 50	6 12	1 28	9 37	0 14	16 23	0 50	12 47	1 42	17 13	1 33	2 21	0 36	12 28	1 54	4 35	10 49	16 5	16 36	18 58		n.a.
S 23	0 53	14 36	0 34	7 4	1 38	10 7	0 16	16 35	0 50	12 49	1 42	17 11	1 33	2 22	0 36	12 28	1 55	4 35	10 49	16 5	16 35	18 59		n.a.
M24	0 29	17 41	0n44	7 54	1 47	10 36	0 19	16 48	0 51	12 51	1 41	17 9	1 33	2 24	0 36	12 27	1 55	4 36	10 48	16 5	16 35	19 0		n.a.
T 25	0 6	19 37	1 59	8 41	1 57	11 5	0 22	17 0	0 51	12 53	1 41	17 7	1 34	2 25	0 36	12 27	1 55	4 36	10 48	16 5	16 34	19 0		n.a.
W26	0n18	20 17	3 6	9 27	2 5	11 34	0 25	17 11	0 52	12 55	1 41	17 6	1 34	2 27	0 36	12 27	1 55	4 37	10 48	16 5	16 33	19 1		n.a.
T 27	0 41	19 39	4 1	10 10	2 13	12 3	0 28	17 23	0 52	12 57	1 41	17 4	1 34	2 28	0 36	12 26	1 55	4 37	10 48	16 6	16 32	19 1		n.a.
F 28	1 5	17 50	4 41	10 51	2 21	12 31	0 31	17 35	0 52	12 59	1 41	17 2	1 34	2 29	0 36	12 26	1 55	4 38	10 48	16 5	16 31	19 2		n.a.
S 29	1 28	15 3	5 4	11 29	2 27	12 59	0 34	17 46	0 53	13 1	1 41	17 0	1 34	2 31	0 36	12 25	1 55	4 38	10 47	16 4	16 30	19 3		n.a.
S 30	1 51	11 30	5 10	12 4	2 33	13 27	0 37	17 58	0 53	13 2	1 41	16 59	1 34	2 32	0 36	12 25	1 55	4 39	10 47	16 3	16 29	19 3		n.a.
M31	2n15	7s27	5n 0	12n37	2n38	13n54	0n39	18n 9	0n53	13n 4	1n40	16s57	1s35	2n34	0s36	12s24	1n55	4n39	10s47	16s 1	16s28	19n 4		n.a.

Julian Day Number = 1599854.5, Delta T = 03h59m51s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°40'02, Lahiri = - 8°33'02 Julian Calendar 1 March 333 BCE == Greg. Calendar 25 Feb. 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

APRIL 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 19 25	6♈32'52	11♓33	27♈13	6♉ 2	18♉16	0°R12	18♒39	7♈48	7°R34	9♉42	13°R11	14♏43	0♊ 1	n.a.	T 1
W 2	12 23 21	7°30'54	24°21	28°20	7°14	18°54	0♍ 7	18°44	7°52	7♏33	9°43	13♏ 5	14°40	0° 7	n.a.	W 2
T 3	12 27 18	8°28'54	6♈54	29°22	8°26	19°32	0° 2	18°50	7°55	7°31	9°45	13° 0	14°36	0°14	n.a.	T 3
F 4	12 31 14	9°26'52	19°15	0♉20	9°39	20°10	29♌58	18°56	7°59	7°30	9°46	12°56	14°33	0°21	n.a.	F 4
S 5	12 35 11	10°24'49	1♉24	1°12	10°51	20°48	29°53	19° 1	8° 2	7°29	9°47	12°54	14°30	0°27	n.a.	S 5
S 6	12 39 7	11°22'43	13°23	2° 0	12° 3	21°26	29°49	19° 7	8° 5	7°27	9°48	12°D53	14°27	0°34	n.a.	S 6
M 7	12 43 4	12°20'37	25°15	2°44	13°14	22° 4	29°45	19°12	8° 9	7°26	9°49	12°54	14°24	0°41	n.a.	M 7
T 8	12 47 1	13°18'28	7♊ 3	3°22	14°26	22°42	29°41	19°18	8°12	7°25	9°51	12°55	14°20	0°47	n.a.	T 8
W 9	12 50 57	14°16'18	18°51	3°55	15°38	23°21	29°37	19°23	8°16	7°23	9°52	12°57	14°17	0°54	n.a.	W 9
T 10	12 54 54	15°14'05	0♋44	4°23	16°50	23°59	29°33	19°28	8°19	7°22	9°53	12°58	14°14	1° 1	n.a.	T 10
F 11	12 58 50	16°11'51	12°46	4°46	18° 2	24°37	29°30	19°34	8°23	7°20	9°55	12°R59	14°11	1° 7	n.a.	F 11
S 12	13 2 47	17° 9'36	25° 3	5° 4	19°13	25°15	29°26	19°39	8°26	7°19	9°56	12°59	14° 8	1°14	n.a.	S 12
S 13	13 6 43	18° 7'18	7♌39	5°17	20°25	25°53	29°23	19°44	8°29	7°17	9°57	12°58	14° 5	1°20	n.a.	S 13
M14	13 10 40	19° 4'59	20°37	5°25	21°36	26°31	29°20	19°49	8°33	7°16	9°58	12°55	14° 1	1°27	n.a.	M14
T 15	13 14 36	20° 2'38	4♍ 1	5°R28	22°48	27° 9	29°17	19°54	8°36	7°14	10° 0	12°52	13°58	1°34	n.a.	T 15
W16	13 18 33	21° 0'15	17°51	5°27	23°59	27°47	29°15	19°59	8°40	7°13	10° 1	12°49	13°55	1°40	n.a.	W16
T 17	13 22 29	21°57'51	2♎ 5	5°20	25°10	28°25	29°12	20° 3	8°43	7°11	10° 2	12°47	13°52	1°47	n.a.	T 17
F 18	13 26 26	22°55'25	16°39	5° 9	26°22	29° 3	29°10	20° 8	8°46	7° 9	10° 4	12°44	13°49	1°54	n.a.	F 18
S 19	13 30 23	23°52'58	1♏28	4°54	27°33	29°41	29° 8	20°13	8°50	7° 8	10° 5	12°43	13°46	2° 0	n.a.	S 19
S 20	13 34 19	24°50'30	16°23	4°35	28°44	0♊19	29° 6	20°17	8°53	7° 6	10° 6	12°D43	13°42	2° 7	n.a.	S 20
M21	13 38 16	25°48'00	1♐17	4°13	29°55	0°56	29° 4	20°22	8°56	7° 5	10° 8	12°44	13°39	2°14	n.a.	M21
T 22	13 42 12	26°45'30	16° 3	3°47	1♊ 6	1°34	29° 3	20°26	9° 0	7° 3	10° 9	12°45	13°36	2°20	n.a.	T 22
W23	13 46 9	27°42'59	0♑35	3°19	2°17	2°12	29° 1	20°30	9° 3	7° 2	10°10	12°46	13°33	2°27	n.a.	W23
T 24	13 50 5	28°40'26	14°49	2°48	3°28	2°50	29° 0	20°35	9° 6	7° 0	10°12	12°47	13°30	2°34	n.a.	T 24
F 25	13 54 2	29°37'53	28°44	2°16	4°38	3°28	28°59	20°39	9°10	6°58	10°13	12°R47	13°26	2°40	n.a.	F 25
S 26	13 57 59	0♉35'19	12♒18	1°42	5°49	4° 6	28°58	20°43	9°13	6°57	10°14	12°47	13°23	2°47	n.a.	S 26
S 27	14 1 55	1°32'44	25°34	1° 8	7° 0	4°44	28°57	20°47	9°16	6°55	10°16	12°46	13°20	2°54	n.a.	S 27
M28	14 5 52	2°30'08	8♓31	0°35	8°10	5°22	28°57	20°51	9°19	6°54	10°17	12°45	13°17	3° 0	n.a.	M28
T 29	14 9 48	3°27'32	21°13	0° 1	9°21	6° 0	28°57	20°55	9°23	6°52	10°18	12°43	13°14	3° 7	n.a.	T 29
W30	14 13 45	4♉24'54	3♈42	29♈30	10♊31	6♊38	28°D56	20♒58	9♈26	6♏50	10♉20	12♏42	13♏11	3♊14	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2n38	3s 6	4n34	13n 7	2n42	14n22	0n42	18n20	0n54	13n 6	1n40	16s55	1s35	2n35	0s36	12s24	1n55	4n40	10s47	15s59	16s27	19n 4			n.a.
W 2	3 1	1n18	3 54	13 35	2 45	14 48	0 45	18 31	0 54	13 7	1 40	16 54	1 35	2 36	0 36	12 23	1 55	4 40	10 47	15 57	16 26	19 5			n.a.
T 3	3 24	5 35	3 4	14 0	2 48	15 15	0 48	18 42	0 54	13 9	1 40	16 52	1 35	2 38	0 36	12 23	1 55	4 41	10 47	15 56	16 25	19 6			n.a.
F 4	3 47	9 34	2 6	14 22	2 49	15 41	0 51	18 53	0 55	13 11	1 40	16 50	1 35	2 39	0 36	12 22	1 55	4 41	10 46	15 55	16 24	19 6			n.a.
S 5	4 10	13 5	1 3	14 41	2 50	16 7	0 54	19 4	0 55	13 12	1 39	16 49	1 35	2 40	0 36	12 22	1 55	4 42	10 46	15 54	16 23	19 7			n.a.
S 6	4 33	16 0	0s 3	14 57	2 49	16 32	0 56	19 14	0 55	13 13	1 39	16 47	1 36	2 42	0 36	12 22	1 55	4 42	10 46	15 54	16 22	19 7			n.a.
M 7	4 56	18 13	1 7	15 11	2 47	16 57	0 59	19 25	0 56	13 15	1 39	16 46	1 36	2 43	0 36	12 21	1 55	4 43	10 46	15 54	16 21	19 8			n.a.
T 8	5 19	19 38	2 9	15 22	2 44	17 21	1 2	19 35	0 56	13 16	1 39	16 44	1 36	2 45	0 36	12 21	1 55	4 43	10 46	15 54	16 20	19 8			n.a.
W 9	5 42	20 11	3 5	15 29	2 41	17 45	1 5	19 45	0 56	13 17	1 39	16 43	1 36	2 46	0 36	12 20	1 55	4 44	10 46	15 55	16 19	19 9			n.a.
T 10	6 4	19 51	3 53	15 35	2 36	18 9	1 7	19 55	0 57	13 18	1 38	16 41	1 36	2 47	0 36	12 20	1 55	4 45	10 46	15 55	16 18	19 9			n.a.
F 11	6 27	18 36	4 32	15 37	2 30	18 32	1 10	20 5	0 57	13 19	1 38	16 40	1 37	2 49	0 36	12 19	1 55	4 45	10 45	15 56	16 17	19 10			n.a.
S 12	6 49	16 28	5 0	15 36	2 23	18 55	1 13	20 14	0 57	13 20	1 38	16 38	1 37	2 50	0 36	12 19	1 55	4 46	10 45	15 56	16 16	19 10			n.a.
S 13	7 11	13 32	5 14	15 33	2 14	19 17	1 15	20 24	0 58	13 21	1 38	16 37	1 37	2 51	0 36	12 18	1 55	4 46	10 45	15 55	16 16	19 11			n.a.
M14	7 34	9 52	5 12	15 27	2 5	19 38	1 18	20 33	0 58	13 22	1 38	16 35	1 37	2 53	0 36	12 18	1 55	4 47	10 45	15 55	16 15	19 12			n.a.
T 15	7 56	5 36	4 54	15 18	1 55	20 0	1 20	20 42	0 58	13 23	1 37	16 34	1 37	2 54	0 36	12 17	1 55	4 47	10 45	15 54	16 14	19 12			n.a.
W16	8 18	0 54	4 18	15 7	1 43	20 20	1 23	20 51	0 59	13 23	1 37	16 33	1 38	2 55	0 36	12 16	1 55	4 48	10 45	15 53	16 13	19 13			n.a.
T 17	8 39	3s59	3 26	14 53	1 31	20 40	1 25	21 0	0 59	13 24	1 37	16 31	1 38	2 57	0 36	12 16	1 55	4 48	10 45	15 52	16 12	19 13			n.a.
F 18	9 1	8 46	2 19	14 37	1 17	21 0	1 28	21 9	0 59	13 25	1 37	16 30	1 38	2 58	0 36	12 15	1 55	4 49	10 45	15 51	16 11	19 14			n.a.
S 19	9 23	13 5	1 2	14 18	1 3	21 19	1 30	21 18	0 59	13 25	1 36	16 29	1 38	2 59	0 36	12 15	1 55	4 49	10 45	15 51	16 10	19 14			n.a.
S 20	9 44	16 37	0n20	13 58	0 48	21 38	1 33	21 26	1 0	13 26	1 36	16 27	1 38	3 1	0 36	12 14	1 55	4 50	10 44	15 51	16 9	19 15			n.a.
M21	10 5	19 1	1 41	13 35	0 32	21 55	1 35	21 35	1 0	13 26	1 36	16 26	1 39	3 2	0 36	12 14	1 55	4 50	10 44	15 51	16 8	19 15			n.a.
T 22	10 26	20 6	2 54	13 11	0 16	22 13	1 37	21 43	1 0	13 26	1 36	16 25	1 39	3 3	0 36	12 13	1 55	4 51	10 44	15 51	16 7	19 16			n.a.
W23	10 47	19 49	3 55	12 46	0s 1	22 30	1 39	21 51	1 0	13 27	1 36	16 24	1 39	3 5	0 36	12 13	1 55	4 51	10 44	15 52	16 6	19 16			n.a.
T 24	11 8	18 16	4 40	12 19	0 18	22 46	1 41	21 59	1 1	13 27	1 35	16 22	1 39	3 6	0 36	12 12	1 55	4 52	10 44	15 52	16 5	19 17			n.a.
F 25	11 29	15 39	5 8	11 52	0 35	23 1	1 43	22 6	1 1	13 27	1 35	16 21	1 39	3 7	0 36	12 12	1 55	4 52	10 44	15 52	16 4	19 17			n.a.
S 26	11 49	12 15	5 17	11 24	0 52	23 16	1 46	22 14	1 1	13 27	1 35	16 20	1 40	3 9	0 36	12 11	1 55	4 53	10 44	15 52	16 3	19 18			n.a.
S 27	12 9	8 19	5 9	10 56	1 9	23 31	1 47	22 21	1 1	13 27	1 35	16 19	1 40	3 10	0 36	12 11	1 55	4 53	10 44	15 52	16 2	19 18			n.a.
M28	12 29	4 4	4 46	10 29	1 26	23 44	1 49	22 28	1 2	13 27	1 34	16 18	1 40	3 11	0 36	12 10	1 55	4 54	10 44	15 51	16 1	19 19			n.a.
T 29	12 49	0n17	4 8	10 2	1 42	23 57	1 51	22 35	1 2	13 27	1 34	16 17	1 40	3 13	0 36	12 10	1 55	4 54	10 44	15 51	16 0	19 19			n.a.
W30	13n 9	4n32	3n20	9n36	1s58	24n10	1n53	22n42	1n 2	13n27	1n34	16s16	1s41	3n14	0s36	12s 9	1n55	4n54	10s44	15s50	15s59	19n19			n.a.

Julian Day Number = 1599885.5, Delta T = 03h59m50s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'58, Lahiri = - 8°32'58 Julian Calendar 1 Apr. 333 BCE == Greg. Calendar 27 March 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

MAY 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 17 41	5♉22'16	15♈58	28°R59	11♊41	7♊16	28♌56	21♒ 2	9♈29	6°R49	10♉21	12°R41	13♏ 7	3♊20	n.a.	T 1
F 2	14 21 38	6°19'37	28° 5	28♈31	12°51	7°54	28°57	21° 6	9°32	6♏47	10°23	12♏41	13° 4	3°27	n.a.	F 2
S 3	14 25 34	7°16'57	10♉ 3	28° 6	14° 2	8°32	28°57	21° 9	9°35	6°46	10°24	12°D41	13° 1	3°34	n.a.	S 3
S 4	14 29 31	8°14'16	21°56	27°44	15°12	9° 9	28°58	21°13	9°39	6°44	10°25	12°41	12°58	3°40	n.a.	S 4
M 5	14 33 27	9°11'34	3♊45	27°25	16°22	9°47	28°59	21°16	9°42	6°42	10°27	12°41	12°55	3°47	n.a.	M 5
T 6	14 37 24	10° 8'52	15°32	27°10	17°32	10°25	28°59	21°19	9°45	6°41	10°28	12°41	12°51	3°54	n.a.	T 6
W 7	14 41 21	11° 6'08	27°21	27° 0	18°41	11° 3	29° 1	21°22	9°48	6°39	10°30	12°41	12°48	4° 0	n.a.	W 7
T 8	14 45 17	12° 3'24	9♋16	26°53	19°51	11°41	29° 2	21°25	9°51	6°37	10°31	12°42	12°45	4° 7	n.a.	T 8
F 9	14 49 14	13° 0'38	21°19	26°D50	21° 1	12°19	29° 3	21°28	9°54	6°36	10°32	12°R42	12°42	4°13	n.a.	F 9
S 10	14 53 10	13°57'52	3♌35	26°52	22°10	12°57	29° 5	21°31	9°57	6°34	10°34	12°42	12°39	4°20	n.a.	S 10
S 11	14 57 7	14°55'04	16° 8	26°59	23°20	13°35	29° 7	21°34	10° 0	6°33	10°35	12°D42	12°36	4°27	n.a.	S 11
M12	15 1 3	15°52'16	29° 3	27°10	24°29	14°12	29° 9	21°37	10° 3	6°31	10°36	12°42	12°32	4°33	n.a.	M12
T 13	15 5 0	16°49'26	12♍21	27°26	25°38	14°50	29°11	21°39	10° 6	6°29	10°38	12°42	12°29	4°40	n.a.	T 13
W14	15 8 57	17°46'36	26° 6	27°46	26°47	15°28	29°13	21°42	10° 9	6°28	10°39	12°42	12°26	4°47	n.a.	W14
T 15	15 12 53	18°43'45	10♎17	28°11	27°57	16° 6	29°16	21°44	10°11	6°26	10°41	12°43	12°23	4°53	n.a.	T 15
F 16	15 16 50	19°40'54	24°53	28°40	29° 5	16°44	29°19	21°47	10°14	6°25	10°42	12°43	12°20	5° 0	n.a.	F 16
S 17	15 20 46	20°38'01	9♏48	29°13	0♋14	17°22	29°22	21°49	10°17	6°23	10°43	12°R43	12°17	5° 7	n.a.	S 17
S 18	15 24 43	21°35'09	24°56	29°51	1°23	17°59	29°25	21°51	10°20	6°22	10°45	12°43	12°13	5°13	n.a.	S 18
M19	15 28 39	22°32'16	10♐ 6	0♉33	2°32	18°37	29°28	21°53	10°23	6°20	10°46	12°43	12°10	5°20	n.a.	M19
T 20	15 32 36	23°29'23	25°11	1°19	3°40	19°15	29°31	21°55	10°25	6°19	10°47	12°42	12° 7	5°27	n.a.	T 20
W21	15 36 32	24°26'29	10♑ 1	2°10	4°48	19°53	29°35	21°57	10°28	6°17	10°49	12°40	12° 4	5°33	n.a.	W21
T 22	15 40 29	25°23'36	24°30	3° 4	5°57	20°31	29°39	21°59	10°31	6°15	10°50	12°39	12° 1	5°40	n.a.	T 22
F 23	15 44 26	26°20'42	8♒34	4° 3	7° 5	21° 9	29°42	22° 0	10°33	6°14	10°51	12°38	11°57	5°47	n.a.	F 23
S 24	15 48 22	27°17'48	22°12	5° 5	8°13	21°47	29°46	22° 2	10°36	6°12	10°53	12°D38	11°54	5°53	n.a.	S 24
S 25	15 52 19	28°14'55	5♓25	6°11	9°21	22°24	29°51	22° 3	10°39	6°11	10°54	12°38	11°51	6° 0	n.a.	S 25
M26	15 56 15	29°12'02	18°16	7°21	10°29	23° 2	29°55	22° 4	10°41	6°10	10°55	12°38	11°48	6° 7	n.a.	M26
T 27	16 0 12	0♊ 9'08	0♈48	8°35	11°36	23°40	29°59	22° 6	10°44	6° 8	10°57	12°39	11°45	6°13	n.a.	T 27
W28	16 4 8	1° 6'15	13° 5	9°53	12°44	24°18	0♍ 4	22° 7	10°46	6° 7	10°58	12°41	11°42	6°20	n.a.	W28
T 29	16 8 5	2° 3'22	25° 9	11°14	13°51	24°56	0° 9	22° 8	10°49	6° 5	10°59	12°42	11°38	6°27	n.a.	T 29
F 30	16 12 1	3° 0'29	7♉ 6	12°38	14°58	25°34	0°14	22° 9	10°51	6° 4	11° 1	12°R43	11°35	6°33	n.a.	F 30
S 31	16 15 58	3♊57'36	18♉57	14♉ 7	16♋ 5	26♊11	0♍19	22♒10	10♈53	6♏ 2	11♉ 2	12♏43	11♏32	6♊40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n28	8n33	2n23	9n11	2s13	24n21	1n55	22n49	1n 2	13n27	1n34	16s15	1s41	3n15	0s36	12s 9	1n55	4n55	10s44	15s50	15s58	19n20			n.a.
F 2	13 48	12 10	1 20	8 48	2 27	24 33	1 56	22 55	1 3	13 26	1 33	16 14	1 41	3 16	0 36	12 8	1 55	4 55	10 44	15 50	15 57	19 20			n.a.
S 3	14 7	15 14	0 15	8 27	2 40	24 43	1 58	23 2	1 3	13 26	1 33	16 13	1 41	3 18	0 36	12 8	1 55	4 56	10 43	15 50	15 56	19 21			n.a.
S 4	14 25	17 39	0s51	8 7	2 52	24 53	1 59	23 8	1 3	13 25	1 33	16 12	1 41	3 19	0 36	12 7	1 55	4 56	10 43	15 50	15 55	19 21			n.a.
M 5	14 44	19 17	1 54	7 51	3 3	25 2	2 1	23 14	1 3	13 25	1 33	16 11	1 42	3 20	0 36	12 6	1 55	4 57	10 43	15 50	15 54	19 22			n.a.
T 6	15 2	20 5	2 53	7 36	3 13	25 10	2 2	23 20	1 3	13 24	1 32	16 11	1 42	3 21	0 36	12 6	1 55	4 57	10 43	15 50	15 53	19 22			n.a.
W 7	15 21	19 59	3 44	7 24	3 21	25 18	2 3	23 26	1 4	13 24	1 32	16 10	1 42	3 22	0 36	12 5	1 55	4 58	10 43	15 50	15 52	19 23			n.a.
T 8	15 38	19 0	4 25	7 14	3 29	25 25	2 5	23 31	1 4	13 23	1 32	16 9	1 42	3 24	0 36	12 5	1 55	4 58	10 43	15 50	15 51	19 23			n.a.
F 9	15 56	17 9	4 56	7 8	3 35	25 31	2 6	23 36	1 4	13 22	1 32	16 8	1 43	3 25	0 36	12 4	1 55	4 59	10 43	15 50	15 50	19 23			n.a.
S 10	16 13	14 30	5 14	7 4	3 40	25 36	2 7	23 42	1 4	13 21	1 31	16 7	1 43	3 26	0 36	12 4	1 55	4 59	10 43	15 50	15 49	19 24			n.a.
S 11	16 31	11 9	5 17	7 2	3 44	25 41	2 8	23 47	1 4	13 20	1 31	16 7	1 43	3 27	0 36	12 3	1 55	4 59	10 43	15 50	15 48	19 24			n.a.
M12	16 47	7 11	5 5	7 4	3 47	25 45	2 9	23 51	1 5	13 20	1 31	16 6	1 43	3 28	0 36	12 3	1 55	5 0	10 43	15 50	15 47	19 25			n.a.
T 13	17 4	2 45	4 36	7 8	3 49	25 49	2 9	23 56	1 5	13 19	1 30	16 5	1 44	3 29	0 36	12 2	1 55	5 0	10 43	15 50	15 46	19 25			n.a.
W14	17 20	1s58	3 51	7 14	3 50	25 52	2 10	24 0	1 5	13 17	1 30	16 5	1 44	3 31	0 36	12 2	1 55	5 1	10 43	15 50	15 45	19 26			n.a.
T 15	17 36	6 44	2 51	7 23	3 49	25 54	2 11	24 5	1 5	13 16	1 30	16 4	1 44	3 32	0 36	12 1	1 55	5 1	10 43	15 51	15 45	19 26			n.a.
F 16	17 52	11 16	1 38	7 35	3 48	25 55	2 11	24 9	1 5	13 15	1 30	16 4	1 44	3 33	0 36	12 1	1 55	5 2	10 43	15 51	15 44	19 26			n.a.
S 17	18 8	15 11	0 16	7 49	3 46	25 55	2 11	24 13	1 6	13 14	1 29	16 3	1 45	3 34	0 36	12 0	1 55	5 2	10 43	15 51	15 43	19 27			n.a.
S 18	18 23	18 9	1n 7	8 5	3 43	25 55	2 12	24 16	1 6	13 13	1 29	16 3	1 45	3 35	0 36	12 0	1 55	5 2	10 43	15 51	15 42	19 27			n.a.
M19	18 38	19 50	2 26	8 24	3 39	25 54	2 12	24 20	1 6	13 11	1 29	16 2	1 45	3 36	0 36	11 59	1 55	5 3	10 43	15 51	15 41	19 28			n.a.
T 20	18 52	20 4	3 34	8 44	3 34	25 53	2 12	24 23	1 6	13 10	1 29	16 2	1 45	3 37	0 36	11 59	1 55	5 3	10 43	15 50	15 40	19 28			n.a.
W21	19 7	18 55	4 27	9 7	3 28	25 51	2 12	24 27	1 6	13 8	1 28	16 2	1 46	3 38	0 36	11 58	1 55	5 4	10 43	15 50	15 39	19 28			n.a.
T 22	19 21	16 33	5 1	9 32	3 22	25 48	2 12	24 30	1 6	13 7	1 28	16 1	1 46	3 39	0 36	11 58	1 55	5 4	10 43	15 50	15 38	19 29			n.a.
F 23	19 34	13 15	5 16	9 58	3 15	25 44	2 12	24 32	1 7	13 5	1 28	16 1	1 46	3 40	0 36	11 57	1 55	5 4	10 43	15 49	15 37	19 29			n.a.
S 24	19 48	9 21	5 13	10 26	3 7	25 40	2 11	24 35	1 7	13 3	1 28	16 1	1 46	3 41	0 36	11 57	1 55	5 5	10 43	15 49	15 36	19 29			n.a.
S 25	20 1	5 7	4 52	10 56	2 59	25 35	2 11	24 37	1 7	13 2	1 28	16 0	1 47	3 42	0 36	11 56	1 55	5 5	10 43	15 49	15 35	19 30			n.a.
M26	20 14	0 45	4 18	11 27	2 50	25 29	2 10	24 40	1 7	13 0	1 27	16 0	1 47	3 43	0 36	11 56	1 55	5 6	10 43	15 49	15 34	19 30			n.a.
T 27	20 26	3n33	3 32	12 0	2 41	25 23	2 10	24 42	1 7	12 58	1 27	16 0	1 47	3 44	0 36	11 56	1 55	5 6	10 43	15 50	15 33	19 30			n.a.
W28	20 38	7 38	2 37	12 34	2 31	25 15	2 9	24 44	1 7	12 56	1 27	16 0	1 47	3 45	0 36	11 55	1 55	5 6	10 43	15 50	15 32	19 31			n.a.
T 29	20 50	11 20	1 36	13 9	2 21	25 8	2 8	24 45	1 7	12 54	1 27	16 0	1 48	3 46	0 36	11 55	1 55	5 7	10 43	15 50	15 31	19 31			n.a.
F 30	21 1	14 32	0 31	13 46	2 10	24 59	2 7	24 47	1 7	12 52	1 26	16 0	1 48	3 47	0 36	11 54	1 55	5 7	10 43	15 51	15 30	19 32			n.a.
S 31	21n12	17n 7	0s34	14n23	1s59	24n50	2n 6	24n48	1n 8	12n50	1n26	16s 0	1s48	3n48	0s37	11s54	1n55	5n 7	10s43	15s51	15s29	19n32			n.a.

Julian Day Number = 1599915.5, Delta T = 03h59m49s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'54, Lahiri = - 8°32'54 Julian Calendar 1 May 333 BCE == Greg. Calendar 26 Apr. 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

JUNE 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 55	4♊54'44	0♊45	15♉38	17♋12	26♊49	0♍24	22♒10	10♈56	6°R 1	11♉ 3	12°R42	11♏29	6♊47	n.a.	S 1
M 2	16 23 51	5°51'51	12°32	17°14	18°19	27°27	0°30	22°11	10°58	6♏ 0	11° 4	12♏40	11°26	6°53	n.a.	M 2
T 3	16 27 48	6°48'59	24°22	18°52	19°26	28° 5	0°35	22°12	11° 0	5°58	11° 6	12°36	11°23	7° 0	n.a.	T 3
W 4	16 31 44	7°46'07	6♋15	20°34	20°32	28°43	0°41	22°12	11° 3	5°57	11° 7	12°32	11°19	7° 7	n.a.	W 4
T 5	16 35 41	8°43'14	18°15	22°20	21°39	29°21	0°47	22°12	11° 5	5°56	11° 8	12°28	11°16	7°13	n.a.	T 5
F 6	16 39 37	9°40'22	0♌23	24° 8	22°45	29°59	0°53	22°13	11° 7	5°54	11° 9	12°24	11°13	7°20	n.a.	F 6
S 7	16 43 34	10°37'30	12°42	25°59	23°51	0♋36	0°59	22°13	11° 9	5°53	11°11	12°21	11°10	7°27	n.a.	S 7
S 8	16 47 30	11°34'37	25°16	27°53	24°57	1°14	1° 5	22°R13	11°11	5°52	11°12	12°18	11° 7	7°33	n.a.	S 8
M 9	16 51 27	12°31'45	8♍ 8	29°50	26° 3	1°52	1°12	22°13	11°13	5°51	11°13	12°D17	11° 3	7°40	n.a.	M 9
T 10	16 55 24	13°28'53	21°21	1♊49	27° 8	2°30	1°18	22°13	11°15	5°50	11°14	12°17	11° 0	7°47	n.a.	T 10
W11	16 59 20	14°26'01	4♎57	3°50	28°13	3° 8	1°25	22°12	11°17	5°48	11°16	12°18	10°57	7°53	n.a.	W11
T 12	17 3 17	15°23'08	18°58	5°53	29°18	3°46	1°32	22°12	11°19	5°47	11°17	12°20	10°54	8° 0	n.a.	T 12
F 13	17 7 13	16°20'17	3♏24	7°58	0♌23	4°24	1°39	22°11	11°21	5°46	11°18	12°21	10°51	8° 7	n.a.	F 13
S 14	17 11 10	17°17'25	18°12	10° 4	1°28	5° 2	1°46	22°11	11°23	5°45	11°19	12°R21	10°48	8°13	n.a.	S 14
S 15	17 15 6	18°14'34	3♐16	12°11	2°33	5°40	1°53	22°10	11°25	5°44	11°20	12°20	10°44	8°20	n.a.	S 15
M16	17 19 3	19°11'43	18°29	14°18	3°37	6°17	2° 1	22° 9	11°26	5°43	11°21	12°17	10°41	8°27	n.a.	M16
T 17	17 23 0	20° 8'53	3♑40	16°26	4°41	6°55	2° 8	22° 9	11°28	5°42	11°22	12°12	10°38	8°33	n.a.	T 17
W18	17 26 56	21° 6'04	18°41	18°34	5°45	7°33	2°16	22° 8	11°30	5°41	11°24	12° 7	10°35	8°40	n.a.	W18
T 19	17 30 53	22° 3'15	3♒21	20°42	6°48	8°11	2°23	22° 6	11°31	5°40	11°25	12° 1	10°32	8°47	n.a.	T 19
F 20	17 34 49	23° 0'27	17°35	22°50	7°52	8°49	2°31	22° 5	11°33	5°39	11°26	11°56	10°29	8°53	n.a.	F 20
S 21	17 38 46	23°57'40	1♓20	24°57	8°55	9°27	2°39	22° 4	11°35	5°38	11°27	11°52	10°25	9° 0	n.a.	S 21
S 22	17 42 42	24°54'54	14°37	27° 3	9°58	10° 5	2°47	22° 3	11°36	5°37	11°28	11°50	10°22	9° 7	n.a.	S 22
M23	17 46 39	25°52'09	27°28	29° 8	11° 0	10°43	2°55	22° 1	11°38	5°36	11°29	11°D49	10°19	9°13	n.a.	M23
T 24	17 50 35	26°49'25	9♈58	1♋12	12° 3	11°21	3° 4	22° 0	11°39	5°35	11°30	11°50	10°16	9°20	n.a.	T 24
W25	17 54 32	27°46'42	22° 9	3°14	13° 5	11°59	3°12	21°58	11°40	5°34	11°31	11°52	10°13	9°26	n.a.	W25
T 26	17 58 29	28°44'01	4♉ 8	5°15	14° 7	12°37	3°21	21°56	11°42	5°33	11°32	11°53	10° 9	9°33	n.a.	T 26
F 27	18 2 25	29°41'20	16° 0	7°15	15° 8	13°15	3°29	21°54	11°43	5°33	11°33	11°R53	10° 6	9°40	n.a.	F 27
S 28	18 6 22	0♋38'41	27°47	9°14	16° 9	13°53	3°38	21°52	11°44	5°32	11°34	11°51	10° 3	9°46	n.a.	S 28
S 29	18 10 18	1°36'02	9♊34	11°11	17°10	14°31	3°47	21°50	11°45	5°31	11°35	11°48	10° 0	9°53	n.a.	S 29
M30	18 14 15	2♋33'25	21♊24	13♋ 6	18♌11	15♋ 9	3♍56	21♒48	11♈46	5♏30	11♉36	11♏42	9♏57	10♊ 0	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n23	18n58	1s38	15n 1	1s48	24n41	2n 5	24n49	1n 8	12n48	1n26	16s 0	1s48	3n49	0s37	11s53	1n55	5n 8	10s43	15s50	15s28	19n32		n.a.
M 2	21 33	19 59	2 37	15 39	1 36	24 30	2 4	24 50	1 8	12 46	1 26	16 0	1 49	3 50	0 37	11 53	1 55	5 8	10 44	15 50	15 27	19 33		n.a.
T 3	21 43	20 7	3 30	16 18	1 24	24 19	2 2	24 51	1 8	12 44	1 25	16 0	1 49	3 51	0 37	11 53	1 55	5 8	10 44	15 49	15 26	19 33		n.a.
W 4	21 52	19 22	4 13	16 57	1 12	24 8	2 1	24 52	1 8	12 41	1 25	16 0	1 49	3 52	0 37	11 52	1 55	5 9	10 44	15 47	15 25	19 33		n.a.
T 5	22 2	17 45	4 46	17 37	1 0	23 56	1 59	24 52	1 8	12 39	1 25	16 0	1 49	3 53	0 37	11 52	1 55	5 9	10 44	15 46	15 24	19 33		n.a.
F 6	22 10	15 19	5 7	18 16	0 48	23 43	1 57	24 52	1 8	12 37	1 25	16 0	1 50	3 53	0 37	11 51	1 54	5 9	10 44	15 45	15 23	19 34		n.a.
S 7	22 19	12 11	5 13	18 54	0 36	23 30	1 55	24 52	1 8	12 34	1 24	16 0	1 50	3 54	0 37	11 51	1 54	5 10	10 44	15 44	15 22	19 34		n.a.
S 8	22 27	8 28	5 6	19 33	0 24	23 16	1 53	24 52	1 8	12 32	1 24	16 1	1 50	3 55	0 37	11 51	1 54	5 10	10 44	15 43	15 21	19 34		n.a.
M 9	22 35	4 16	4 42	20 10	0 12	23 1	1 51	24 52	1 9	12 29	1 24	16 1	1 50	3 56	0 37	11 50	1 54	5 10	10 44	15 43	15 20	19 35		n.a.
T 10	22 42	0s15	4 4	20 46	0 1	22 46	1 49	24 51	1 9	12 27	1 24	16 1	1 51	3 57	0 37	11 50	1 54	5 10	10 44	15 43	15 19	19 35		n.a.
W11	22 49	4 54	3 11	21 21	0n11	22 31	1 47	24 50	1 9	12 24	1 24	16 2	1 51	3 57	0 37	11 49	1 54	5 11	10 44	15 43	15 18	19 35		n.a.
T 12	22 55	9 26	2 5	21 54	0 21	22 15	1 44	24 50	1 9	12 21	1 23	16 2	1 51	3 58	0 37	11 49	1 54	5 11	10 44	15 44	15 17	19 36		n.a.
F 13	23 1	13 34	0 49	22 26	0 32	21 58	1 41	24 48	1 9	12 19	1 23	16 2	1 51	3 59	0 37	11 49	1 54	5 11	10 44	15 44	15 16	19 36		n.a.
S 14	23 7	16 57	0n32	22 55	0 42	21 41	1 39	24 47	1 9	12 16	1 23	16 3	1 52	4 0	0 37	11 48	1 54	5 11	10 44	15 44	15 15	19 36		n.a.
S 15	23 12	19 14	1 52	23 22	0 51	21 23	1 36	24 46	1 9	12 13	1 23	16 3	1 52	4 0	0 37	11 48	1 54	5 12	10 45	15 44	15 14	19 36		n.a.
M16	23 17	20 10	3 4	23 47	1 0	21 5	1 33	24 44	1 9	12 10	1 23	16 4	1 52	4 1	0 37	11 48	1 54	5 12	10 45	15 43	15 13	19 37		n.a.
T 17	23 22	19 37	4 4	24 10	1 8	20 47	1 30	24 42	1 9	12 7	1 22	16 4	1 52	4 2	0 37	11 48	1 54	5 12	10 45	15 41	15 12	19 37		n.a.
W18	23 26	17 42	4 45	24 29	1 15	20 28	1 26	24 40	1 9	12 4	1 22	16 5	1 53	4 2	0 37	11 47	1 54	5 12	10 45	15 39	15 11	19 37		n.a.
T 19	23 30	14 40	5 7	24 46	1 22	20 8	1 23	24 38	1 9	12 1	1 22	16 5	1 53	4 3	0 37	11 47	1 54	5 13	10 45	15 38	15 10	19 38		n.a.
F 20	23 33	10 51	5 9	25 0	1 28	19 48	1 19	24 35	1 9	11 58	1 22	16 6	1 53	4 3	0 37	11 47	1 54	5 13	10 45	15 36	15 9	19 38		n.a.
S 21	23 36	6 34	4 53	25 11	1 33	19 28	1 16	24 33	1 9	11 55	1 21	16 7	1 53	4 4	0 37	11 46	1 54	5 13	10 45	15 35	15 8	19 38		n.a.
S 22	23 38	2 7	4 21	25 20	1 38	19 7	1 12	24 30	1 10	11 52	1 21	16 7	1 54	4 5	0 37	11 46	1 54	5 13	10 45	15 34	15 7	19 38		n.a.
M23	23 40	2n18	3 37	25 25	1 42	18 46	1 8	24 27	1 10	11 49	1 21	16 8	1 54	4 5	0 37	11 46	1 54	5 13	10 45	15 34	15 6	19 39		n.a.
T 24	23 42	6 30	2 44	25 28	1 45	18 25	1 4	24 24	1 10	11 46	1 21	16 9	1 54	4 6	0 37	11 46	1 54	5 14	10 46	15 34	15 5	19 39		n.a.
W25	23 43	10 21	1 45	25 29	1 47	18 3	1 0	24 21	1 10	11 42	1 21	16 10	1 54	4 6	0 37	11 45	1 54	5 14	10 46	15 35	15 4	19 39		n.a.
T 26	23 44	13 43	0 42	25 26	1 49	17 41	0 55	24 17	1 10	11 39	1 21	16 10	1 55	4 7	0 37	11 45	1 53	5 14	10 46	15 35	15 3	19 39		n.a.
F 27	23 44	16 28	0s22	25 21	1 50	17 18	0 51	24 13	1 10	11 36	1 20	16 11	1 55	4 7	0 37	11 45	1 53	5 14	10 46	15 35	15 2	19 39		n.a.
S 28	23 44	18 32	1 25	25 14	1 50	16 55	0 46	24 9	1 10	11 32	1 20	16 12	1 55	4 8	0 37	11 45	1 53	5 14	10 46	15 35	15 1	19 40		n.a.
S 29	23 43	19 47	2 24	25 5	1 50	16 32	0 42	24 5	1 10	11 29	1 20	16 13	1 55	4 8	0 37	11 45	1 53	5 14	10 46	15 34	15 0	19 40		n.a.
M30	23n42	20n11	3s16	24n53	1n49	16n 9	0n37	24n 1	1n10	11n25	1n20	16s14	1s56	4n 8	0s37	11s44	1n53	5n15	10s46	15s32	14s59	19n40		n.a.

Julian Day Number = 1599946.5, Delta T = 03h59m48s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'50, Lahiri = - 8°32'49 Julian Calendar 1 June 333 BCE == Greg. Calendar 27 May 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

JULY 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 18 11	3♋30'49	3♋19	14♋59	19♌11	15♋47	4♍ 5	21°R46	11♈48	5°R30	11♉37	11°R34	9♏54	10♊ 6	n.a.	T 1
W 2	18 22 8	4°28'14	15°20	16°52	20°11	16°25	4°14	21♒44	11°49	5♏29	11°38	11♏25	9°50	10°13	n.a.	W 2
T 3	18 26 4	5°25'40	27°30	18°42	21°11	17° 3	4°24	21°41	11°50	5°28	11°39	11°15	9°47	10°20	n.a.	T 3
F 4	18 30 1	6°23'07	9♌48	20°31	22°10	17°41	4°33	21°39	11°50	5°28	11°39	11° 5	9°44	10°26	n.a.	F 4
S 5	18 33 58	7°20'35	22°18	22°18	23° 9	18°19	4°43	21°36	11°51	5°27	11°40	10°57	9°41	10°33	n.a.	S 5
S 6	18 37 54	8°18'03	4♍59	24° 4	24° 8	18°57	4°52	21°34	11°52	5°27	11°41	10°50	9°38	10°40	n.a.	S 6
M 7	18 41 51	9°15'33	17°55	25°48	25° 6	19°35	5° 2	21°31	11°53	5°26	11°42	10°46	9°35	10°46	n.a.	M 7
T 8	18 45 47	10°13'04	1♎ 6	27°31	26° 3	20°13	5°12	21°28	11°54	5°26	11°43	10°44	9°31	10°53	n.a.	T 8
W 9	18 49 44	11°10'35	14°37	29°12	27° 1	20°51	5°22	21°25	11°54	5°25	11°44	10°D43	9°28	11° 0	n.a.	W 9
T 10	18 53 40	12° 8'08	28°27	0♌51	27°58	21°30	5°32	21°22	11°55	5°25	11°44	10°44	9°25	11° 6	n.a.	T 10
F 11	18 57 37	13° 5'42	12♏39	2°29	28°54	22° 8	5°42	21°19	11°56	5°25	11°45	10°R44	9°22	11°13	n.a.	F 11
S 12	19 1 33	14° 3'16	27°11	4° 6	29°50	22°46	5°52	21°16	11°56	5°24	11°46	10°43	9°19	11°20	n.a.	S 12
S 13	19 5 30	15° 0'52	12♐ 0	5°41	0♍45	23°24	6° 2	21°13	11°57	5°24	11°47	10°40	9°15	11°26	n.a.	S 13
M14	19 9 27	15°58'29	27° 0	7°14	1°40	24° 2	6°12	21° 9	11°57	5°24	11°47	10°34	9°12	11°33	n.a.	M14
T 15	19 13 23	16°56'08	12♑ 3	8°46	2°35	24°40	6°23	21° 6	11°58	5°23	11°48	10°26	9° 9	11°40	n.a.	T 15
W16	19 17 20	17°53'48	26°59	10°16	3°29	25°18	6°33	21° 3	11°58	5°23	11°49	10°17	9° 6	11°47	n.a.	W16
T 17	19 21 16	18°51'29	11♒40	11°45	4°22	25°57	6°44	20°59	11°58	5°23	11°49	10° 7	9° 3	11°53	n.a.	T 17
F 18	19 25 13	19°49'12	25°57	13°12	5°15	26°35	6°55	20°55	11°59	5°23	11°50	9°57	9° 0	12° 0	n.a.	F 18
S 19	19 29 9	20°46'56	9♓46	14°37	6° 7	27°13	7° 5	20°52	11°59	5°23	11°50	9°49	8°56	12° 7	n.a.	S 19
S 20	19 33 6	21°44'43	23° 7	16° 1	6°58	27°51	7°16	20°48	11°59	5°23	11°51	9°44	8°53	12°13	n.a.	S 20
M21	19 37 2	22°42'31	6♈ 1	17°24	7°49	28°30	7°27	20°44	11°59	5°23	11°52	9°41	8°50	12°20	n.a.	M21
T 22	19 40 59	23°40'20	18°32	18°44	8°39	29° 8	7°38	20°40	11°59	5°22	11°52	9°40	8°47	12°27	n.a.	T 22
W23	19 44 56	24°38'12	0♉44	20° 3	9°29	29°46	7°49	20°37	11°R59	5°D22	11°53	9°D40	8°44	12°33	n.a.	W23
T 24	19 48 52	25°36'06	12°42	21°21	10°18	0♌24	8° 0	20°33	11°59	5°23	11°53	9°R40	8°41	12°40	n.a.	T 24
F 25	19 52 49	26°34'02	24°33	22°36	11° 6	1° 3	8°11	20°29	11°59	5°23	11°54	9°39	8°37	12°47	n.a.	F 25
S 26	19 56 45	27°31'59	6♊20	23°50	11°53	1°41	8°23	20°24	11°59	5°23	11°54	9°36	8°34	12°53	n.a.	S 26
S 27	20 0 42	28°29'59	18° 9	25° 1	12°40	2°19	8°34	20°20	11°59	5°23	11°55	9°31	8°31	13° 0	n.a.	S 27
M28	20 4 38	29°28'00	0♋ 3	26°11	13°25	2°58	8°45	20°16	11°58	5°23	11°55	9°23	8°28	13° 7	n.a.	M28
T 29	20 8 35	0♌26'03	12° 5	27°18	14°10	3°36	8°57	20°12	11°58	5°23	11°55	9°12	8°25	13°13	n.a.	T 29
W30	20 12 31	1°24'09	24°18	28°24	14°54	4°15	9° 8	20° 8	11°58	5°23	11°56	8°59	8°21	13°20	n.a.	W30
T 31	20 16 28	2♌22'15	6♌41	29♌27	15♍37	4♌53	9♍20	20♒ 3	11♈57	5♏24	11♉56	8♏46	8♏18	13♊27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n41	19n41	4s 1	24n39	1n47	15n45	0n32	23n57	1n10	11n22	1n20	16s15	1s56	4n 9	0s37	11s44	1n53	5n15	10s46	15s29	14s58	19n40			n.a.
W 2	23 39	18 17	4 35	24 24	1 45	15 21	0 27	23 52	1 10	11 18	1 19	16 16	1 56	4 9	0 37	11 44	1 53	5 15	10 47	15 26	14 57	19 41			n.a.
T 3	23 37	16 4	4 57	24 6	1 43	14 57	0 21	23 47	1 10	11 15	1 19	16 17	1 56	4 10	0 37	11 44	1 53	5 15	10 47	15 23	14 56	19 41			n.a.
F 4	23 35	13 6	5 5	23 47	1 40	14 32	0 16	23 42	1 10	11 11	1 19	16 18	1 56	4 10	0 37	11 44	1 53	5 15	10 47	15 20	14 55	19 41			n.a.
S 5	23 32	9 32	5 0	23 27	1 36	14 8	0 10	23 37	1 10	11 7	1 19	16 19	1 57	4 10	0 37	11 44	1 53	5 15	10 47	15 18	14 53	19 41			n.a.
S 6	23 28	5 29	4 39	23 5	1 32	13 43	0 5	23 32	1 10	11 4	1 19	16 20	1 57	4 11	0 37	11 44	1 53	5 15	10 47	15 15	14 52	19 41			n.a.
M 7	23 24	1 6	4 4	22 41	1 28	13 18	0s 1	23 26	1 10	11 0	1 19	16 21	1 57	4 11	0 37	11 43	1 53	5 15	10 47	15 14	14 51	19 42			n.a.
T 8	23 20	3s26	3 15	22 16	1 23	12 53	0 7	23 21	1 10	10 56	1 18	16 22	1 57	4 11	0 37	11 43	1 53	5 16	10 48	15 13	14 50	19 42			n.a.
W 9	23 15	7 54	2 15	21 50	1 18	12 27	0 13	23 15	1 10	10 52	1 18	16 23	1 58	4 11	0 37	11 43	1 53	5 16	10 48	15 13	14 49	19 42			n.a.
T 10	23 10	12 4	1 5	21 23	1 12	12 2	0 19	23 9	1 10	10 48	1 18	16 25	1 58	4 12	0 37	11 43	1 53	5 16	10 48	15 14	14 48	19 42			n.a.
F 11	23 5	15 40	0n10	20 55	1 6	11 36	0 26	23 3	1 10	10 44	1 18	16 26	1 58	4 12	0 37	11 43	1 53	5 16	10 48	15 14	14 47	19 42			n.a.
S 12	22 59	18 22	1 27	20 26	1 0	11 10	0 32	22 56	1 10	10 41	1 18	16 27	1 58	4 12	0 38	11 43	1 53	5 16	10 48	15 13	14 46	19 42			n.a.
S 13	22 53	19 53	2 39	19 57	0 53	10 44	0 39	22 50	1 10	10 37	1 18	16 28	1 58	4 12	0 38	11 43	1 52	5 16	10 48	15 12	14 45	19 43			n.a.
M14	22 46	20 2	3 40	19 26	0 46	10 18	0 46	22 43	1 10	10 33	1 17	16 29	1 59	4 12	0 38	11 43	1 52	5 16	10 49	15 10	14 44	19 43			n.a.
T 15	22 39	18 45	4 27	18 55	0 39	9 52	0 53	22 36	1 10	10 29	1 17	16 31	1 59	4 13	0 38	11 43	1 52	5 16	10 49	15 8	14 43	19 43			n.a.
W16	22 31	16 12	4 55	18 24	0 32	9 26	1 0	22 29	1 10	10 24	1 17	16 32	1 59	4 13	0 38	11 43	1 52	5 16	10 49	15 5	14 42	19 43			n.a.
T 17	22 23	12 39	5 3	17 52	0 24	9 0	1 7	22 22	1 10	10 20	1 17	16 33	1 59	4 13	0 38	11 43	1 52	5 16	10 49	15 2	14 41	19 43			n.a.
F 18	22 15	8 28	4 51	17 19	0 16	8 33	1 14	22 15	1 10	10 16	1 17	16 35	1 59	4 13	0 38	11 43	1 52	5 16	10 49	14 59	14 40	19 43			n.a.
S 19	22 6	3 57	4 23	16 46	0 8	8 7	1 21	22 7	1 10	10 12	1 17	16 36	2 0	4 13	0 38	11 43	1 52	5 16	10 49	14 56	14 39	19 44			n.a.
S 20	21 57	0n37	3 41	16 13	0s 1	7 41	1 29	21 59	1 10	10 8	1 17	16 37	2 0	4 13	0 38	11 43	1 52	5 16	10 50	14 54	14 38	19 44			n.a.
M21	21 48	5 0	2 49	15 40	0 9	7 15	1 37	21 51	1 10	10 4	1 17	16 39	2 0	4 13	0 38	11 43	1 52	5 16	10 50	14 53	14 37	19 44			n.a.
T 22	21 38	9 2	1 50	15 6	0 18	6 49	1 45	21 43	1 10	9 59	1 16	16 40	2 0	4 13	0 38	11 43	1 52	5 16	10 50	14 53	14 36	19 44			n.a.
W23	21 28	12 36	0 47	14 33	0 27	6 23	1 53	21 35	1 10	9 55	1 16	16 42	2 0	4 13	0 38	11 43	1 52	5 16	10 50	14 53	14 35	19 44			n.a.
T 24	21 17	15 35	0s16	14 0	0 36	5 56	2 1	21 27	1 10	9 51	1 16	16 43	2 0	4 13	0 38	11 43	1 52	5 16	10 50	14 53	14 34	19 44			n.a.
F 25	21 6	17 52	1 18	13 26	0 45	5 31	2 9	21 18	1 10	9 46	1 16	16 45	2 1	4 13	0 38	11 43	1 52	5 16	10 50	14 53	14 33	19 44			n.a.
S 26	20 55	19 23	2 16	12 53	0 55	5 5	2 17	21 10	1 10	9 42	1 16	16 46	2 1	4 13	0 38	11 43	1 52	5 16	10 51	14 52	14 32	19 44			n.a.
S 27	20 43	20 4	3 9	12 20	1 4	4 39	2 26	21 1	1 10	9 38	1 16	16 48	2 1	4 13	0 38	11 44	1 52	5 16	10 51	14 50	14 31	19 45			n.a.
M28	20 31	19 51	3 53	11 47	1 14	4 14	2 34	20 52	1 10	9 33	1 16	16 49	2 1	4 13	0 38	11 44	1 51	5 16	10 51	14 48	14 30	19 45			n.a.
T 29	20 18	18 44	4 28	11 15	1 23	3 48	2 43	20 43	1 10	9 29	1 16	16 51	2 1	4 12	0 38	11 44	1 51	5 16	10 51	14 44	14 29	19 45			n.a.
W30	20 6	16 45	4 51	10 44	1 33	3 23	2 52	20 34	1 10	9 24	1 15	16 52	2 1	4 12	0 38	11 44	1 51	5 16	10 51	14 40	14 28	19 45			n.a.
T 31	19n52	14n 0	5s 0	10n12	1s43	2n58	3s 1	20n24	1n10	9n20	1n15	16s54	2s 2	4n12	0s38	11s44	1n51	5n16	10s52	14s36	14s27	19n45			n.a.

Julian Day Number = 1599976.5, Delta T = 03h59m47s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'46, Lahiri = - 8°32'45 Julian Calendar 1 July 333 BCE == Greg. Calendar 26 June 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

AUGUST 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 20 25	3♌20'24	19♌15	0♍27	16♍19	5♌31	9♍32	19°R59	11°R57	5♏24	11♉57	8°R33	8♏15	13♊33	n.a.	F 1
S 2	20 24 21	4°18'34	2♍ 1	1°25	17° 0	6°10	9°43	19♒55	11♈56	5°24	11°57	8♏21	8°12	13°40	n.a.	S 2
S 3	20 28 18	5°16'46	14°58	2°20	17°40	6°48	9°55	19°50	11°56	5°25	11°57	8°11	8° 9	13°47	n.a.	S 3
M 4	20 32 14	6°15'00	28° 6	3°12	18°19	7°27	10° 7	19°46	11°55	5°25	11°57	8° 5	8° 6	13°53	n.a.	M 4
T 5	20 36 11	7°13'15	11♎27	4° 1	18°57	8° 5	10°19	19°41	11°55	5°25	11°58	8° 1	8° 2	14° 0	n.a.	T 5
W 6	20 40 7	8°11'32	25° 0	4°47	19°33	8°44	10°31	19°37	11°54	5°26	11°58	7°59	7°59	14° 7	n.a.	W 6
T 7	20 44 4	9° 9'51	8♏47	5°29	20° 9	9°22	10°43	19°32	11°53	5°26	11°58	7°59	7°56	14°13	n.a.	T 7
F 8	20 48 0	10° 8'11	22°49	6° 7	20°43	10° 1	10°55	19°28	11°52	5°27	11°58	7°59	7°53	14°20	n.a.	F 8
S 9	20 51 57	11° 6'33	7♐ 5	6°42	21°15	10°40	11° 7	19°23	11°52	5°27	11°59	7°58	7°50	14°27	n.a.	S 9
S 10	20 55 54	12° 4'57	21°34	7°11	21°47	11°18	11°19	19°18	11°51	5°28	11°59	7°54	7°46	14°33	n.a.	S 10
M11	20 59 50	13° 3'22	6♑12	7°37	22°17	11°57	11°31	19°14	11°50	5°29	11°59	7°47	7°43	14°40	n.a.	M11
T 12	21 3 47	14° 1'50	20°53	7°57	22°45	12°35	11°44	19° 9	11°49	5°29	11°59	7°38	7°40	14°47	n.a.	T 12
W13	21 7 43	15° 0'19	5♒31	8°11	23°12	13°14	11°56	19° 5	11°48	5°30	11°59	7°27	7°37	14°53	n.a.	W13
T 14	21 11 40	15°58'50	19°57	8°20	23°37	13°53	12° 8	19° 0	11°47	5°31	11°59	7°15	7°34	15° 0	n.a.	T 14
F 15	21 15 36	16°57'22	4♓ 4	8°R23	24° 1	14°31	12°21	18°55	11°46	5°32	11°59	7° 4	7°31	15° 7	n.a.	F 15
S 16	21 19 33	17°55'57	17°49	8°20	24°22	15°10	12°33	18°51	11°45	5°32	11°59	6°55	7°27	15°13	n.a.	S 16
S 17	21 23 29	18°54'35	1♈ 9	8°10	24°42	15°49	12°45	18°46	11°43	5°33	11°R59	6°48	7°24	15°20	n.a.	S 17
M18	21 27 26	19°53'14	14° 3	7°53	25° 1	16°28	12°58	18°41	11°42	5°34	11°59	6°44	7°21	15°27	n.a.	M18
T 19	21 31 22	20°51'56	26°35	7°29	25°17	17° 6	13°10	18°37	11°41	5°35	11°59	6°42	7°18	15°33	n.a.	T 19
W20	21 35 19	21°50'40	8♉49	6°58	25°31	17°45	13°23	18°32	11°40	5°36	11°59	6°D42	7°15	15°40	n.a.	W20
T 21	21 39 16	22°49'26	20°48	6°20	25°43	18°24	13°36	18°27	11°38	5°37	11°59	6°R42	7°12	15°47	n.a.	T 21
F 22	21 43 12	23°48'15	2♊40	5°35	25°54	19° 3	13°48	18°23	11°37	5°38	11°59	6°42	7° 8	15°53	n.a.	F 22
S 23	21 47 9	24°47'07	14°29	4°44	26° 2	19°42	14° 1	18°18	11°35	5°39	11°59	6°40	7° 5	16° 0	n.a.	S 23
S 24	21 51 5	25°46'00	26°20	3°48	26° 7	20°21	14°14	18°13	11°34	5°40	11°59	6°36	7° 2	16° 7	n.a.	S 24
M25	21 55 2	26°44'56	8♋19	2°47	26°11	20°59	14°26	18° 9	11°32	5°41	11°58	6°29	6°59	16°13	n.a.	M25
T 26	21 58 58	27°43'55	20°27	1°42	26°R12	21°38	14°39	18° 4	11°31	5°42	11°58	6°20	6°56	16°20	n.a.	T 26
W27	22 2 55	28°42'55	2♌50	0°35	26°12	22°17	14°52	17°59	11°29	5°43	11°58	6° 9	6°52	16°27	n.a.	W27
T 28	22 6 51	29°41'58	15°26	29♌28	26° 8	22°56	15° 5	17°55	11°28	5°44	11°58	5°57	6°49	16°33	n.a.	T 28
F 29	22 10 48	0♍41'03	28°18	28°22	26° 3	23°35	15°18	17°50	11°26	5°45	11°58	5°45	6°46	16°40	n.a.	F 29
S 30	22 14 45	1°40'10	11♍24	27°18	25°55	24°14	15°31	17°46	11°24	5°46	11°57	5°35	6°43	16°47	n.a.	S 30
S 31	22 18 41	2♍39'19	24♍44	26♌20	25♍44	24♌53	15♍44	17♒41	11♈22	5♏48	11♉57	5♏26	6♏40	16♊53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19n39	10n34	4s55	9n42	1s52	2n33	3s10	20n15	1n10	9n15	1n15	16s55	2s 2	4n12	0s38	11s44	1n51	5n16	10s52	14s31	14s26	19n45		n.a.	F 1
S 2	19 25	6 36	4 35	9 12	2 2	2 9	3 19	20 5	1 9	9 10	1 15	16 57	2 2	4 12	0 38	11 44	1 51	5 15	10 52	14 28	14 25	19 45		n.a.	S 2
S 3	19 11	2 17	4 1	8 43	2 12	1 45	3 28	19 55	1 9	9 6	1 15	16 58	2 2	4 11	0 38	11 45	1 51	5 15	10 52	14 25	14 24	19 45		n.a.	S 3
M 4	18 56	2s12	3 14	8 16	2 21	1 21	3 38	19 45	1 9	9 1	1 15	17 0	2 2	4 11	0 38	11 45	1 51	5 15	10 52	14 22	14 23	19 45		n.a.	M 4
T 5	18 42	6 39	2 15	7 49	2 31	0 57	3 47	19 35	1 9	8 57	1 15	17 1	2 2	4 11	0 38	11 45	1 51	5 15	10 53	14 21	14 22	19 45		n.a.	T 5
W 6	18 26	10 51	1 8	7 24	2 40	0 34	3 57	19 25	1 9	8 52	1 15	17 3	2 2	4 11	0 38	11 45	1 51	5 15	10 53	14 21	14 21	19 45		n.a.	W 6
T 7	18 11	14 32	0n 4	7 0	2 49	0 11	4 6	19 14	1 9	8 47	1 15	17 4	2 2	4 10	0 38	11 45	1 51	5 15	10 53	14 21	14 20	19 45		n.a.	T 7
F 8	17 55	17 27	1 18	6 37	2 58	0s11	4 16	19 4	1 9	8 43	1 14	17 6	2 2	4 10	0 38	11 46	1 51	5 15	10 53	14 21	14 18	19 46		n.a.	F 8
S 9	17 39	19 20	2 27	6 16	3 7	0 33	4 26	18 53	1 9	8 38	1 14	17 8	2 3	4 10	0 38	11 46	1 51	5 15	10 53	14 20	14 17	19 46		n.a.	S 9
S 10	17 23	20 0	3 29	5 58	3 15	0 55	4 36	18 42	1 9	8 33	1 14	17 9	2 3	4 9	0 38	11 46	1 51	5 15	10 54	14 19	14 16	19 46		n.a.	S 10
M11	17 6	19 19	4 17	5 41	3 23	1 16	4 46	18 31	1 9	8 28	1 14	17 11	2 3	4 9	0 38	11 46	1 51	5 14	10 54	14 17	14 15	19 46		n.a.	M11
T 12	16 49	17 20	4 48	5 26	3 31	1 36	4 56	18 20	1 9	8 23	1 14	17 12	2 3	4 8	0 38	11 47	1 50	5 14	10 54	14 14	14 14	19 46		n.a.	T 12
W13	16 32	14 16	5 1	5 14	3 38	1 56	5 6	18 9	1 9	8 19	1 14	17 14	2 3	4 8	0 38	11 47	1 50	5 14	10 54	14 10	14 13	19 46		n.a.	W13
T 14	16 15	10 22	4 54	5 5	3 44	2 15	5 16	17 57	1 9	8 14	1 14	17 15	2 3	4 8	0 38	11 47	1 50	5 14	10 54	14 6	14 12	19 46		n.a.	T 14
F 15	15 57	5 58	4 28	4 59	3 49	2 34	5 26	17 46	1 8	8 9	1 14	17 17	2 3	4 7	0 38	11 48	1 50	5 14	10 55	14 3	14 11	19 46		n.a.	F 15
S 16	15 39	1 22	3 48	4 56	3 54	2 52	5 36	17 34	1 8	8 4	1 14	17 19	2 3	4 7	0 38	11 48	1 50	5 14	10 55	13 59	14 10	19 46		n.a.	S 16
S 17	15 20	3n 9	2 57	4 57	3 57	3 9	5 46	17 23	1 8	7 59	1 14	17 20	2 3	4 6	0 38	11 48	1 50	5 13	10 55	13 57	14 9	19 46		n.a.	S 17
M18	15 2	7 24	1 57	5 1	4 0	3 26	5 56	17 11	1 8	7 54	1 14	17 22	2 3	4 6	0 38	11 49	1 50	5 13	10 55	13 56	14 8	19 46		n.a.	M18
T 19	14 43	11 12	0 53	5 9	4 1	3 41	6 6	16 59	1 8	7 49	1 14	17 23	2 3	4 5	0 38	11 49	1 50	5 13	10 55	13 55	14 7	19 46		n.a.	T 19
W20	14 24	14 26	0s11	5 20	4 0	3 56	6 16	16 47	1 8	7 44	1 14	17 25	2 3	4 5	0 38	11 49	1 50	5 13	10 56	13 55	14 6	19 46		n.a.	W20
T 21	14 5	16 59	1 14	5 36	3 58	4 10	6 26	16 34	1 8	7 39	1 13	17 26	2 3	4 4	0 38	11 50	1 50	5 13	10 56	13 55	14 5	19 46		n.a.	T 21
F 22	13 45	18 46	2 13	5 56	3 55	4 23	6 35	16 22	1 8	7 34	1 13	17 28	2 4	4 3	0 39	11 50	1 50	5 12	10 56	13 55	14 4	19 46		n.a.	F 22
S 23	13 25	19 44	3 7	6 20	3 49	4 35	6 45	16 10	1 8	7 29	1 13	17 29	2 4	4 3	0 39	11 50	1 50	5 12	10 56	13 54	14 3	19 46		n.a.	S 23
S 24	13 5	19 49	3 52	6 48	3 41	4 46	6 54	15 57	1 7	7 24	1 13	17 31	2 4	4 2	0 39	11 51	1 50	5 12	10 56	13 53	14 2	19 46		n.a.	S 24
M25	12 45	19 1	4 27	7 19	3 32	4 56	7 4	15 44	1 7	7 19	1 13	17 32	2 4	4 2	0 39	11 51	1 50	5 12	10 56	13 51	14 1	19 46		n.a.	M25
T 26	12 25	17 21	4 51	7 53	3 20	5 5	7 13	15 31	1 7	7 14	1 13	17 34	2 4	4 1	0 39	11 52	1 50	5 11	10 57	13 48	14 0	19 46		n.a.	T 26
W27	12 4	14 52	5 2	8 30	3 7	5 12	7 21	15 18	1 7	7 9	1 13	17 35	2 4	4 0	0 39	11 52	1 50	5 11	10 57	13 44	13 59	19 46		n.a.	W27
T 28	11 43	11 39	4 58	9 8	2 51	5 19	7 30	15 5	1 7	7 4	1 13	17 37	2 4	4 0	0 39	11 53	1 49	5 11	10 57	13 40	13 58	19 46		n.a.	T 28
F 29	11 22	7 50	4 40	9 46	2 35	5 24	7 38	14 52	1 7	6 59	1 13	17 38	2 4	3 59	0 39	11 53	1 49	5 11	10 57	13 36	13 56	19 46		n.a.	F 29
S 30	11 1	3 35	4 6	10 25	2 16	5 28	7 46	14 39	1 7	6 54	1 13	17 39	2 4	3 58	0 39	11 53	1 49	5 10	10 57	13 33	13 55	19 46		n.a.	S 30
S 31	10n39	0s55	3s19	11n 3	1s57	5s30	7s53	14n26	1n 7	6n49	1n13	17s41	2s 4	3n58	0s39	11s54	1n49	5n10	10s58	13s30	13s54	19n46		n.a.	S 31

Julian Day Number = 1600007.5, Delta T = 03h59m46s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'42, Lahiri = - 8°32'41 Julian Calendar 1 Aug. 333 BCE == Greg. Calendar 27 July 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

SEPTEMBER 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 22 38	3♍38'30	8♎14	25°R28	25°R31	25♌32	15♍57	17°R37	11°R21	5♏49	11°R57	5°R21	6♏37	17♊ 0	n.a.	M 1
T 2	22 26 34	4°37'44	21°54	24♌44	25♍16	26°12	16°10	17♒33	11♈19	5°50	11♉56	5♏18	6°33	17° 7	n.a.	T 2
W 3	22 30 31	5°36'59	5♏42	24° 8	24°59	26°51	16°23	17°28	11°17	5°51	11°56	5°D17	6°30	17°14	n.a.	W 3
T 4	22 34 27	6°36'16	19°37	23°43	24°39	27°30	16°36	17°24	11°15	5°53	11°56	5°18	6°27	17°20	n.a.	T 4
F 5	22 38 24	7°35'35	3♐39	23°28	24°17	28° 9	16°49	17°20	11°13	5°54	11°55	5°R18	6°24	17°27	n.a.	F 5
S 6	22 42 20	8°34'56	17°47	23°D23	23°53	28°48	17° 2	17°16	11°11	5°56	11°55	5°18	6°21	17°34	n.a.	S 6
S 7	22 46 17	9°34'19	2♑ 0	23°29	23°27	29°27	17°15	17°11	11° 9	5°57	11°54	5°16	6°18	17°40	n.a.	S 7
M 8	22 50 13	10°33'43	16°16	23°46	22°58	0♍ 7	17°28	17° 7	11° 7	5°58	11°54	5°11	6°14	17°47	n.a.	M 8
T 9	22 54 10	11°33'10	0♒31	24°13	22°29	0°46	17°41	17° 3	11° 5	6° 0	11°53	5° 5	6°11	17°54	n.a.	T 9
W10	22 58 7	12°32'38	14°41	24°49	21°57	1°25	17°54	16°59	11° 3	6° 1	11°53	4°57	6° 8	18° 0	n.a.	W10
T 11	23 2 3	13°32'08	28°42	25°34	21°24	2° 4	18° 7	16°55	11° 1	6° 3	11°52	4°48	6° 5	18° 7	n.a.	T 11
F 12	23 6 0	14°31'41	12♓28	26°27	20°50	2°44	18°20	16°52	10°59	6° 5	11°52	4°40	6° 2	18°14	n.a.	F 12
S 13	23 9 56	15°31'15	25°57	27°28	20°15	3°23	18°33	16°48	10°57	6° 6	11°51	4°33	5°58	18°20	n.a.	S 13
S 14	23 13 53	16°30'52	9♈ 6	28°35	19°39	4° 2	18°46	16°44	10°54	6° 8	11°51	4°27	5°55	18°27	n.a.	S 14
M15	23 17 49	17°30'30	21°55	29°48	19° 3	4°42	18°59	16°40	10°52	6° 9	11°50	4°25	5°52	18°34	n.a.	M15
T 16	23 21 46	18°30'12	4♉24	1♍ 6	18°26	5°21	19°13	16°37	10°50	6°11	11°49	4°D24	5°49	18°40	n.a.	T 16
W17	23 25 42	19°29'55	16°37	2°29	17°50	6° 1	19°26	16°33	10°48	6°13	11°49	4°24	5°46	18°47	n.a.	W17
T 18	23 29 39	20°29'41	28°38	3°55	17°13	6°40	19°39	16°30	10°45	6°14	11°48	4°26	5°43	18°54	n.a.	T 18
F 19	23 33 36	21°29'29	10♊31	5°24	16°38	7°20	19°52	16°26	10°43	6°16	11°48	4°27	5°39	19° 0	n.a.	F 19
S 20	23 37 32	22°29'20	22°20	6°56	16° 2	7°59	20° 5	16°23	10°41	6°18	11°47	4°R28	5°36	19° 7	n.a.	S 20
S 21	23 41 29	23°29'12	4♋13	8°29	15°28	8°39	20°18	16°20	10°39	6°20	11°46	4°27	5°33	19°14	n.a.	S 21
M22	23 45 25	24°29'08	16°12	10° 5	14°55	9°18	20°31	16°17	10°36	6°21	11°45	4°25	5°30	19°20	n.a.	M22
T 23	23 49 22	25°29'05	28°24	11°42	14°23	9°58	20°44	16°13	10°34	6°23	11°45	4°21	5°27	19°27	n.a.	T 23
W24	23 53 18	26°29'05	10♌51	13°20	13°53	10°38	20°58	16°10	10°31	6°25	11°44	4°15	5°23	19°34	n.a.	W24
T 25	23 57 15	27°29'07	23°36	14°59	13°25	11°17	21°11	16° 8	10°29	6°27	11°43	4° 9	5°20	19°40	n.a.	T 25
F 26	0 1 11	28°29'11	6♍41	16°38	12°58	11°57	21°24	16° 5	10°27	6°29	11°42	4° 2	5°17	19°47	n.a.	F 26
S 27	0 5 8	29°29'17	20° 6	18°18	12°34	12°37	21°37	16° 2	10°24	6°31	11°42	3°57	5°14	19°54	n.a.	S 27
S 28	0 9 4	0♎29'25	3♎47	19°58	12°11	13°16	21°50	15°59	10°22	6°32	11°41	3°52	5°11	20° 1	n.a.	S 28
M29	0 13 1	1°29'35	17°43	21°38	11°51	13°56	22° 3	15°57	10°19	6°34	11°40	3°50	5° 8	20° 7	n.a.	M29
T 30	0 16 58	2♎29'47	1♏50	23♍18	11♍33	14♍36	22♍16	15♒54	10♈17	6♏36	11♉39	3°D49	5♏ 4	20♊14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n18	5s26	2s19	11n40	1s37	5s31	8s 0	14n12	1n 6	6n44	1n13	17s42	2s 4	3n57	0s39	11s54	1n49	5n10	10s58	13s28	13s53	19n46		n.a.
T 2	9 56	9 44	1 11	12 14	1 17	5 31	8 6	13 59	1 6	6 39	1 13	17 44	2 4	3 56	0 39	11 55	1 49	5 10	10 58	13 27	13 52	19 46		n.a.
W 3	9 34	13 33	0n 2	12 44	0 57	5 29	8 12	13 45	1 6	6 33	1 13	17 45	2 4	3 55	0 39	11 55	1 49	5 9	10 58	13 27	13 51	19 46		n.a.
T 4	9 12	16 38	1 16	13 11	0 38	5 26	8 17	13 31	1 6	6 28	1 13	17 46	2 4	3 55	0 39	11 56	1 49	5 9	10 58	13 27	13 50	19 46		n.a.
F 5	8 50	18 45	2 26	13 34	0 19	5 21	8 21	13 17	1 6	6 23	1 13	17 47	2 4	3 54	0 39	11 56	1 49	5 9	10 59	13 27	13 49	19 46		n.a.
S 6	8 27	19 43	3 27	13 53	0 0	5 15	8 25	13 3	1 6	6 18	1 13	17 49	2 4	3 53	0 39	11 57	1 49	5 8	10 59	13 27	13 48	19 46		n.a.
S 7	8 5	19 27	4 16	14 7	0n17	5 8	8 28	12 49	1 5	6 13	1 13	17 50	2 4	3 52	0 39	11 57	1 49	5 8	10 59	13 26	13 47	19 46		n.a.
M 8	7 42	17 56	4 50	14 16	0 33	4 58	8 30	12 35	1 5	6 8	1 13	17 51	2 4	3 51	0 39	11 58	1 49	5 8	10 59	13 25	13 46	19 46		n.a.
T 9	7 19	15 19	5 5	14 21	0 47	4 48	8 32	12 21	1 5	6 2	1 13	17 53	2 4	3 51	0 39	11 58	1 49	5 8	10 59	13 22	13 45	19 46		n.a.
W10	6 56	11 49	5 2	14 21	1 0	4 36	8 32	12 7	1 5	5 57	1 13	17 54	2 4	3 50	0 39	11 59	1 49	5 7	10 59	13 20	13 44	19 46		n.a.
T 11	6 33	7 42	4 40	14 17	1 12	4 23	8 32	11 52	1 5	5 52	1 13	17 55	2 4	3 49	0 39	12 0	1 49	5 7	11 0	13 17	13 43	19 45		n.a.
F 12	6 10	3 14	4 3	14 8	1 22	4 8	8 31	11 38	1 5	5 47	1 13	17 56	2 4	3 48	0 39	12 0	1 49	5 7	11 0	13 14	13 42	19 45		n.a.
S 13	5 47	1n18	3 12	13 56	1 31	3 52	8 28	11 23	1 4	5 42	1 13	17 57	2 3	3 47	0 39	12 1	1 49	5 6	11 0	13 12	13 41	19 45		n.a.
S 14	5 23	5 40	2 12	13 39	1 39	3 35	8 25	11 9	1 4	5 36	1 13	17 58	2 3	3 46	0 39	12 1	1 49	5 6	11 0	13 10	13 39	19 45		n.a.
M15	5 0	9 40	1 7	13 19	1 45	3 17	8 21	10 54	1 4	5 31	1 13	17 59	2 3	3 46	0 39	12 2	1 48	5 6	11 0	13 9	13 38	19 45		n.a.
T 16	4 36	13 9	0s 0	12 56	1 51	2 58	8 16	10 39	1 4	5 26	1 13	18 0	2 3	3 45	0 39	12 2	1 48	5 5	11 0	13 9	13 37	19 45		n.a.
W17	4 12	15 58	1 6	12 30	1 55	2 39	8 10	10 24	1 4	5 21	1 13	18 1	2 3	3 44	0 39	12 3	1 48	5 5	11 1	13 9	13 36	19 45		n.a.
T 18	3 49	18 2	2 8	12 1	1 58	2 18	8 3	10 9	1 3	5 16	1 13	18 2	2 3	3 43	0 39	12 4	1 48	5 5	11 1	13 9	13 35	19 45		n.a.
F 19	3 25	19 16	3 3	11 30	2 0	1 57	7 56	9 54	1 3	5 10	1 13	18 3	2 3	3 42	0 39	12 4	1 48	5 4	11 1	13 10	13 34	19 45		n.a.
S 20	3 1	19 40	3 51	10 56	2 1	1 36	7 47	9 39	1 3	5 5	1 13	18 4	2 3	3 41	0 39	12 5	1 48	5 4	11 1	13 10	13 33	19 45		n.a.
S 21	2 37	19 11	4 29	10 21	2 1	1 14	7 38	9 24	1 3	5 0	1 13	18 5	2 3	3 40	0 39	12 6	1 48	5 4	11 1	13 10	13 32	19 45		n.a.
M22	2 13	17 51	4 55	9 44	2 0	0 52	7 28	9 8	1 3	4 55	1 13	18 6	2 3	3 39	0 39	12 6	1 48	5 3	11 1	13 9	13 31	19 45		n.a.
T 23	1 49	15 41	5 9	9 6	1 59	0 30	7 17	8 53	1 2	4 49	1 13	18 7	2 3	3 38	0 39	12 7	1 48	5 3	11 1	13 7	13 30	19 44		n.a.
W24	1 25	12 47	5 9	8 26	1 57	0 8	7 6	8 38	1 2	4 44	1 13	18 8	2 3	3 37	0 39	12 7	1 48	5 3	11 2	13 6	13 29	19 44		n.a.
T 25	1 1	9 12	4 53	7 45	1 55	0n14	6 54	8 22	1 2	4 39	1 13	18 9	2 3	3 36	0 39	12 8	1 48	5 2	11 2	13 3	13 28	19 44		n.a.
F 26	0 37	5 7	4 22	7 3	1 52	0 36	6 41	8 7	1 2	4 34	1 13	18 9	2 3	3 35	0 39	12 9	1 48	5 2	11 2	13 1	13 27	19 44		n.a.
S 27	0 12	0 40	3 36	6 21	1 49	0 57	6 28	7 51	1 1	4 29	1 13	18 10	2 2	3 34	0 39	12 9	1 48	5 2	11 2	12 59	13 26	19 44		n.a.
S 28	0s12	3s55	2 37	5 38	1 45	1 18	6 15	7 36	1 1	4 23	1 13	18 11	2 2	3 33	0 39	12 10	1 48	5 1	11 2	12 58	13 24	19 44		n.a.
M29	0 36	8 22	1 27	4 54	1 41	1 38	6 2	7 20	1 1	4 18	1 13	18 12	2 2	3 32	0 39	12 11	1 48	5 1	11 2	12 57	13 23	19 44		n.a.
T 30	1s 0	12s26	0s11	4n10	1n36	1n58	5s48	7n 4	1n 1	4n13	1n13	18s12	2s 2	3n31	0s39	12s11	1n48	5n 0	11s 2	12s56	13s22	19n44		n.a.

Julian Day Number = 1600038.5, Delta T = 03h59m45s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'37, Lahiri = - 8°32'37 Julian Calendar 1 Sept. 333 BCE == Greg. Calendar 27 Aug. 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

OCTOBER 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 20 54	3♎30'00	16♏ 4	24♍58	11°R18	15♍16	22♍29	15°R52	10°R14	6♏38	11°R38	3♏49	5♏ 1	20♊21	n.a.	W 1
T 2	0 24 51	4°30'16	0♐20	26°37	11♍ 5	15°56	22°42	15♒50	10♈12	6°40	11♉37	3°50	4°58	20°27	n.a.	T 2
F 3	0 28 47	5°30'33	14°36	28°17	10°54	16°35	22°55	15°47	10° 9	6°42	11°36	3°52	4°55	20°34	n.a.	F 3
S 4	0 32 44	6°30'52	28°49	29°56	10°46	17°15	23° 8	15°45	10° 7	6°44	11°36	3°53	4°52	20°41	n.a.	S 4
S 5	0 36 40	7°31'12	12♑58	1♎35	10°40	17°55	23°21	15°43	10° 5	6°46	11°35	3°R53	4°49	20°47	n.a.	S 5
M 6	0 40 37	8°31'34	26°59	3°14	10°37	18°35	23°34	15°41	10° 2	6°48	11°34	3°52	4°45	20°54	n.a.	M 6
T 7	0 44 33	9°31'57	10♒53	4°52	10°D36	19°15	23°47	15°40	10° 0	6°50	11°33	3°50	4°42	21° 1	n.a.	T 7
W 8	0 48 30	10°32'22	24°37	6°30	10°37	19°55	24° 0	15°38	9°57	6°52	11°32	3°46	4°39	21° 7	n.a.	W 8
T 9	0 52 27	11°32'48	8♓ 9	8° 8	10°41	20°35	24°13	15°36	9°55	6°54	11°31	3°43	4°36	21°14	n.a.	T 9
F 10	0 56 23	12°33'16	21°29	9°45	10°47	21°15	24°26	15°35	9°52	6°57	11°30	3°40	4°33	21°21	n.a.	F 10
S 11	1 0 20	13°33'45	4♈34	11°22	10°56	21°55	24°38	15°33	9°50	6°59	11°29	3°37	4°29	21°27	n.a.	S 11
S 12	1 4 16	14°34'16	17°25	12°59	11° 6	22°35	24°51	15°32	9°47	7° 1	11°28	3°35	4°26	21°34	n.a.	S 12
M13	1 8 13	15°34'49	0♉ 0	14°36	11°19	23°16	25° 4	15°31	9°45	7° 3	11°27	3°D34	4°23	21°41	n.a.	M13
T 14	1 12 9	16°35'23	12°22	16°12	11°35	23°56	25°17	15°30	9°42	7° 5	11°26	3°35	4°20	21°47	n.a.	T 14
W15	1 16 6	17°36'00	24°31	17°47	11°52	24°36	25°29	15°29	9°40	7° 7	11°25	3°36	4°17	21°54	n.a.	W15
T 16	1 20 2	18°36'38	6♊30	19°23	12°11	25°16	25°42	15°28	9°37	7° 9	11°24	3°37	4°14	22° 1	n.a.	T 16
F 17	1 23 59	19°37'18	18°22	20°58	12°32	25°56	25°54	15°27	9°35	7°11	11°23	3°38	4°10	22° 8	n.a.	F 17
S 18	1 27 56	20°37'59	0♋12	22°33	12°55	26°37	26° 7	15°26	9°32	7°14	11°22	3°39	4° 7	22°14	n.a.	S 18
S 19	1 31 52	21°38'43	12° 4	24° 8	13°20	27°17	26°20	15°26	9°30	7°16	11°20	3°40	4° 4	22°21	n.a.	S 19
M20	1 35 49	22°39'28	24° 2	25°42	13°47	27°57	26°32	15°25	9°28	7°18	11°19	3°R40	4° 1	22°28	n.a.	M20
T 21	1 39 45	23°40'14	6♌12	27°17	14°15	28°38	26°44	15°25	9°25	7°20	11°18	3°40	3°58	22°34	n.a.	T 21
W22	1 43 42	24°41'03	18°38	28°51	14°45	29°18	26°57	15°25	9°23	7°22	11°17	3°39	3°54	22°41	n.a.	W22
T 23	1 47 38	25°41'53	1♍23	0♏25	15°17	29°59	27° 9	15°25	9°20	7°25	11°16	3°38	3°51	22°48	n.a.	T 23
F 24	1 51 35	26°42'45	14°31	1°59	15°50	0♎39	27°22	15°D25	9°18	7°27	11°15	3°37	3°48	22°54	n.a.	F 24
S 25	1 55 31	27°43'38	28° 3	3°32	16°24	1°20	27°34	15°25	9°16	7°29	11°14	3°37	3°45	23° 1	n.a.	S 25
S 26	1 59 28	28°44'32	11♎59	5° 6	17° 0	2° 0	27°46	15°25	9°13	7°31	11°13	3°36	3°42	23° 8	n.a.	S 26
M27	2 3 24	29°45'28	26°15	6°39	17°37	2°41	27°58	15°25	9°11	7°34	11°12	3°36	3°39	23°14	n.a.	M27
T 28	2 7 21	0♏46'26	10♏48	8°13	18°16	3°21	28°10	15°26	9° 9	7°36	11°10	3°D36	3°35	23°21	n.a.	T 28
W29	2 11 18	1°47'24	25°30	9°46	18°56	4° 2	28°22	15°26	9° 7	7°38	11° 9	3°36	3°32	23°28	n.a.	W29
T 30	2 15 14	2°48'24	10♐15	11°19	19°37	4°43	28°34	15°27	9° 4	7°40	11° 8	3°36	3°29	23°35	n.a.	T 30
F 31	2 19 11	3♏49'24	24♐56	12♏52	20♍19	5♎23	28♍46	15♒28	9♈ 2	7♏43	11♉ 7	3°R36	3♏26	23♊41	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s24	15s47	1n 7	3n25	1n31	2n16	5s34	6n48	1n 0	4n 8	1n13	18s13	2s 2	3n30	0s39	12s12	1n48	5n 0	11s 2	12s57	13s21	19n43		n.a.
T 2	1 49	18 11	2 20	2 40	1 26	2 35	5 20	6 32	1 0	4 3	1 13	18 13	2 2	3 30	0 39	12 13	1 48	5 0	11 2	12 57	13 20	19 43		n.a.
F 3	2 13	19 26	3 25	1 55	1 21	2 52	5 6	6 16	1 0	3 57	1 13	18 14	2 2	3 29	0 39	12 13	1 48	4 59	11 3	12 58	13 19	19 43		n.a.
S 4	2 37	19 26	4 18	1 10	1 15	3 8	4 51	6 1	1 0	3 52	1 13	18 15	2 2	3 28	0 39	12 14	1 48	4 59	11 3	12 58	13 18	19 43		n.a.
S 5	3 1	18 13	4 54	0 25	1 9	3 24	4 37	5 45	0 59	3 47	1 13	18 15	2 2	3 27	0 39	12 15	1 48	4 59	11 3	12 58	13 17	19 43		n.a.
M 6	3 25	15 55	5 12	0s20	1 4	3 38	4 23	5 28	0 59	3 42	1 13	18 16	2 1	3 26	0 39	12 16	1 48	4 58	11 3	12 58	13 16	19 43		n.a.
T 7	3 49	12 43	5 12	1 5	0 57	3 51	4 8	5 12	0 59	3 37	1 13	18 16	2 1	3 25	0 39	12 16	1 48	4 58	11 3	12 57	13 15	19 42		n.a.
W 8	4 13	8 52	4 54	1 50	0 51	4 4	3 54	4 56	0 59	3 32	1 13	18 16	2 1	3 24	0 39	12 17	1 48	4 57	11 3	12 56	13 14	19 42		n.a.
T 9	4 37	4 36	4 20	2 35	0 45	4 15	3 40	4 40	0 58	3 27	1 13	18 17	2 1	3 23	0 39	12 18	1 48	4 57	11 3	12 55	13 13	19 42		n.a.
F 10	5 1	0 11	3 32	3 19	0 39	4 26	3 27	4 24	0 58	3 21	1 13	18 17	2 1	3 22	0 39	12 18	1 48	4 57	11 3	12 53	13 12	19 42		n.a.
S 11	5 25	4n11	2 33	4 4	0 32	4 35	3 13	4 8	0 58	3 16	1 13	18 17	2 1	3 21	0 39	12 19	1 47	4 56	11 3	12 53	13 10	19 42		n.a.
S 12	5 49	8 16	1 28	4 48	0 26	4 44	2 59	3 51	0 58	3 11	1 13	18 18	2 1	3 20	0 39	12 20	1 47	4 56	11 3	12 52	13 9	19 42		n.a.
M13	6 12	11 55	0 20	5 32	0 19	4 51	2 46	3 35	0 57	3 6	1 13	18 18	2 1	3 19	0 39	12 21	1 47	4 56	11 3	12 52	13 8	19 41		n.a.
T 14	6 36	14 58	0s48	6 15	0 13	4 57	2 33	3 19	0 57	3 1	1 13	18 18	2 0	3 18	0 39	12 21	1 47	4 55	11 4	12 52	13 7	19 41		n.a.
W15	6 59	17 18	1 53	6 58	0 6	5 2	2 20	3 2	0 57	2 56	1 13	18 18	2 0	3 17	0 39	12 22	1 47	4 55	11 4	12 52	13 6	19 41		n.a.
T 16	7 23	18 50	2 52	7 41	0s 1	5 6	2 8	2 46	0 56	2 51	1 14	18 18	2 0	3 16	0 39	12 23	1 47	4 55	11 4	12 52	13 5	19 41		n.a.
F 17	7 46	19 30	3 43	8 24	0 7	5 10	1 56	2 29	0 56	2 46	1 14	18 18	2 0	3 15	0 39	12 24	1 47	4 54	11 4	12 53	13 4	19 41		n.a.
S 18	8 9	19 19	4 25	9 5	0 14	5 12	1 44	2 13	0 56	2 41	1 14	18 19	2 0	3 14	0 39	12 24	1 47	4 54	11 4	12 53	13 3	19 40		n.a.
S 19	8 32	18 17	4 55	9 47	0 20	5 13	1 32	1 56	0 55	2 36	1 14	18 19	2 0	3 13	0 39	12 25	1 47	4 53	11 4	12 54	13 2	19 40		n.a.
M20	8 55	16 26	5 13	10 28	0 27	5 13	1 21	1 40	0 55	2 31	1 14	18 19	2 0	3 12	0 39	12 26	1 47	4 53	11 4	12 54	13 1	19 40		n.a.
T 21	9 18	13 50	5 17	11 9	0 33	5 12	1 9	1 23	0 55	2 26	1 14	18 19	1 59	3 11	0 39	12 26	1 47	4 53	11 4	12 54	13 0	19 40		n.a.
W22	9 41	10 34	5 6	11 49	0 39	5 11	0 59	1 7	0 54	2 21	1 14	18 18	1 59	3 10	0 39	12 27	1 47	4 52	11 4	12 53	12 59	19 40		n.a.
T 23	10 3	6 44	4 41	12 28	0 46	5 8	0 48	0 50	0 54	2 17	1 14	18 18	1 59	3 9	0 39	12 28	1 47	4 52	11 4	12 53	12 57	19 39		n.a.
F 24	10 25	2 29	4 0	13 7	0 52	5 5	0 38	0 33	0 54	2 12	1 14	18 18	1 59	3 8	0 39	12 29	1 47	4 52	11 4	12 53	12 56	19 39		n.a.
S 25	10 48	2s 2	3 5	13 45	0 58	5 0	0 28	0 17	0 53	2 7	1 14	18 18	1 59	3 7	0 39	12 29	1 47	4 51	11 4	12 52	12 55	19 39		n.a.
S 26	11 10	6 35	1 57	14 23	1 4	4 55	0 18	0 0	0 53	2 2	1 14	18 18	1 59	3 7	0 39	12 30	1 47	4 51	11 4	12 52	12 54	19 39		n.a.
M27	11 31	10 53	0 41	15 0	1 9	4 49	0 8	0s16	0 53	1 57	1 14	18 18	1 59	3 6	0 39	12 31	1 47	4 51	11 4	12 52	12 53	19 38		n.a.
T 28	11 53	14 37	0n40	15 36	1 15	4 42	0n 1	0 33	0 52	1 52	1 15	18 17	1 58	3 5	0 39	12 32	1 47	4 50	11 4	12 52	12 52	19 38		n.a.
W29	12 14	17 27	1 59	16 11	1 21	4 35	0 10	0 50	0 52	1 48	1 15	18 17	1 58	3 4	0 39	12 32	1 47	4 50	11 4	12 52	12 51	19 38		n.a.
T 30	12 36	19 8	3 10	16 46	1 26	4 26	0 18	1 6	0 52	1 43	1 15	18 17	1 58	3 3	0 39	12 33	1 47	4 50	11 4	12 52	12 50	19 38		n.a.
F 31	12s57	19s30	4n 8	17s20	1s31	4n17	0n27	1s23	0n51	1n38	1n15	18s16	1s58	3n 2	0s39	12s34	1n47	4n49	11s 4	12s52	12s49	19n37		n.a.

Julian Day Number = 1600068.5, Delta T = 03h59m44s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'33, Lahiri = - 8°32'33 Julian Calendar 1 Oct. 333 BCE == Greg. Calendar 26 Sept. 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

NOVEMBER 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 23 7	4♏50'26	9♉27	14♏25	21♍ 2	6♎ 4	28♍58	15♒29	9°R 0	7♏45	11°R 6	3°R36	3♏23	23♊48	n.a.	S 1
S 2	2 27 4	5°51'28	23°45	15°58	21°47	6°45	29°10	15°29	8♈58	7°47	11♉ 5	3♏36	3°20	23°55	n.a.	S 2
M 3	2 31 0	6°52'31	7♒46	17°31	22°32	7°25	29°22	15°31	8°56	7°49	11° 4	3°D36	3°16	24° 1	n.a.	M 3
T 4	2 34 57	7°53'34	21°30	19° 3	23°19	8° 6	29°33	15°32	8°54	7°52	11° 2	3°36	3°13	24° 8	n.a.	T 4
W 5	2 38 54	8°54'38	4♓57	20°36	24° 6	8°47	29°45	15°33	8°52	7°54	11° 1	3°36	3°10	24°15	n.a.	W 5
T 6	2 42 50	9°55'43	18° 8	22° 8	24°54	9°28	29°56	15°34	8°50	7°56	11° 0	3°37	3° 7	24°21	n.a.	T 6
F 7	2 46 47	10°56'49	1♈ 3	23°40	25°43	10° 9	0♎ 8	15°36	8°48	7°59	10°59	3°38	3° 4	24°28	n.a.	F 7
S 8	2 50 43	11°57'55	13°46	25°12	26°33	10°50	0°19	15°38	8°46	8° 1	10°58	3°38	3° 0	24°35	n.a.	S 8
S 9	2 54 40	12°59'01	26°16	26°44	27°24	11°30	0°31	15°39	8°44	8° 3	10°57	3°39	2°57	24°41	n.a.	S 9
M10	2 58 36	14° 0'09	8♉35	28°16	28°16	12°11	0°42	15°41	8°42	8° 5	10°56	3°R39	2°54	24°48	n.a.	M10
T 11	3 2 33	15° 1'17	20°45	29°47	29° 8	12°52	0°53	15°43	8°40	8° 8	10°54	3°38	2°51	24°55	n.a.	T 11
W12	3 6 29	16° 2'26	2♊47	1♐18	0♎ 1	13°33	1° 4	15°45	8°38	8°10	10°53	3°37	2°48	25° 2	n.a.	W12
T 13	3 10 26	17° 3'36	14°42	2°48	0°55	14°14	1°15	15°47	8°36	8°12	10°52	3°35	2°45	25° 8	n.a.	T 13
F 14	3 14 23	18° 4'46	26°34	4°18	1°49	14°55	1°26	15°49	8°34	8°14	10°51	3°33	2°41	25°15	n.a.	F 14
S 15	3 18 19	19° 5'58	8♋24	5°46	2°44	15°37	1°37	15°52	8°33	8°17	10°50	3°31	2°38	25°22	n.a.	S 15
S 16	3 22 16	20° 7'10	20°16	7°14	3°40	16°18	1°48	15°54	8°31	8°19	10°49	3°28	2°35	25°28	n.a.	S 16
M17	3 26 12	21° 8'23	2♌13	8°41	4°37	16°59	1°58	15°57	8°29	8°21	10°48	3°26	2°32	25°35	n.a.	M17
T 18	3 30 9	22° 9'36	14°19	10° 7	5°34	17°40	2° 9	15°59	8°28	8°23	10°46	3°25	2°29	25°42	n.a.	T 18
W19	3 34 5	23°10'50	26°40	11°31	6°31	18°21	2°19	16° 2	8°26	8°25	10°45	3°D25	2°26	25°48	n.a.	W19
T 20	3 38 2	24°12'05	9♍19	12°53	7°29	19° 3	2°30	16° 5	8°25	8°28	10°44	3°26	2°22	25°55	n.a.	T 20
F 21	3 41 58	25°13'20	22°21	14°13	8°28	19°44	2°40	16° 8	8°23	8°30	10°43	3°27	2°19	26° 2	n.a.	F 21
S 22	3 45 55	26°14'36	5♎49	15°30	9°27	20°25	2°50	16°11	8°22	8°32	10°42	3°29	2°16	26° 9	n.a.	S 22
S 23	3 49 52	27°15'53	19°44	16°44	10°26	21° 6	3° 0	16°14	8°20	8°34	10°41	3°30	2°13	26°15	n.a.	S 23
M24	3 53 48	28°17'09	4♏ 5	17°55	11°26	21°48	3°10	16°17	8°19	8°36	10°40	3°R31	2°10	26°22	n.a.	M24
T 25	3 57 45	29°18'27	18°50	19° 2	12°27	22°29	3°20	16°21	8°18	8°38	10°39	3°30	2° 6	26°29	n.a.	T 25
W26	4 1 41	0♐19'44	3♐51	20° 3	13°28	23°11	3°30	16°24	8°16	8°41	10°37	3°28	2° 3	26°35	n.a.	W26
T 27	4 5 38	1°21'02	19° 1	21° 0	14°29	23°52	3°40	16°28	8°15	8°43	10°36	3°24	2° 0	26°42	n.a.	T 27
F 28	4 9 34	2°22'20	4♑ 8	21°49	15°31	24°34	3°50	16°31	8°14	8°45	10°35	3°20	1°57	26°49	n.a.	F 28
S 29	4 13 31	3°23'37	19° 4	22°32	16°33	25°15	3°59	16°35	8°13	8°47	10°34	3°16	1°54	26°55	n.a.	S 29
S 30	4 17 27	4♐24'55	3♒41	23♐ 6	17♎35	25♎57	4♎ 8	16♒39	8♈12	8♏49	10♉33	3♏12	1♏51	27♊ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s18	18s34	4n50	17s53	1s36	4n 8	0n35	1s40	0n51	1n34	1n15	18s16	1s58	3n 1	0s39	12s35	1n47	4n49	11s 4	12s52	12s48	19n37		n.a.
S 2	13 38	16 29	5 13	18 26	1 41	3 57	0 43	1 56	0 51	1 29	1 15	18 16	1 58	3 0	0 38	12 35	1 47	4 49	11 4	12 52	12 46	19 37		n.a.
M 3	13 59	13 27	5 17	18 57	1 45	3 46	0 50	2 13	0 50	1 24	1 15	18 15	1 58	3 0	0 38	12 36	1 47	4 48	11 4	12 52	12 45	19 37		n.a.
T 4	14 19	9 44	5 2	19 27	1 50	3 34	0 58	2 29	0 50	1 20	1 15	18 15	1 57	2 59	0 38	12 37	1 47	4 48	11 4	12 52	12 44	19 36		n.a.
W 5	14 39	5 36	4 32	19 57	1 54	3 21	1 5	2 46	0 49	1 15	1 15	18 14	1 57	2 58	0 38	12 38	1 47	4 48	11 4	12 52	12 43	19 36		n.a.
T 6	14 58	1 17	3 47	20 25	1 58	3 8	1 11	3 3	0 49	1 11	1 15	18 13	1 57	2 57	0 38	12 38	1 47	4 47	11 4	12 53	12 42	19 36		n.a.
F 7	15 18	3n 2	2 51	20 52	2 1	2 55	1 18	3 19	0 49	1 6	1 16	18 13	1 57	2 56	0 38	12 39	1 47	4 47	11 4	12 53	12 41	19 36		n.a.
S 8	15 37	7 9	1 48	21 19	2 4	2 40	1 24	3 36	0 48	1 2	1 16	18 12	1 57	2 56	0 38	12 40	1 47	4 47	11 4	12 53	12 40	19 35		n.a.
S 9	15 56	10 54	0 41	21 44	2 7	2 25	1 30	3 52	0 48	0 57	1 16	18 12	1 57	2 55	0 38	12 41	1 47	4 46	11 4	12 53	12 39	19 35		n.a.
M10	16 14	14 6	0s27	22 7	2 10	2 10	1 36	4 9	0 47	0 53	1 16	18 11	1 56	2 54	0 38	12 41	1 47	4 46	11 4	12 53	12 38	19 35		n.a.
T 11	16 32	16 40	1 33	22 30	2 12	1 54	1 42	4 25	0 47	0 48	1 16	18 10	1 56	2 53	0 38	12 42	1 47	4 46	11 4	12 53	12 37	19 34		n.a.
W12	16 50	18 27	2 35	22 51	2 14	1 38	1 47	4 42	0 47	0 44	1 16	18 9	1 56	2 53	0 38	12 43	1 47	4 45	11 4	12 53	12 36	19 34		n.a.
T 13	17 8	19 24	3 28	23 11	2 15	1 21	1 52	4 58	0 46	0 40	1 16	18 9	1 56	2 52	0 38	12 43	1 47	4 45	11 4	12 52	12 34	19 34		n.a.
F 14	17 26	19 29	4 13	23 29	2 16	1 3	1 57	5 15	0 46	0 35	1 17	18 8	1 56	2 51	0 38	12 44	1 47	4 45	11 3	12 51	12 33	19 34		n.a.
S 15	17 43	18 42	4 46	23 46	2 16	0 45	2 2	5 31	0 45	0 31	1 17	18 7	1 56	2 51	0 38	12 45	1 47	4 45	11 3	12 50	12 32	19 33		n.a.
S 16	17 59	17 7	5 8	24 1	2 16	0 27	2 6	5 48	0 45	0 27	1 17	18 6	1 56	2 50	0 38	12 46	1 47	4 44	11 3	12 50	12 31	19 33		n.a.
M17	18 16	14 47	5 16	24 15	2 15	0 8	2 10	6 4	0 44	0 23	1 17	18 5	1 55	2 49	0 38	12 46	1 47	4 44	11 3	12 49	12 30	19 33		n.a.
T 18	18 32	11 47	5 10	24 26	2 14	0s11	2 14	6 20	0 44	0 19	1 17	18 4	1 55	2 49	0 38	12 47	1 47	4 44	11 3	12 48	12 29	19 32		n.a.
W19	18 48	8 14	4 50	24 36	2 11	0 30	2 18	6 37	0 43	0 15	1 17	18 3	1 55	2 48	0 38	12 48	1 47	4 44	11 3	12 48	12 28	19 32		n.a.
T 20	19 3	4 13	4 16	24 45	2 9	0 50	2 22	6 53	0 43	0 11	1 17	18 2	1 55	2 48	0 38	12 48	1 47	4 43	11 3	12 49	12 27	19 32		n.a.
F 21	19 18	0s 6	3 28	24 51	2 5	1 10	2 25	7 9	0 43	0 7	1 18	18 1	1 55	2 47	0 38	12 49	1 47	4 43	11 3	12 49	12 26	19 31		n.a.
S 22	19 33	4 35	2 27	24 56	2 0	1 31	2 29	7 25	0 42	0 3	1 18	18 0	1 55	2 47	0 38	12 50	1 47	4 43	11 3	12 50	12 24	19 31		n.a.
S 23	19 47	8 58	1 15	24 58	1 55	1 52	2 32	7 42	0 42	0s 1	1 18	17 59	1 55	2 46	0 38	12 51	1 47	4 43	11 3	12 50	12 23	19 31		n.a.
M24	20 1	12 59	0n 3	24 59	1 49	2 13	2 34	7 58	0 41	0 5	1 18	17 58	1 54	2 45	0 38	12 51	1 47	4 42	11 3	12 50	12 22	19 30		n.a.
T 25	20 15	16 18	1 23	24 57	1 41	2 34	2 37	8 14	0 41	0 9	1 18	17 57	1 54	2 45	0 38	12 52	1 47	4 42	11 2	12 50	12 21	19 30		n.a.
W26	20 28	18 35	2 39	24 54	1 33	2 56	2 40	8 30	0 40	0 13	1 18	17 56	1 54	2 45	0 38	12 53	1 47	4 42	11 2	12 49	12 20	19 30		n.a.
T 27	20 41	19 33	3 44	24 48	1 23	3 18	2 42	8 46	0 40	0 17	1 18	17 54	1 54	2 44	0 38	12 53	1 47	4 42	11 2	12 48	12 19	19 29		n.a.
F 28	20 53	19 7	4 34	24 41	1 12	3 40	2 44	9 1	0 39	0 20	1 19	17 53	1 54	2 44	0 38	12 54	1 47	4 42	11 2	12 47	12 18	19 29		n.a.
S 29	21 5	17 21	5 3	24 31	1 0	4 2	2 46	9 17	0 39	0 24	1 19	17 52	1 54	2 43	0 38	12 55	1 47	4 41	11 2	12 45	12 17	19 29		n.a.
S 30	21s17	14s30	5n13	24s20	0s47	4s24	2n48	9s33	0n38	0s28	1n19	17s51	1s54	2n43	0s38	12s55	1n47	4n41	11s 2	12s44	12s16	19n28		n.a.

Julian Day Number = 1600099.5, Delta T = 03h59m42s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'29, Lahiri = - 8°32'29 Julian Calendar 1 Nov. 333 BCE == Greg. Calendar 27 Oct. 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 333 BCE
geocentric

DECEMBER 333 BCE (-332) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 21 24	5♐26'11	17♒54	23♐32	18♎38	26♎38	4♎18	16♒43	8°R11	8♏51	10°R32	3°R 9	1♏47	27♊ 9	n.a.	M 1
T 2	4 25 21	6°27'28	1♓42	23°48	19°41	27°20	4°27	16°47	8♈10	8°53	10♉31	3°D 8	1°44	27°15	n.a.	T 2
W 3	4 29 17	7°28'44	15° 5	23°R52	20°45	28° 1	4°36	16°51	8° 9	8°55	10°30	3♏ 8	1°41	27°22	n.a.	W 3
T 4	4 33 14	8°29'59	28° 6	23°46	21°49	28°43	4°45	16°55	8° 8	8°57	10°29	3° 9	1°38	27°29	n.a.	T 4
F 5	4 37 10	9°31'14	10♈48	23°28	22°53	29°25	4°54	16°59	8° 7	8°59	10°28	3°11	1°35	27°36	n.a.	F 5
S 6	4 41 7	10°32'29	23°14	22°57	23°57	0♏ 6	5° 2	17° 4	8° 6	9° 1	10°27	3°13	1°31	27°42	n.a.	S 6
S 7	4 45 3	11°33'43	5♉28	22°16	25° 2	0°48	5°11	17° 8	8° 5	9° 3	10°26	3°R13	1°28	27°49	n.a.	S 7
M 8	4 49 0	12°34'56	17°34	21°23	26° 7	1°30	5°19	17°13	8° 5	9° 5	10°25	3°12	1°25	27°56	n.a.	M 8
T 9	4 52 56	13°36'09	29°33	20°21	27°12	2°11	5°28	17°17	8° 4	9° 7	10°24	3° 9	1°22	28° 2	n.a.	T 9
W10	4 56 53	14°37'22	11♊27	19°11	28°18	2°53	5°36	17°22	8° 4	9° 9	10°23	3° 3	1°19	28° 9	n.a.	W10
T 11	5 0 50	15°38'34	23°19	17°56	29°23	3°35	5°44	17°27	8° 3	9°11	10°22	2°56	1°16	28°16	n.a.	T 11
F 12	5 4 46	16°39'46	5♋11	16°37	0♏29	4°17	5°52	17°31	8° 2	9°13	10°21	2°47	1°12	28°23	n.a.	F 12
S 13	5 8 43	17°40'57	17° 2	15°18	1°36	4°59	6° 0	17°36	8° 2	9°15	10°21	2°38	1° 9	28°29	n.a.	S 13
S 14	5 12 39	18°42'08	28°57	14° 1	2°42	5°41	6° 8	17°41	8° 2	9°17	10°20	2°29	1° 6	28°36	n.a.	S 14
M15	5 16 36	19°43'18	10♌56	12°47	3°49	6°23	6°15	17°46	8° 1	9°19	10°19	2°22	1° 3	28°43	n.a.	M15
T 16	5 20 32	20°44'28	23° 4	11°39	4°56	7° 5	6°23	17°51	8° 1	9°20	10°18	2°16	1° 0	28°49	n.a.	T 16
W17	5 24 29	21°45'38	5♍23	10°39	6° 3	7°47	6°30	17°57	8° 1	9°22	10°17	2°12	0°57	28°56	n.a.	W17
T 18	5 28 26	22°46'46	17°57	9°47	7°10	8°29	6°37	18° 2	8° 1	9°24	10°16	2°D10	0°53	29° 3	n.a.	T 18
F 19	5 32 22	23°47'55	0♎50	9° 5	8°18	9°11	6°44	18° 7	8° 0	9°26	10°16	2°10	0°50	29° 9	n.a.	F 19
S 20	5 36 19	24°49'03	14° 7	8°32	9°26	9°53	6°51	18°13	8° 0	9°28	10°15	2°11	0°47	29°16	n.a.	S 20
S 21	5 40 15	25°50'10	27°51	8° 8	10°33	10°35	6°58	18°18	8°D 0	9°29	10°14	2°R12	0°44	29°23	n.a.	S 21
M22	5 44 12	26°51'17	12♏ 3	7°53	11°42	11°17	7° 4	18°24	8° 0	9°31	10°13	2°12	0°41	29°30	n.a.	M22
T 23	5 48 8	27°52'23	26°42	7°D46	12°50	11°59	7°11	18°29	8° 0	9°33	10°12	2° 9	0°37	29°36	n.a.	T 23
W24	5 52 5	28°53'29	11♐44	7°48	13°58	12°42	7°17	18°35	8° 1	9°34	10°12	2° 5	0°34	29°43	n.a.	W24
T 25	5 56 1	29°54'34	27° 1	7°58	15° 7	13°24	7°23	18°41	8° 1	9°36	10°11	1°57	0°31	29°50	n.a.	T 25
F 26	5 59 58	0♑55'37	12♑21	8°15	16°15	14° 6	7°29	18°47	8° 1	9°37	10°10	1°48	0°28	29°56	n.a.	F 26
S 27	6 3 55	1°56'40	27°34	8°38	17°24	14°48	7°35	18°53	8° 1	9°39	10°10	1°39	0°25	0♋ 3	n.a.	S 27
S 28	6 7 51	2°57'41	12♒29	9° 7	18°33	15°31	7°40	18°59	8° 2	9°41	10° 9	1°30	0°22	0°10	n.a.	S 28
M29	6 11 48	3°58'41	26°58	9°41	19°42	16°13	7°46	19° 5	8° 2	9°42	10° 8	1°22	0°18	0°16	n.a.	M29
T 30	6 15 44	4°59'39	10♓58	10°21	20°52	16°55	7°51	19°11	8° 2	9°44	10° 8	1°17	0°15	0°23	n.a.	T 30
W31	6 19 41	6♑ 0'36	24♓28	11♐ 5	22♏ 1	17♏38	7♎56	19♒17	8♈ 3	9♏45	10♉ 7	1♏15	0♏12	0♋30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	21s28	10s51	5n 3	24s 7	0s33	4s47	2n49	9s49	0n38	0s31	1n19	17s49	1s54	2n42	0s38	12s56	1n47	4n41	11s 2	12s43	12s14	19n28			n.a.
T 2	21 39	6 43	4 35	23 52	0 17	5 10	2 51	10 4	0 37	0 35	1 19	17 48	1 53	2 42	0 38	12 57	1 47	4 41	11 2	12 42	12 13	19 28			n.a.
W 3	21 50	2 22	3 53	23 35	0n 0	5 33	2 52	10 20	0 37	0 38	1 20	17 47	1 53	2 42	0 38	12 57	1 47	4 41	11 1	12 43	12 12	19 27			n.a.
T 4	21 59	1n59	3 0	23 17	0 18	5 56	2 53	10 35	0 36	0 42	1 20	17 45	1 53	2 41	0 38	12 58	1 47	4 40	11 1	12 43	12 11	19 27			n.a.
F 5	22 9	6 9	1 59	22 57	0 37	6 19	2 54	10 51	0 35	0 45	1 20	17 44	1 53	2 41	0 38	12 58	1 47	4 40	11 1	12 44	12 10	19 26			n.a.
S 6	22 18	9 58	0 54	22 36	0 56	6 42	2 55	11 6	0 35	0 48	1 20	17 42	1 53	2 41	0 37	12 59	1 47	4 40	11 1	12 44	12 9	19 26			n.a.
S 7	22 27	13 19	0s12	22 14	1 16	7 5	2 55	11 21	0 34	0 51	1 20	17 41	1 53	2 40	0 37	13 0	1 48	4 40	11 1	12 44	12 8	19 26			n.a.
M 8	22 35	16 3	1 17	21 51	1 36	7 29	2 56	11 37	0 34	0 55	1 20	17 39	1 53	2 40	0 37	13 0	1 48	4 40	11 1	12 44	12 7	19 25			n.a.
T 9	22 43	18 3	2 18	21 28	1 55	7 52	2 56	11 52	0 33	0 58	1 21	17 38	1 53	2 40	0 37	13 1	1 48	4 40	11 0	12 43	12 6	19 25			n.a.
W10	22 50	19 15	3 12	21 5	2 13	8 15	2 56	12 7	0 33	1 1	1 21	17 36	1 52	2 40	0 37	13 1	1 48	4 40	11 0	12 41	12 4	19 25			n.a.
T 11	22 57	19 36	3 58	20 42	2 30	8 39	2 56	12 22	0 32	1 4	1 21	17 35	1 52	2 40	0 37	13 2	1 48	4 40	11 0	12 38	12 3	19 24			n.a.
F 12	23 3	19 5	4 33	20 19	2 45	9 2	2 56	12 37	0 31	1 7	1 21	17 33	1 52	2 39	0 37	13 3	1 48	4 39	11 0	12 35	12 2	19 24			n.a.
S 13	23 9	17 44	4 56	19 58	2 57	9 25	2 56	12 51	0 31	1 10	1 21	17 31	1 52	2 39	0 37	13 3	1 48	4 39	11 0	12 32	12 1	19 23			n.a.
S 14	23 15	15 37	5 7	19 39	3 8	9 49	2 56	13 6	0 30	1 13	1 22	17 30	1 52	2 39	0 37	13 4	1 48	4 39	11 0	12 29	12 0	19 23			n.a.
M15	23 20	12 49	5 4	19 22	3 16	10 12	2 55	13 21	0 30	1 16	1 22	17 28	1 52	2 39	0 37	13 4	1 48	4 39	10 59	12 26	11 59	19 23			n.a.
T 16	23 24	9 28	4 48	19 8	3 22	10 35	2 54	13 35	0 29	1 18	1 22	17 26	1 52	2 39	0 37	13 5	1 48	4 39	10 59	12 24	11 58	19 22			n.a.
W17	23 28	5 40	4 18	18 56	3 25	10 58	2 54	13 50	0 28	1 21	1 22	17 25	1 52	2 39	0 37	13 5	1 48	4 39	10 59	12 23	11 57	19 22			n.a.
T 18	23 32	1 32	3 35	18 48	3 26	11 21	2 53	14 4	0 28	1 24	1 23	17 23	1 52	2 39	0 37	13 6	1 48	4 39	10 59	12 22	11 55	19 21			n.a.
F 19	23 35	2s47	2 41	18 42	3 25	11 44	2 52	14 18	0 27	1 26	1 23	17 21	1 51	2 39	0 37	13 6	1 48	4 39	10 59	12 22	11 54	19 21			n.a.
S 20	23 38	7 6	1 36	18 40	3 22	12 7	2 51	14 32	0 27	1 29	1 23	17 19	1 51	2 39	0 37	13 7	1 48	4 39	10 58	12 23	11 53	19 20			n.a.
S 21	23 40	11 12	0 23	18 40	3 18	12 29	2 49	14 46	0 26	1 31	1 23	17 17	1 51	2 39	0 37	13 7	1 48	4 39	10 58	12 23	11 52	19 20			n.a.
M22	23 42	14 48	0n53	18 43	3 13	12 52	2 48	15 0	0 25	1 34	1 23	17 16	1 51	2 39	0 37	13 8	1 48	4 39	10 58	12 23	11 51	19 20			n.a.
T 23	23 43	17 36	2 7	18 49	3 6	13 14	2 47	15 14	0 25	1 36	1 24	17 14	1 51	2 39	0 37	13 8	1 48	4 39	10 58	12 22	11 50	19 19			n.a.
W24	23 44	19 15	3 15	18 57	2 59	13 36	2 45	15 27	0 24	1 39	1 24	17 12	1 51	2 39	0 37	13 9	1 48	4 39	10 57	12 20	11 49	19 19			n.a.
T 25	23 44	19 32	4 10	19 6	2 50	13 58	2 44	15 41	0 23	1 41	1 24	17 10	1 51	2 39	0 37	13 9	1 48	4 39	10 57	12 18	11 48	19 18			n.a.
F 26	23 44	18 23	4 47	19 18	2 42	14 19	2 42	15 54	0 23	1 43	1 24	17 8	1 51	2 39	0 37	13 10	1 48	4 39	10 57	12 15	11 46	19 18			n.a.
S 27	23 43	15 57	5 4	19 30	2 32	14 41	2 40	16 8	0 22	1 45	1 25	17 6	1 51	2 39	0 37	13 10	1 48	4 39	10 57	12 11	11 45	19 17			n.a.
S 28	23 42	12 29	4 59	19 44	2 23	15 2	2 38	16 21	0 21	1 47	1 25	17 4	1 51	2 40	0 37	13 11	1 48	4 39	10 57	12 8	11 44	19 17			n.a.
M29	23 40	8 22	4 35	19 59	2 13	15 22	2 36	16 34	0 21	1 49	1 25	17 2	1 51	2 40	0 37	13 11	1 48	4 39	10 56	12 6	11 43	19 17			n.a.
T 30	23 38	3 55	3 55	20 14	2 3	15 43	2 34	16 47	0 20	1 51	1 25	17 0	1 51	2 40	0 37	13 12	1 48	4 39	10 56	12 4	11 42	19 16			n.a.
W31	23s36	0n34	3n 3	20s31	1n53	16s 3	2n32	17s 0	0n19	1s53	1n25	16s58	1s50	2n40	0s37	13s12	1n48	4n39	10s56	12s 3	11s41	19n16			n.a.

Julian Day Number = 1600129.5, Delta T = 03h59m41s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'25, Lahiri = - 8°32'25 Julian Calendar 1 Dec. 333 BCE == Greg. Calendar 26 Nov. 333 BCE

The year -332 astronomical counting style corresponds to year 333 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

JANUARY 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 23 37	7♉ 1'32	7♈31	11♐53	23♏10	18♏20	8♎ 1	19♒23	8♈ 3	9♏46	10°R 7	1°D14	0♏ 9	0♋37	n.a.	T 1
F 2	6 27 34	8° 2'25	20°10	12°44	24°20	19° 2	8° 6	19°29	8° 4	9°48	10♉ 6	1♏14	0° 6	0°43	n.a.	F 2
S 3	6 31 30	9° 3'18	2♉31	13°39	25°30	19°45	8°11	19°36	8° 5	9°49	10° 6	1°R15	0° 3	0°50	n.a.	S 3
S 4	6 35 27	10° 4'08	14°37	14°37	26°39	20°27	8°15	19°42	8° 5	9°51	10° 5	1°14	29♎59	0°57	n.a.	S 4
M 5	6 39 24	11° 4'58	26°35	15°38	27°49	21°10	8°20	19°48	8° 6	9°52	10° 4	1°11	29°56	1° 3	n.a.	M 5
T 6	6 43 20	12° 5'45	8♊27	16°41	28°59	21°52	8°24	19°55	8° 7	9°53	10° 4	1° 5	29°53	1°10	n.a.	T 6
W 7	6 47 17	13° 6'31	20°17	17°47	0♐ 9	22°35	8°28	20° 1	8° 8	9°55	10° 4	0°56	29°50	1°17	n.a.	W 7
T 8	6 51 13	14° 7'16	2♋ 8	18°55	1°20	23°17	8°31	20° 8	8° 9	9°56	10° 3	0°45	29°47	1°24	n.a.	T 8
F 9	6 55 10	15° 7'59	14° 1	20° 5	2°30	24° 0	8°35	20°15	8°10	9°57	10° 3	0°31	29°43	1°30	n.a.	F 9
S 10	6 59 6	16° 8'41	25°57	21°17	3°40	24°43	8°39	20°21	8°11	9°58	10° 2	0°17	29°40	1°37	n.a.	S 10
S 11	7 3 3	17° 9'21	7♌59	22°31	4°51	25°25	8°42	20°28	8°12	9°59	10° 2	0° 3	29°37	1°44	n.a.	S 11
M12	7 7 0	18° 9'59	20° 6	23°46	6° 1	26° 8	8°45	20°35	8°13	10° 0	10° 2	29♎50	29°34	1°50	n.a.	M12
T 13	7 10 56	19°10'36	2♍21	25° 3	7°12	26°51	8°48	20°42	8°14	10° 2	10° 1	29°40	29°31	1°57	n.a.	T 13
W14	7 14 53	20°11'12	14°45	26°21	8°22	27°33	8°51	20°48	8°15	10° 3	10° 1	29°33	29°28	2° 4	n.a.	W14
T 15	7 18 49	21°11'46	27°22	27°41	9°33	28°16	8°53	20°55	8°17	10° 4	10° 1	29°28	29°24	2°10	n.a.	T 15
F 16	7 22 46	22°12'19	10♎14	29° 2	10°44	28°59	8°56	21° 2	8°18	10° 5	10° 0	29°26	29°21	2°17	n.a.	F 16
S 17	7 26 42	23°12'50	23°25	0♉25	11°55	29°42	8°58	21° 9	8°19	10° 6	10° 0	29°26	29°18	2°24	n.a.	S 17
S 18	7 30 39	24°13'20	6♏59	1°48	13° 6	0♐24	9° 0	21°16	8°21	10° 7	10° 0	29°26	29°15	2°31	n.a.	S 18
M19	7 34 35	25°13'49	20°57	3°13	14°17	1° 7	9° 2	21°23	8°22	10° 7	10° 0	29°25	29°12	2°37	n.a.	M19
T 20	7 38 32	26°14'16	5♐20	4°39	15°28	1°50	9° 3	21°30	8°24	10° 8	10° 0	29°22	29° 9	2°44	n.a.	T 20
W21	7 42 28	27°14'42	20° 6	6° 6	16°39	2°33	9° 5	21°37	8°25	10° 9	9°59	29°16	29° 5	2°51	n.a.	W21
T 22	7 46 25	28°15'06	5♉10	7°34	17°51	3°16	9° 6	21°44	8°27	10°10	9°59	29° 7	29° 2	2°57	n.a.	T 22
F 23	7 50 22	29°15'29	20°23	9° 3	19° 2	3°59	9° 7	21°52	8°28	10°11	9°59	28°56	28°59	3° 4	n.a.	F 23
S 24	7 54 18	0♒15'50	5♒34	10°33	20°13	4°42	9° 8	21°59	8°30	10°11	9°59	28°44	28°56	3°11	n.a.	S 24
S 25	7 58 15	1°16'08	20°33	12° 5	21°25	5°25	9° 9	22° 6	8°32	10°12	9°59	28°33	28°53	3°18	n.a.	S 25
M26	8 2 11	2°16'25	5♓ 9	13°37	22°36	6° 8	9° 9	22°13	8°34	10°13	9°59	28°23	28°49	3°24	n.a.	M26
T 27	8 6 8	3°16'40	19°18	15°10	23°48	6°51	9° 9	22°20	8°35	10°13	9°59	28°16	28°46	3°31	n.a.	T 27
W28	8 10 4	4°16'52	2♈57	16°45	24°59	7°34	9°R10	22°28	8°37	10°14	9°D59	28°12	28°43	3°38	n.a.	W28
T 29	8 14 1	5°17'02	16° 6	18°20	26°11	8°17	9° 9	22°35	8°39	10°15	9°59	28°10	28°40	3°44	n.a.	T 29
F 30	8 17 57	6°17'10	28°50	19°57	27°23	9° 0	9° 9	22°42	8°41	10°15	9°59	28°D10	28°37	3°51	n.a.	F 30
S 31	8 21 54	7♒17'16	11♉13	21♉34	28♐34	9♐43	9♎ 9	22♒50	8♈43	10♏16	9♉59	28°R10	28♎34	3♋58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s33	4n54	2n 3	20s47	1n43	16s23	2n29	17s12	0n18	1s55	1n26	16s56	1s50	2n41	0s37	13s13	1n48	4n39	10s56	12s 3	11s40	19n15			n.a.
F 2	23 29	8 53	0 59	21 4	1 33	16 43	2 27	17 25	0 18	1 56	1 26	16 54	1 50	2 41	0 36	13 13	1 48	4 39	10 55	12 3	11 39	19 15			n.a.
S 3	23 25	12 23	0s 7	21 21	1 23	17 2	2 25	17 37	0 17	1 58	1 26	16 52	1 50	2 41	0 36	13 13	1 49	4 39	10 55	12 3	11 37	19 14			n.a.
S 4	23 21	15 18	1 11	21 37	1 13	17 21	2 22	17 49	0 16	1 59	1 26	16 50	1 50	2 41	0 36	13 14	1 49	4 39	10 55	12 3	11 36	19 14			n.a.
M 5	23 16	17 31	2 10	21 54	1 3	17 39	2 20	18 1	0 15	2 1	1 27	16 48	1 50	2 42	0 36	13 14	1 49	4 39	10 55	12 2	11 35	19 13			n.a.
T 6	23 10	18 57	3 4	22 10	0 54	17 57	2 17	18 13	0 15	2 2	1 27	16 45	1 50	2 42	0 36	13 14	1 49	4 39	10 54	12 0	11 34	19 13			n.a.
W 7	23 5	19 34	3 49	22 26	0 44	18 15	2 14	18 25	0 14	2 4	1 27	16 43	1 50	2 43	0 36	13 15	1 49	4 39	10 54	11 56	11 33	19 12			n.a.
T 8	22 58	19 19	4 24	22 41	0 35	18 32	2 11	18 37	0 13	2 5	1 27	16 41	1 50	2 43	0 36	13 15	1 49	4 40	10 54	11 52	11 32	19 12			n.a.
F 9	22 52	18 13	4 48	22 56	0 25	18 49	2 9	18 48	0 12	2 6	1 28	16 39	1 50	2 43	0 36	13 15	1 49	4 40	10 54	11 48	11 31	19 11			n.a.
S 10	22 45	16 19	4 59	23 10	0 16	19 5	2 6	18 59	0 12	2 7	1 28	16 37	1 50	2 44	0 36	13 16	1 49	4 40	10 53	11 43	11 30	19 11			n.a.
S 11	22 37	13 42	4 57	23 24	0 8	19 21	2 3	19 11	0 11	2 9	1 28	16 35	1 50	2 44	0 36	13 16	1 49	4 40	10 53	11 38	11 28	19 10			n.a.
M12	22 29	10 30	4 42	23 36	0s 1	19 37	2 0	19 22	0 10	2 10	1 28	16 32	1 50	2 45	0 36	13 16	1 49	4 40	10 53	11 33	11 27	19 10			n.a.
T 13	22 21	6 49	4 14	23 48	0 10	19 52	1 57	19 32	0 9	2 10	1 29	16 30	1 50	2 45	0 36	13 17	1 49	4 40	10 53	11 29	11 26	19 9			n.a.
W14	22 12	2 49	3 33	23 59	0 18	20 6	1 54	19 43	0 9	2 11	1 29	16 28	1 50	2 46	0 36	13 17	1 49	4 40	10 52	11 27	11 25	19 9			n.a.
T 15	22 2	1s24	2 41	24 8	0 26	20 20	1 50	19 54	0 8	2 12	1 29	16 26	1 50	2 46	0 36	13 17	1 49	4 41	10 52	11 25	11 24	19 8			n.a.
F 16	21 53	5 37	1 40	24 17	0 33	20 34	1 47	20 4	0 7	2 13	1 29	16 23	1 50	2 47	0 36	13 18	1 49	4 41	10 52	11 25	11 23	19 8			n.a.
S 17	21 43	9 42	0 32	24 25	0 41	20 47	1 44	20 14	0 6	2 13	1 30	16 21	1 50	2 47	0 36	13 18	1 49	4 41	10 52	11 24	11 22	19 7			n.a.
S 18	21 32	13 23	0n40	24 31	0 48	20 59	1 41	20 24	0 5	2 14	1 30	16 19	1 49	2 48	0 36	13 18	1 49	4 41	10 51	11 24	11 20	19 7			n.a.
M19	21 21	16 26	1 51	24 37	0 55	21 11	1 38	20 34	0 4	2 15	1 30	16 16	1 49	2 49	0 36	13 18	1 49	4 41	10 51	11 24	11 19	19 6			n.a.
T 20	21 10	18 33	2 57	24 41	1 2	21 22	1 34	20 43	0 4	2 15	1 30	16 14	1 49	2 49	0 36	13 18	1 49	4 41	10 51	11 23	11 18	19 6			n.a.
W21	20 58	19 29	3 54	24 43	1 8	21 33	1 31	20 53	0 3	2 15	1 31	16 12	1 49	2 50	0 36	13 19	1 49	4 42	10 50	11 21	11 17	19 5			n.a.
T 22	20 46	19 3	4 35	24 45	1 14	21 43	1 27	21 2	0 2	2 16	1 31	16 9	1 49	2 51	0 36	13 19	1 50	4 42	10 50	11 18	11 16	19 5			n.a.
F 23	20 33	17 16	4 57	24 45	1 20	21 53	1 24	21 11	0 1	2 16	1 31	16 7	1 49	2 51	0 36	13 19	1 50	4 42	10 50	11 14	11 15	19 4			n.a.
S 24	20 21	14 18	4 58	24 44	1 25	22 2	1 21	21 20	0 0	2 16	1 31	16 5	1 49	2 52	0 36	13 19	1 50	4 42	10 50	11 9	11 14	19 4			n.a.
S 25	20 7	10 25	4 39	24 41	1 31	22 10	1 17	21 29	0s 1	2 16	1 32	16 2	1 49	2 53	0 36	13 19	1 50	4 43	10 49	11 5	11 12	19 3			n.a.
M26	19 54	6 0	4 1	24 37	1 36	22 18	1 14	21 37	0 2	2 16	1 32	16 0	1 49	2 53	0 36	13 20	1 50	4 43	10 49	11 2	11 11	19 2			n.a.
T 27	19 40	1 23	3 10	24 31	1 40	22 25	1 10	21 46	0 3	2 16	1 32	15 57	1 49	2 54	0 36	13 20	1 50	4 43	10 49	10 59	11 10	19 2			n.a.
W28	19 25	3n 9	2 9	24 24	1 44	22 31	1 7	21 54	0 3	2 16	1 32	15 55	1 49	2 55	0 36	13 20	1 50	4 43	10 49	10 58	11 9	19 1			n.a.
T 29	19 11	7 23	1 3	24 15	1 48	22 37	1 3	22 2	0 4	2 15	1 33	15 52	1 49	2 56	0 36	13 20	1 50	4 44	10 48	10 57	11 8	19 1			n.a.
F 30	18 56	11 8	0s 4	24 4	1 52	22 43	1 0	22 9	0 5	2 15	1 33	15 50	1 49	2 57	0 35	13 20	1 50	4 44	10 48	10 57	11 7	19 0			n.a.
S 31	18s41	14n18	1s 9	23s52	1s55	22s47	0n56	22s17	0s 6	2s15	1n33	15s48	1s49	2n57	0s35	13s20	1n50	4n44	10s48	10s57	11s 6	19n 0			n.a.

Julian Day Number = 1600160.5, Delta T = 03h59m40s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'21, Lahiri = - 8°32'20 Julian Calendar 1 Jan. 332 BCE == Greg. Calendar 27 Dec. 333 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

FEBRUARY 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 51	8♒17'19	23♉20	23♋13	29♐46	10♐26	9°R 8	22♒57	8♈45	10♏16	9♉59	28°R 9	28♎30	4♌ 5	n.a.	S 1
M 2	8 29 47	9°17'21	5♊17	24°53	0♋58	11° 9	9♎ 7	23° 5	8°47	10°17	9°59	28♎ 6	28°27	4°11	n.a.	M 2
T 3	8 33 44	10°17'20	17° 8	26°34	2° 9	11°52	9° 6	23°12	8°49	10°17	9°59	28° 1	28°24	4°18	n.a.	T 3
W 4	8 37 40	11°17'17	28°57	28°15	3°21	12°35	9° 5	23°19	8°51	10°17	9°59	27°53	28°21	4°25	n.a.	W 4
T 5	8 41 37	12°17'11	10♌49	29°58	4°33	13°18	9° 4	23°27	8°54	10°18	10° 0	27°42	28°18	4°31	n.a.	T 5
F 6	8 45 33	13°17'04	22°45	1♒43	5°45	14° 1	9° 2	23°34	8°56	10°18	10° 0	27°29	28°15	4°38	n.a.	F 6
S 7	8 49 30	14°16'54	4♏48	3°28	6°57	14°45	9° 0	23°42	8°58	10°18	10° 0	27°16	28°11	4°45	n.a.	S 7
S 8	8 53 26	15°16'42	16°59	5°14	8° 9	15°28	8°58	23°49	9° 1	10°19	10° 0	27° 2	28° 8	4°52	n.a.	S 8
M 9	8 57 23	16°16'28	29°19	7° 2	9°21	16°11	8°56	23°57	9° 3	10°19	10° 1	26°50	28° 5	4°58	n.a.	M 9
T 10	9 1 20	17°16'12	11♍47	8°51	10°33	16°54	8°54	24° 4	9° 5	10°19	10° 1	26°41	28° 2	5° 5	n.a.	T 10
W11	9 5 16	18°15'54	24°26	10°41	11°45	17°37	8°52	24°12	9° 8	10°19	10° 1	26°34	27°59	5°12	n.a.	W11
T 12	9 9 13	19°15'34	7♎15	12°32	12°57	18°21	8°49	24°19	9°10	10°19	10° 1	26°29	27°55	5°18	n.a.	T 12
F 13	9 13 9	20°15'12	20°18	14°24	14° 9	19° 4	8°46	24°27	9°13	10°19	10° 2	26°28	27°52	5°25	n.a.	F 13
S 14	9 17 6	21°14'49	3♏34	16°18	15°21	19°47	8°43	24°34	9°15	10°19	10° 2	26°D28	27°49	5°32	n.a.	S 14
S 15	9 21 2	22°14'23	17° 7	18°12	16°33	20°31	8°40	24°42	9°18	10°R19	10° 3	26°R28	27°46	5°39	n.a.	S 15
M16	9 24 59	23°13'56	0♐58	20° 8	17°46	21°14	8°36	24°49	9°20	10°19	10° 3	26°28	27°43	5°45	n.a.	M16
T 17	9 28 55	24°13'27	15° 8	22° 5	18°58	21°57	8°33	24°57	9°23	10°19	10° 3	26°26	27°40	5°52	n.a.	T 17
W18	9 32 52	25°12'56	29°35	24° 3	20°10	22°41	8°29	25° 5	9°26	10°19	10° 4	26°22	27°36	5°59	n.a.	W18
T 19	9 36 49	26°12'23	14♋17	26° 2	21°22	23°24	8°25	25°12	9°28	10°19	10° 4	26°16	27°33	6° 5	n.a.	T 19
F 20	9 40 45	27°11'48	29° 7	28° 2	22°35	24° 7	8°21	25°20	9°31	10°19	10° 5	26° 7	27°30	6°12	n.a.	F 20
S 21	9 44 42	28°11'11	13♒58	0♓ 3	23°47	24°51	8°17	25°27	9°34	10°19	10° 5	25°58	27°27	6°19	n.a.	S 21
S 22	9 48 38	29°10'33	28°41	2° 4	24°59	25°34	8°13	25°35	9°37	10°18	10° 6	25°49	27°24	6°26	n.a.	S 22
M23	9 52 35	0♓ 9'51	13♓ 8	4° 6	26°12	26°17	8° 8	25°42	9°39	10°18	10° 6	25°42	27°21	6°32	n.a.	M23
T 24	9 56 31	1° 9'08	27°13	6° 8	27°24	27° 1	8° 3	25°50	9°42	10°18	10° 7	25°36	27°17	6°39	n.a.	T 24
W25	10 0 28	2° 8'22	10♈52	8°11	28°36	27°44	7°59	25°57	9°45	10°18	10° 8	25°33	27°14	6°46	n.a.	W25
T 26	10 4 24	3° 7'34	24° 5	10°13	29°49	28°28	7°54	26° 5	9°48	10°17	10° 8	25°D32	27°11	6°52	n.a.	T 26
F 27	10 8 21	4° 6'44	6♉53	12°15	1♒ 1	29°11	7°48	26°12	9°51	10°17	10° 9	25°32	27° 8	6°59	n.a.	F 27
S 28	10 12 17	5♓ 5'51	19♉21	14♓16	2♒14	29♐54	7♎43	26♒20	9♈54	10♏16	10♉10	25♎33	27♎ 5	7♌ 6	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	18s25	16n45	2s 9	23s38	1s58	22s51	0n53	22s24	0s 7	2s14	1n33	15s45	1s49	2n58	0s35	13s20	1n50	4n44	10s48	10s57	11s 4	18n59			n.a.
M 2	18 9	18 27	3 3	23 23	2 0	22 54	0 49	22 31	0 8	2 14	1 34	15 43	1 49	2 59	0 35	13 20	1 50	4 45	10 47	10 56	11 3	18 59			n.a.
T 3	17 53	19 19	3 48	23 6	2 2	22 57	0 46	22 38	0 9	2 13	1 34	15 40	1 49	3 0	0 35	13 21	1 50	4 45	10 47	10 54	11 2	18 58			n.a.
W 4	17 36	19 20	4 24	22 47	2 3	22 59	0 42	22 45	0 10	2 12	1 34	15 38	1 49	3 1	0 35	13 21	1 50	4 45	10 47	10 51	11 1	18 57			n.a.
T 5	17 19	18 30	4 48	22 26	2 5	23 0	0 39	22 51	0 11	2 12	1 34	15 35	1 49	3 2	0 35	13 21	1 50	4 46	10 46	10 47	11 0	18 57			n.a.
F 6	17 2	16 52	5 0	22 3	2 5	23 1	0 35	22 58	0 12	2 11	1 35	15 33	1 49	3 3	0 35	13 21	1 50	4 46	10 46	10 42	10 59	18 56			n.a.
S 7	16 45	14 28	4 58	21 39	2 6	23 1	0 32	23 4	0 13	2 10	1 35	15 30	1 49	3 4	0 35	13 21	1 50	4 46	10 46	10 37	10 58	18 56			n.a.
S 8	16 27	11 26	4 43	21 13	2 5	23 0	0 28	23 10	0 14	2 9	1 35	15 28	1 49	3 4	0 35	13 21	1 50	4 47	10 46	10 33	10 56	18 55			n.a.
M 9	16 9	7 53	4 15	20 45	2 5	22 59	0 25	23 15	0 15	2 8	1 35	15 25	1 49	3 5	0 35	13 21	1 51	4 47	10 45	10 28	10 55	18 54			n.a.
T 10	15 51	3 56	3 34	20 15	2 4	22 57	0 22	23 21	0 16	2 7	1 35	15 23	1 49	3 6	0 35	13 21	1 51	4 47	10 45	10 25	10 54	18 54			n.a.
W11	15 32	0s14	2 41	19 44	2 2	22 54	0 18	23 26	0 17	2 5	1 36	15 20	1 49	3 7	0 35	13 21	1 51	4 48	10 45	10 22	10 53	18 53			n.a.
T 12	15 14	4 27	1 40	19 10	2 0	22 51	0 15	23 31	0 18	2 4	1 36	15 18	1 49	3 8	0 35	13 21	1 51	4 48	10 45	10 21	10 52	18 53			n.a.
F 13	14 55	8 32	0 33	18 35	1 57	22 47	0 12	23 36	0 19	2 3	1 36	15 15	1 50	3 9	0 35	13 21	1 51	4 48	10 44	10 20	10 51	18 52			n.a.
S 14	14 36	12 16	0n38	17 57	1 54	22 42	0 8	23 40	0 20	2 1	1 36	15 13	1 50	3 10	0 35	13 21	1 51	4 49	10 44	10 20	10 50	18 51			n.a.
S 15	14 16	15 26	1 48	17 18	1 50	22 37	0 5	23 44	0 21	2 0	1 37	15 10	1 50	3 12	0 35	13 21	1 51	4 49	10 44	10 20	10 48	18 51			n.a.
M16	13 56	17 47	2 53	16 37	1 46	22 31	0 2	23 48	0 22	1 58	1 37	15 8	1 50	3 13	0 35	13 21	1 51	4 49	10 43	10 20	10 47	18 50			n.a.
T 17	13 37	19 6	3 49	15 55	1 41	22 24	0s 2	23 52	0 23	1 57	1 37	15 5	1 50	3 14	0 35	13 20	1 51	4 50	10 43	10 19	10 46	18 50			n.a.
W18	13 16	19 12	4 32	15 10	1 36	22 17	0 5	23 56	0 24	1 55	1 37	15 2	1 50	3 15	0 35	13 20	1 51	4 50	10 43	10 18	10 45	18 49			n.a.
T 19	12 56	18 1	4 58	14 24	1 30	22 9	0 8	23 59	0 25	1 53	1 37	15 0	1 50	3 16	0 35	13 20	1 51	4 51	10 43	10 16	10 44	18 48			n.a.
F 20	12 36	15 38	5 4	13 36	1 23	22 0	0 11	24 2	0 26	1 52	1 38	14 57	1 50	3 17	0 35	13 20	1 51	4 51	10 42	10 12	10 43	18 48			n.a.
S 21	12 15	12 13	4 50	12 47	1 16	21 51	0 14	24 5	0 27	1 50	1 38	14 55	1 50	3 18	0 35	13 20	1 51	4 51	10 42	10 9	10 41	18 47			n.a.
S 22	11 54	8 4	4 16	11 56	1 8	21 41	0 17	24 8	0 29	1 48	1 38	14 52	1 50	3 19	0 35	13 20	1 51	4 52	10 42	10 6	10 40	18 46			n.a.
M23	11 33	3 32	3 27	11 3	1 0	21 30	0 20	24 10	0 30	1 46	1 38	14 50	1 50	3 20	0 35	13 20	1 51	4 52	10 42	10 3	10 39	18 46			n.a.
T 24	11 12	1n 6	2 26	10 10	0 51	21 19	0 23	24 13	0 31	1 44	1 38	14 47	1 50	3 21	0 35	13 20	1 51	4 53	10 41	10 1	10 38	18 45			n.a.
W25	10 50	5 33	1 18	9 15	0 42	21 7	0 26	24 15	0 32	1 42	1 38	14 45	1 50	3 23	0 35	13 19	1 51	4 53	10 41	10 0	10 37	18 45			n.a.
T 26	10 29	9 34	0 8	8 19	0 32	20 55	0 29	24 16	0 33	1 40	1 39	14 42	1 50	3 24	0 35	13 19	1 52	4 54	10 41	9 59	10 36	18 44			n.a.
F 27	10 7	13 1	1s 1	7 23	0 21	20 42	0 32	24 18	0 34	1 37	1 39	14 40	1 50	3 25	0 35	13 19	1 52	4 54	10 41	9 59	10 35	18 43			n.a.
S 28	9s45	15n47	2s 5	6s26	0s11	20s28	0s35	24s19	0s35	1s35	1n39	14s37	1s50	3n26	0s35	13s19	1n52	4n54	10s40	10s 0	10s33	18n43			n.a.

Julian Day Number = 1600191.5, Delta T = 03h59m39s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'17, Lahiri = - 8°32'16 Julian Calendar 1 Feb. 332 BCE == Greg. Calendar 27 Jan. 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

MARCH 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 16 14	6♓ 4'56	1♊31	16♓17	3♒26	0♑38	7°R38	26♒27	9♈57	10°R16	10♉10	25°R34	27♎ 1	7♋13	n.a.	S 1
M 2	10 20 11	7° 3'59	13°31	18°16	4°39	1°21	7♎32	26°35	10° 0	10♏15	10°11	25♎34	26°58	7°19	n.a.	M 2
T 3	10 24 7	8° 2'59	25°23	20°13	5°51	2° 5	7°26	26°42	10° 3	10°15	10°12	25°32	26°55	7°26	n.a.	T 3
W 4	10 28 4	9° 1'56	7♋14	22° 8	7° 4	2°48	7°20	26°50	10° 6	10°14	10°12	25°28	26°52	7°33	n.a.	W 4
T 5	10 32 0	10° 0'52	19° 8	24° 1	8°16	3°32	7°15	26°57	10° 9	10°14	10°13	25°23	26°49	7°39	n.a.	T 5
F 6	10 35 57	10°59'45	1♌ 9	25°51	9°29	4°15	7° 8	27° 5	10°12	10°13	10°14	25°16	26°46	7°46	n.a.	F 6
S 7	10 39 53	11°58'35	13°18	27°38	10°41	4°58	7° 2	27°12	10°15	10°13	10°15	25° 8	26°42	7°53	n.a.	S 7
S 8	10 43 50	12°57'24	25°39	29°21	11°54	5°42	6°56	27°19	10°18	10°12	10°15	25° 0	26°39	8° 0	n.a.	S 8
M 9	10 47 46	13°56'10	8♍12	1♈ 0	13° 6	6°25	6°49	27°27	10°22	10°11	10°16	24°53	26°36	8° 6	n.a.	M 9
T 10	10 51 43	14°54'54	20°57	2°35	14°19	7° 9	6°43	27°34	10°25	10°11	10°17	24°47	26°33	8°13	n.a.	T 10
W11	10 55 39	15°53'36	3♎56	4° 6	15°31	7°52	6°36	27°41	10°28	10°10	10°18	24°43	26°30	8°20	n.a.	W11
T 12	10 59 36	16°52'16	17° 6	5°32	16°44	8°36	6°30	27°49	10°31	10° 9	10°19	24°42	26°26	8°26	n.a.	T 12
F 13	11 3 33	17°50'54	0♏29	6°53	17°57	9°19	6°23	27°56	10°34	10° 8	10°20	24°D41	26°23	8°33	n.a.	F 13
S 14	11 7 29	18°49'30	14° 3	8° 9	19° 9	10° 2	6°16	28° 3	10°38	10° 7	10°21	24°42	26°20	8°40	n.a.	S 14
S 15	11 11 26	19°48'05	27°48	9°20	20°22	10°46	6° 9	28°11	10°41	10° 7	10°22	24°44	26°17	8°47	n.a.	S 15
M16	11 15 22	20°46'38	11♐44	10°25	21°35	11°29	6° 2	28°18	10°44	10° 6	10°23	24°45	26°14	8°53	n.a.	M16
T 17	11 19 19	21°45'09	25°50	11°25	22°47	12°13	5°55	28°25	10°48	10° 5	10°23	24°R45	26°11	9° 0	n.a.	T 17
W18	11 23 15	22°43'38	10♑ 6	12°19	24° 0	12°56	5°47	28°32	10°51	10° 4	10°24	24°44	26° 7	9° 7	n.a.	W18
T 19	11 27 12	23°42'06	24°28	13° 7	25°13	13°40	5°40	28°39	10°54	10° 3	10°25	24°42	26° 4	9°13	n.a.	T 19
F 20	11 31 8	24°40'32	8♒53	13°50	26°25	14°23	5°33	28°46	10°58	10° 2	10°26	24°38	26° 1	9°20	n.a.	F 20
S 21	11 35 5	25°38'56	23°16	14°27	27°38	15° 6	5°25	28°53	11° 1	10° 1	10°27	24°34	25°58	9°27	n.a.	S 21
S 22	11 39 2	26°37'19	7♓32	14°58	28°51	15°50	5°18	29° 0	11° 4	10° 0	10°28	24°30	25°55	9°34	n.a.	S 22
M23	11 42 58	27°35'39	21°35	15°23	0♓ 4	16°33	5°10	29° 7	11° 8	9°59	10°30	24°26	25°52	9°40	n.a.	M23
T 24	11 46 55	28°33'58	5♈22	15°42	1°16	17°16	5° 3	29°14	11°11	9°58	10°31	24°24	25°48	9°47	n.a.	T 24
W25	11 50 51	29°32'15	18°50	15°55	2°29	18° 0	4°55	29°21	11°14	9°57	10°32	24°D23	25°45	9°54	n.a.	W25
T 26	11 54 48	0♈30'30	1♉57	16° 3	3°42	18°43	4°48	29°28	11°18	9°55	10°33	24°23	25°42	10° 0	n.a.	T 26
F 27	11 58 44	1°28'42	14°43	16°R 5	4°55	19°26	4°40	29°35	11°21	9°54	10°34	24°24	25°39	10° 7	n.a.	F 27
S 28	12 2 41	2°26'53	27°11	16° 1	6° 7	20°10	4°32	29°42	11°25	9°53	10°35	24°25	25°36	10°14	n.a.	S 28
S 29	12 6 37	3°25'02	9♊24	15°53	7°20	20°53	4°25	29°48	11°28	9°52	10°36	24°27	25°32	10°21	n.a.	S 29
M30	12 10 34	4°23'08	21°25	15°39	8°33	21°36	4°17	29°55	11°31	9°51	10°37	24°28	25°29	10°27	n.a.	M30
T 31	12 14 30	5♈21'13	3♋20	15♈20	9♓46	22♑19	4♎ 9	0♓ 2	11♈35	9♏49	10♉38	24°R29	25♎26	10♋34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	9s23	17n45	3s 1	5s28	0n 0	20s14	0s37	24s20	0s36	1s33	1n39	14s35	1s50	3n27	0s35	13s19	1n52	4n55	10s40	10s 0	10s32	18n42			n.a.
M 2	9 1	18 54	3 49	4 31	0 12	19 59	0 40	24 21	0 37	1 30	1 39	14 32	1 51	3 29	0 35	13 19	1 52	4 55	10 40	10 0	10 31	18 41			n.a.
T 3	8 39	19 12	4 27	3 34	0 24	19 44	0 43	24 22	0 39	1 28	1 39	14 30	1 51	3 30	0 35	13 18	1 52	4 56	10 40	10 0	10 30	18 41			n.a.
W 4	8 17	18 40	4 53	2 37	0 35	19 28	0 45	24 22	0 40	1 26	1 40	14 27	1 51	3 31	0 35	13 18	1 52	4 56	10 39	9 58	10 29	18 40			n.a.
T 5	7 54	17 18	5 6	1 41	0 47	19 11	0 48	24 22	0 41	1 23	1 40	14 25	1 51	3 32	0 35	13 18	1 52	4 57	10 39	9 56	10 28	18 39			n.a.
F 6	7 32	15 10	5 6	0 46	0 59	18 54	0 50	24 22	0 42	1 21	1 40	14 22	1 51	3 34	0 35	13 18	1 52	4 57	10 39	9 53	10 26	18 39			n.a.
S 7	7 9	12 21	4 53	0n 8	1 11	18 37	0 53	24 22	0 43	1 18	1 40	14 20	1 51	3 35	0 35	13 17	1 52	4 58	10 39	9 50	10 25	18 38			n.a.
S 8	6 46	8 58	4 26	1 0	1 23	18 19	0 55	24 21	0 44	1 15	1 40	14 17	1 51	3 36	0 35	13 17	1 52	4 58	10 38	9 48	10 24	18 37			n.a.
M 9	6 24	5 7	3 45	1 51	1 35	18 0	0 57	24 20	0 46	1 13	1 40	14 15	1 51	3 37	0 35	13 17	1 52	4 58	10 38	9 45	10 23	18 37			n.a.
T 10	6 1	0 59	2 53	2 39	1 46	17 41	1 0	24 19	0 47	1 10	1 40	14 12	1 51	3 39	0 34	13 17	1 52	4 59	10 38	9 43	10 22	18 36			n.a.
W11	5 38	3s16	1 50	3 26	1 56	17 22	1 2	24 18	0 48	1 7	1 40	14 10	1 51	3 40	0 34	13 16	1 52	4 59	10 38	9 41	10 21	18 35			n.a.
T 12	5 15	7 26	0 41	4 9	2 7	17 2	1 4	24 16	0 49	1 4	1 40	14 7	1 51	3 41	0 34	13 16	1 52	5 0	10 38	9 41	10 19	18 35			n.a.
F 13	4 52	11 17	0n31	4 51	2 16	16 41	1 6	24 14	0 50	1 2	1 41	14 5	1 52	3 43	0 34	13 16	1 52	5 0	10 37	9 41	10 18	18 34			n.a.
S 14	4 28	14 36	1 44	5 30	2 26	16 20	1 8	24 12	0 52	0 59	1 41	14 2	1 52	3 44	0 34	13 15	1 52	5 1	10 37	9 41	10 17	18 33			n.a.
S 15	4 5	17 8	2 51	6 5	2 34	15 59	1 10	24 10	0 53	0 56	1 41	14 0	1 52	3 45	0 34	13 15	1 52	5 1	10 37	9 42	10 16	18 32			n.a.
M16	3 42	18 42	3 49	6 38	2 41	15 37	1 12	24 8	0 54	0 53	1 41	13 57	1 52	3 46	0 34	13 15	1 52	5 2	10 37	9 42	10 15	18 32			n.a.
T 17	3 19	19 7	4 34	7 8	2 48	15 14	1 13	24 5	0 55	0 50	1 41	13 55	1 52	3 48	0 34	13 14	1 52	5 2	10 36	9 42	10 14	18 31			n.a.
W18	2 55	18 19	5 2	7 35	2 54	14 52	1 15	24 2	0 57	0 47	1 41	13 53	1 52	3 49	0 34	13 14	1 53	5 3	10 36	9 42	10 12	18 30			n.a.
T 19	2 32	16 22	5 12	7 59	2 59	14 29	1 17	23 59	0 58	0 44	1 41	13 50	1 52	3 50	0 34	13 14	1 53	5 3	10 36	9 41	10 11	18 30			n.a.
F 20	2 8	13 23	5 3	8 19	3 3	14 5	1 18	23 56	0 59	0 41	1 41	13 48	1 52	3 52	0 34	13 13	1 53	5 4	10 36	9 39	10 10	18 29			n.a.
S 21	1 45	9 37	4 34	8 36	3 6	13 41	1 20	23 52	1 0	0 38	1 41	13 45	1 52	3 53	0 34	13 13	1 53	5 4	10 36	9 38	10 9	18 28			n.a.
S 22	1 22	5 19	3 49	8 50	3 7	13 17	1 21	23 48	1 2	0 35	1 41	13 43	1 53	3 54	0 34	13 13	1 53	5 5	10 35	9 36	10 8	18 28			n.a.
M23	0 58	0 46	2 50	9 0	3 8	12 52	1 23	23 44	1 3	0 32	1 41	13 41	1 53	3 56	0 34	13 12	1 53	5 5	10 35	9 35	10 7	18 27			n.a.
T 24	0 35	3n43	1 42	9 7	3 7	12 27	1 24	23 40	1 4	0 29	1 41	13 38	1 53	3 57	0 34	13 12	1 53	5 6	10 35	9 34	10 5	18 26			n.a.
W25	0 11	7 56	0 30	9 11	3 5	12 2	1 25	23 35	1 5	0 26	1 41	13 36	1 53	3 58	0 34	13 12	1 53	5 6	10 35	9 34	10 4	18 25			n.a.
T 26	0n12	11 39	0s42	9 11	3 2	11 37	1 26	23 31	1 7	0 23	1 41	13 34	1 53	4 0	0 34	13 11	1 53	5 7	10 35	9 34	10 3	18 25			n.a.
F 27	0 36	14 42	1 50	9 7	2 57	11 11	1 27	23 26	1 8	0 20	1 41	13 31	1 53	4 1	0 34	13 11	1 53	5 7	10 35	9 34	10 2	18 24			n.a.
S 28	0 59	17 0	2 51	9 0	2 51	10 44	1 28	23 21	1 9	0 17	1 41	13 29	1 53	4 3	0 34	13 10	1 53	5 8	10 34	9 35	10 1	18 23			n.a.
S 29	1 22	18 27	3 43	8 50	2 44	10 18	1 29	23 15	1 11	0 14	1 41	13 27	1 54	4 4	0 34	13 10	1 53	5 8	10 34	9 35	10 0	18 22			n.a.
M30	1 46	19 3	4 25	8 37	2 36	9 51	1 30	23 10	1 12	0 11	1 41	13 25	1 54	4 5	0 34	13 10	1 53	5 9	10 34	9 36	9 58	18 22			n.a.
T 31	2n 9	18n47	4s54	8n21	2n26	9s24	1s31	23s 4	1s13	0s 8	1n41	13s22	1s54	4n 7	0s34	13s 9	1n53	5n 9	10s34	9s36	9s57	18n21			n.a.

Julian Day Number = 1600219.5, Delta T = 03h59m38s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'13, Lahiri = - 8°32'12 Julian Calendar 1 March 332 BCE == Greg. Calendar 24 Feb. 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

APRIL 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 18 27	6♈19'16	15♋13	14°R58	10♓59	23♉ 3	4°R 2	0♓ 8	11♈38	9°R48	10♉40	24°R28	25♎23	10♋41	n.a.	W 1
T 2	12 22 24	7°17'16	27° 9	14♈31	12°11	23°46	3♎54	0°15	11°42	9♏47	10°41	24♎27	25°20	10°47	n.a.	T 2
F 3	12 26 20	8°15'15	9♌11	14° 2	13°24	24°29	3°46	0°21	11°45	9°46	10°42	24°26	25°17	10°54	n.a.	F 3
S 4	12 30 17	9°13'11	21°24	13°29	14°37	25°12	3°39	0°28	11°49	9°44	10°43	24°24	25°13	11° 1	n.a.	S 4
S 5	12 34 13	10°11'06	3♍52	12°55	15°50	25°55	3°31	0°34	11°52	9°43	10°44	24°21	25°10	11° 8	n.a.	S 5
M 6	12 38 10	11° 8'59	16°35	12°19	17° 3	26°38	3°24	0°41	11°56	9°41	10°46	24°20	25° 7	11°14	n.a.	M 6
T 7	12 42 6	12° 6'50	29°36	11°42	18°16	27°21	3°16	0°47	11°59	9°40	10°47	24°18	25° 4	11°21	n.a.	T 7
W 8	12 46 3	13° 4'39	12♎54	11° 4	19°28	28° 4	3° 9	0°53	12° 2	9°39	10°48	24°17	25° 1	11°28	n.a.	W 8
T 9	12 49 59	14° 2'27	26°28	10°28	20°41	28°47	3° 1	1° 0	12° 6	9°37	10°49	24°D17	24°57	11°34	n.a.	T 9
F 10	12 53 56	15° 0'13	10♏17	9°52	21°54	29°30	2°54	1° 6	12° 9	9°36	10°50	24°17	24°54	11°41	n.a.	F 10
S 11	12 57 53	15°57'58	24°16	9°18	23° 7	0♒13	2°47	1°12	12°13	9°34	10°52	24°18	24°51	11°48	n.a.	S 11
S 12	13 1 49	16°55'42	8♐25	8°47	24°20	0°56	2°39	1°18	12°16	9°33	10°53	24°19	24°48	11°55	n.a.	S 12
M13	13 5 46	17°53'24	22°38	8°18	25°33	1°39	2°32	1°24	12°20	9°32	10°54	24°19	24°45	12° 1	n.a.	M13
T 14	13 9 42	18°51'06	6♑54	7°52	26°46	2°21	2°25	1°30	12°23	9°30	10°56	24°20	24°42	12° 8	n.a.	T 14
W15	13 13 39	19°48'46	21° 8	7°30	27°59	3° 4	2°18	1°36	12°27	9°29	10°57	24°R20	24°38	12°15	n.a.	W15
T 16	13 17 35	20°46'25	5♒20	7°12	29°12	3°47	2°11	1°42	12°30	9°27	10°58	24°20	24°35	12°22	n.a.	T 16
F 17	13 21 32	21°44'03	19°26	6°58	0♈25	4°30	2° 4	1°47	12°33	9°26	10°59	24°20	24°32	12°28	n.a.	F 17
S 18	13 25 28	22°41'39	3♓24	6°48	1°37	5°12	1°57	1°53	12°37	9°24	11° 1	24°19	24°29	12°35	n.a.	S 18
S 19	13 29 25	23°39'15	17°12	6°43	2°50	5°55	1°51	1°59	12°40	9°23	11° 2	24°19	24°26	12°42	n.a.	S 19
M20	13 33 22	24°36'49	0♈48	6°D42	4° 3	6°37	1°44	2° 4	12°44	9°21	11° 3	24°D19	24°23	12°48	n.a.	M20
T 21	13 37 18	25°34'22	14°10	6°45	5°16	7°20	1°37	2°10	12°47	9°19	11° 5	24°19	24°19	12°55	n.a.	T 21
W22	13 41 15	26°31'54	27°18	6°53	6°29	8° 2	1°31	2°15	12°50	9°18	11° 6	24°R19	24°16	13° 2	n.a.	W22
T 23	13 45 11	27°29'25	10♉10	7° 6	7°42	8°44	1°25	2°21	12°54	9°16	11° 7	24°19	24°13	13° 9	n.a.	T 23
F 24	13 49 8	28°26'55	22°46	7°23	8°55	9°27	1°19	2°26	12°57	9°15	11° 9	24°19	24°10	13°15	n.a.	F 24
S 25	13 53 4	29°24'23	5♊ 9	7°45	10° 8	10° 9	1°13	2°31	13° 1	9°13	11°10	24°18	24° 7	13°22	n.a.	S 25
S 26	13 57 1	0♉21'50	17°20	8°10	11°21	10°51	1° 7	2°37	13° 4	9°12	11°12	24°18	24° 3	13°29	n.a.	S 26
M27	14 0 57	1°19'16	29°21	8°40	12°34	11°33	1° 1	2°42	13° 7	9°10	11°13	24°17	24° 0	13°35	n.a.	M27
T 28	14 4 54	2°16'40	11♋16	9°14	13°48	12°15	0°55	2°47	13°11	9° 8	11°14	24°16	23°57	13°42	n.a.	T 28
W29	14 8 51	3°14'04	23° 9	9°53	15° 1	12°57	0°50	2°52	13°14	9° 7	11°16	24°15	23°54	13°49	n.a.	W29
T 30	14 12 47	4♉11'25	5♌ 4	10♈35	16♈14	13♒39	0♎44	2♓57	13♈17	9♏ 5	11♉17	24°D15	23♎51	13♋56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n32	17n42	5s11	8n 2	2n15	8s57	1s32	22s58	1s15	0s 5	1n41	13s20	1s54	4n 8	0s34	13s 9	1n53	5n10	10s34	9s36	9s56	18n20		n.a.
T 2	2 56	15 50	5 15	7 40	2 3	8 29	1 32	22 52	1 16	0 2	1 41	13 18	1 54	4 9	0 34	13 8	1 53	5 10	10 33	9 35	9 55	18 19		n.a.
F 3	3 19	13 16	5 5	7 17	1 49	8 2	1 33	22 45	1 17	0n 1	1 41	13 16	1 54	4 11	0 34	13 8	1 53	5 11	10 33	9 35	9 54	18 19		n.a.
S 4	3 42	10 6	4 41	6 51	1 35	7 34	1 33	22 39	1 19	0 4	1 41	13 14	1 55	4 12	0 34	13 7	1 53	5 11	10 33	9 34	9 53	18 18		n.a.
S 5	4 5	6 26	4 4	6 23	1 20	7 5	1 34	22 32	1 20	0 7	1 41	13 11	1 55	4 14	0 34	13 7	1 53	5 12	10 33	9 33	9 51	18 17		n.a.
M 6	4 28	2 23	3 14	5 54	1 4	6 37	1 34	22 25	1 21	0 10	1 40	13 9	1 55	4 15	0 34	13 6	1 53	5 12	10 33	9 33	9 50	18 16		n.a.
T 7	4 51	1s52	2 12	5 25	0 48	6 9	1 34	22 18	1 23	0 13	1 40	13 7	1 55	4 16	0 34	13 6	1 53	5 13	10 33	9 32	9 49	18 16		n.a.
W 8	5 13	6 7	1 3	4 55	0 31	5 40	1 35	22 10	1 24	0 16	1 40	13 5	1 55	4 18	0 34	13 5	1 53	5 13	10 33	9 32	9 48	18 15		n.a.
T 9	5 36	10 9	0n12	4 25	0 14	5 11	1 35	22 3	1 25	0 19	1 40	13 3	1 55	4 19	0 34	13 5	1 53	5 14	10 32	9 32	9 47	18 14		n.a.
F 10	5 59	13 42	1 27	3 55	0s 3	4 42	1 35	21 55	1 27	0 22	1 40	13 1	1 56	4 20	0 34	13 5	1 53	5 14	10 32	9 32	9 45	18 13		n.a.
S 11	6 21	16 31	2 39	3 26	0 20	4 13	1 35	21 47	1 28	0 25	1 40	12 59	1 56	4 22	0 34	13 4	1 53	5 15	10 32	9 32	9 44	18 13		n.a.
S 12	6 44	18 21	3 41	2 58	0 36	3 44	1 35	21 39	1 29	0 27	1 40	12 57	1 56	4 23	0 34	13 4	1 53	5 15	10 32	9 32	9 43	18 12		n.a.
M13	7 6	19 2	4 30	2 31	0 53	3 14	1 35	21 31	1 31	0 30	1 40	12 55	1 56	4 24	0 34	13 3	1 53	5 16	10 32	9 33	9 42	18 11		n.a.
T 14	7 28	18 31	5 2	2 7	1 9	2 45	1 34	21 22	1 32	0 33	1 40	12 53	1 56	4 26	0 34	13 3	1 53	5 16	10 32	9 33	9 41	18 10		n.a.
W15	7 50	16 50	5 16	1 44	1 24	2 15	1 34	21 14	1 33	0 36	1 39	12 51	1 56	4 27	0 34	13 2	1 53	5 17	10 32	9 33	9 40	18 9		n.a.
T 16	8 12	14 8	5 11	1 23	1 38	1 45	1 34	21 5	1 35	0 38	1 39	12 49	1 57	4 29	0 34	13 2	1 53	5 17	10 32	9 33	9 38	18 9		n.a.
F 17	8 34	10 38	4 47	1 5	1 52	1 16	1 33	20 56	1 36	0 41	1 39	12 47	1 57	4 30	0 34	13 1	1 53	5 18	10 31	9 33	9 37	18 8		n.a.
S 18	8 56	6 33	4 6	0 49	2 5	0 46	1 33	20 47	1 38	0 43	1 39	12 45	1 57	4 31	0 34	13 1	1 53	5 19	10 31	9 33	9 36	18 7		n.a.
S 19	9 18	2 11	3 12	0 36	2 17	0 16	1 32	20 37	1 39	0 46	1 39	12 43	1 57	4 33	0 34	13 0	1 53	5 19	10 31	9 32	9 35	18 6		n.a.
M20	9 39	2n15	2 7	0 26	2 28	0n14	1 32	20 28	1 40	0 48	1 39	12 41	1 57	4 34	0 34	13 0	1 53	5 20	10 31	9 32	9 34	18 5		n.a.
T 21	10 0	6 31	0 56	0 18	2 38	0 44	1 31	20 18	1 42	0 51	1 38	12 40	1 58	4 35	0 34	12 59	1 53	5 20	10 31	9 32	9 33	18 5		n.a.
W22	10 21	10 23	0s16	0 13	2 47	1 14	1 30	20 8	1 43	0 53	1 38	12 38	1 58	4 37	0 34	12 59	1 53	5 20	10 31	9 32	9 31	18 4		n.a.
T 23	10 42	13 40	1 27	0 11	2 55	1 44	1 30	19 59	1 45	0 56	1 38	12 36	1 58	4 38	0 34	12 58	1 54	5 21	10 31	9 32	9 30	18 3		n.a.
F 24	11 3	16 15	2 31	0 11	3 2	2 13	1 29	19 48	1 46	0 58	1 38	12 34	1 58	4 39	0 34	12 58	1 54	5 21	10 31	9 32	9 29	18 2		n.a.
S 25	11 24	18 1	3 27	0 14	3 8	2 43	1 28	19 38	1 47	1 0	1 38	12 32	1 59	4 41	0 34	12 57	1 54	5 22	10 31	9 32	9 28	18 1		n.a.
S 26	11 44	18 55	4 13	0 20	3 13	3 13	1 27	19 28	1 49	1 2	1 37	12 31	1 59	4 42	0 34	12 57	1 54	5 22	10 31	9 32	9 27	18 0		n.a.
M27	12 5	18 57	4 47	0 28	3 17	3 43	1 26	19 17	1 50	1 5	1 37	12 29	1 59	4 43	0 34	12 56	1 54	5 23	10 30	9 32	9 25	18 0		n.a.
T 28	12 25	18 8	5 9	0 38	3 20	4 12	1 25	19 7	1 52	1 7	1 37	12 27	1 59	4 44	0 34	12 56	1 54	5 23	10 30	9 31	9 24	17 59		n.a.
W29	12 45	16 31	5 17	0 51	3 23	4 42	1 23	18 56	1 53	1 9	1 37	12 26	1 59	4 46	0 34	12 55	1 54	5 24	10 30	9 31	9 23	17 58		n.a.
T 30	13n 4	14n12	5s11	1n 7	3s24	5n12	1s22	18s45	1s54	1n11	1n37	12s24	2s 0	4n47	0s34	12s54	1n54	5n24	10s30	9s31	9s22	17n57		n.a.

Julian Day Number = 1600250.5, Delta T = 03h59m37s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'08, Lahiri = - 8°32'08 Julian Calendar 1 Apr. 332 BCE == Greg. Calendar 27 March 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

MAY 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 16 44	5♉ 8'46	17♌ 6	11♈20	17♈27	14♒21	0°R39	3♓ 1	13♈20	9°R 3	11♉18	24♎16	23♎48	14♋ 2	n.a.	F 1
S 2	14 20 40	6° 6'05	29°19	12°10	18°40	15° 3	0♎34	3° 6	13°24	9♏ 2	11°20	24°16	23°44	14° 9	n.a.	S 2
S 3	14 24 37	7° 3'23	11♍49	13° 3	19°53	15°45	0°29	3°11	13°27	9° 0	11°21	24°17	23°41	14°16	n.a.	S 3
M 4	14 28 33	8° 0'40	24°37	14° 0	21° 6	16°26	0°24	3°16	13°30	8°59	11°22	24°18	23°38	14°23	n.a.	M 4
T 5	14 32 30	8°57'56	7♎46	15° 0	22°19	17° 8	0°19	3°20	13°33	8°57	11°24	24°19	23°35	14°29	n.a.	T 5
W 6	14 36 26	9°55'11	21°18	16° 3	23°32	17°49	0°15	3°25	13°36	8°55	11°25	24°R20	23°32	14°36	n.a.	W 6
T 7	14 40 23	10°52'25	5♏12	17°10	24°45	18°31	0°11	3°29	13°40	8°54	11°27	24°20	23°28	14°43	n.a.	T 7
F 8	14 44 19	11°49'38	19°25	18°20	25°58	19°12	0° 6	3°33	13°43	8°52	11°28	24°19	23°25	14°49	n.a.	F 8
S 9	14 48 16	12°46'51	3♐52	19°33	27°12	19°53	0° 2	3°37	13°46	8°51	11°29	24°17	23°22	14°56	n.a.	S 9
S 10	14 52 13	13°44'03	18°28	20°50	28°25	20°34	29♍58	3°42	13°49	8°49	11°31	24°14	23°19	15° 3	n.a.	S 10
M11	14 56 9	14°41'14	3♑ 6	22° 9	29°38	21°15	29°55	3°46	13°52	8°47	11°32	24°12	23°16	15°10	n.a.	M11
T 12	15 0 6	15°38'25	17°40	23°31	0♉51	21°56	29°51	3°50	13°55	8°46	11°34	24°10	23°13	15°16	n.a.	T 12
W13	15 4 2	16°35'36	2♒ 5	24°57	2° 4	22°37	29°48	3°53	13°58	8°44	11°35	24° 8	23° 9	15°23	n.a.	W13
T 14	15 7 59	17°32'46	16°17	26°25	3°17	23°18	29°45	3°57	14° 1	8°43	11°36	24°D 7	23° 6	15°30	n.a.	T 14
F 15	15 11 55	18°29'56	0♓15	27°57	4°31	23°59	29°41	4° 1	14° 4	8°41	11°38	24° 8	23° 3	15°36	n.a.	F 15
S 16	15 15 52	19°27'06	13°56	29°31	5°44	24°39	29°39	4° 5	14° 7	8°39	11°39	24° 9	23° 0	15°43	n.a.	S 16
S 17	15 19 49	20°24'16	27°23	1♉ 8	6°57	25°20	29°36	4° 8	14°10	8°38	11°40	24°10	22°57	15°50	n.a.	S 17
M18	15 23 45	21°21'25	10♈35	2°48	8°10	26° 0	29°33	4°12	14°13	8°36	11°42	24°12	22°54	15°57	n.a.	M18
T 19	15 27 42	22°18'34	23°34	4°31	9°24	26°40	29°31	4°15	14°16	8°35	11°43	24°R12	22°50	16° 3	n.a.	T 19
W20	15 31 38	23°15'43	6♉20	6°17	10°37	27°20	29°29	4°18	14°19	8°33	11°45	24°12	22°47	16°10	n.a.	W20
T 21	15 35 35	24°12'52	18°54	8° 6	11°50	28° 0	29°27	4°21	14°22	8°32	11°46	24°10	22°44	16°17	n.a.	T 21
F 22	15 39 31	25°10'01	1♊17	9°57	13° 4	28°40	29°25	4°25	14°24	8°30	11°47	24° 6	22°41	16°24	n.a.	F 22
S 23	15 43 28	26° 7'09	13°31	11°51	14°17	29°20	29°23	4°28	14°27	8°28	11°49	24° 1	22°38	16°30	n.a.	S 23
S 24	15 47 24	27° 4'17	25°35	13°47	15°30	29°59	29°22	4°30	14°30	8°27	11°50	23°56	22°34	16°37	n.a.	S 24
M25	15 51 21	28° 1'24	7♋33	15°46	16°44	0♓39	29°21	4°33	14°33	8°25	11°51	23°50	22°31	16°44	n.a.	M25
T 26	15 55 18	28°58'31	19°27	17°46	17°57	1°18	29°19	4°36	14°35	8°24	11°53	23°44	22°28	16°50	n.a.	T 26
W27	15 59 14	29°55'38	1♌18	19°49	19°11	1°57	29°19	4°39	14°38	8°22	11°54	23°40	22°25	16°57	n.a.	W27
T 28	16 3 11	0♊52'45	13°12	21°54	20°24	2°36	29°18	4°41	14°41	8°21	11°55	23°37	22°22	17° 4	n.a.	T 28
F 29	16 7 7	1°49'51	25°12	24° 0	21°37	3°15	29°17	4°44	14°43	8°20	11°57	23°35	22°19	17°11	n.a.	F 29
S 30	16 11 4	2°46'56	7♍24	26° 8	22°51	3°54	29°17	4°46	14°46	8°18	11°58	23°D35	22°15	17°17	n.a.	S 30
S 31	16 15 0	3♊44'02	19♍50	28♉17	24♉ 4	4♓33	29♍17	4♓48	14♈48	8♏17	11♉59	23♎36	22♎12	17♋24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n24	11n16	4s52	1n24	3s25	5n41	1s21	18s34	1s56	1n13	1n36	12s23	2s 0	4n48	0s34	12s54	1n54	5n25	10s30	9s31	9s21	17n56		n.a.
S 2	13 43	7 48	4 19	1 44	3 25	6 10	1 20	18 23	1 57	1 14	1 36	12 21	2 0	4 50	0 34	12 53	1 54	5 25	10 30	9 31	9 19	17 56		n.a.
S 3	14 2	3 55	3 34	2 6	3 24	6 40	1 18	18 12	1 59	1 16	1 36	12 20	2 0	4 51	0 34	12 53	1 54	5 26	10 30	9 32	9 18	17 55		n.a.
M 4	14 21	0s14	2 37	2 29	3 22	7 9	1 17	18 0	2 0	1 18	1 36	12 18	2 1	4 52	0 34	12 52	1 54	5 26	10 30	9 32	9 17	17 54		n.a.
T 5	14 40	4 30	1 30	2 55	3 19	7 38	1 15	17 49	2 1	1 20	1 35	12 17	2 1	4 53	0 34	12 52	1 54	5 27	10 30	9 33	9 16	17 53		n.a.
W 6	14 58	8 40	0 17	3 23	3 16	8 6	1 14	17 37	2 3	1 21	1 35	12 15	2 1	4 55	0 34	12 51	1 54	5 27	10 30	9 33	9 15	17 52		n.a.
T 7	15 16	12 29	1n 0	3 52	3 12	8 35	1 12	17 26	2 4	1 23	1 35	12 14	2 1	4 56	0 34	12 51	1 54	5 28	10 30	9 33	9 14	17 51		n.a.
F 8	15 34	15 39	2 14	4 23	3 7	9 3	1 11	17 14	2 6	1 24	1 35	12 13	2 1	4 57	0 34	12 50	1 54	5 28	10 30	9 32	9 12	17 50		n.a.
S 9	15 52	17 53	3 21	4 56	3 2	9 32	1 9	17 2	2 7	1 25	1 34	12 11	2 2	4 58	0 34	12 50	1 54	5 28	10 30	9 32	9 11	17 50		n.a.
S 10	16 9	18 59	4 16	5 31	2 56	10 0	1 7	16 50	2 8	1 27	1 34	12 10	2 2	4 59	0 34	12 49	1 53	5 29	10 30	9 31	9 10	17 49		n.a.
M11	16 26	18 48	4 54	6 6	2 50	10 28	1 5	16 38	2 10	1 28	1 34	12 9	2 2	5 1	0 34	12 49	1 53	5 29	10 30	9 30	9 9	17 48		n.a.
T 12	16 43	17 23	5 13	6 44	2 43	10 55	1 4	16 26	2 11	1 29	1 34	12 7	2 2	5 2	0 34	12 48	1 53	5 30	10 30	9 29	9 8	17 47		n.a.
W13	17 0	14 53	5 12	7 22	2 35	11 22	1 2	16 14	2 13	1 30	1 33	12 6	2 3	5 3	0 34	12 48	1 53	5 30	10 30	9 28	9 6	17 46		n.a.
T 14	17 16	11 31	4 52	8 2	2 27	11 50	1 0	16 2	2 14	1 31	1 33	12 5	2 3	5 4	0 34	12 47	1 53	5 31	10 30	9 28	9 5	17 45		n.a.
F 15	17 33	7 33	4 14	8 43	2 18	12 16	0 58	15 49	2 16	1 32	1 33	12 4	2 3	5 5	0 34	12 47	1 53	5 31	10 30	9 28	9 4	17 44		n.a.
S 16	17 48	3 16	3 23	9 26	2 9	12 43	0 56	15 37	2 17	1 33	1 33	12 3	2 3	5 7	0 34	12 46	1 53	5 32	10 30	9 29	9 3	17 43		n.a.
S 17	18 4	1n 7	2 22	10 9	2 0	13 9	0 54	15 24	2 18	1 34	1 32	12 2	2 4	5 8	0 34	12 46	1 53	5 32	10 30	9 29	9 2	17 43		n.a.
M18	18 19	5 22	1 14	10 53	1 50	13 35	0 52	15 12	2 20	1 35	1 32	12 1	2 4	5 9	0 34	12 45	1 53	5 32	10 30	9 30	9 0	17 42		n.a.
T 19	18 34	9 19	0 4	11 38	1 39	14 1	0 50	14 59	2 21	1 36	1 32	12 0	2 4	5 10	0 34	12 45	1 53	5 33	10 30	9 30	8 59	17 41		n.a.
W20	18 49	12 46	1s 6	12 23	1 29	14 26	0 48	14 46	2 23	1 36	1 31	11 59	2 4	5 11	0 34	12 44	1 53	5 33	10 30	9 30	8 58	17 40		n.a.
T 21	19 3	15 33	2 11	13 9	1 18	14 51	0 46	14 34	2 24	1 37	1 31	11 58	2 5	5 12	0 34	12 44	1 53	5 34	10 30	9 29	8 57	17 39		n.a.
F 22	19 17	17 35	3 9	13 55	1 7	15 16	0 43	14 21	2 25	1 37	1 31	11 57	2 5	5 13	0 34	12 43	1 53	5 34	10 30	9 28	8 56	17 38		n.a.
S 23	19 31	18 47	3 57	14 42	0 56	15 40	0 41	14 8	2 27	1 38	1 30	11 56	2 5	5 14	0 34	12 43	1 53	5 34	10 30	9 26	8 54	17 37		n.a.
S 24	19 45	19 6	4 34	15 28	0 44	16 4	0 39	13 55	2 28	1 38	1 30	11 55	2 6	5 15	0 34	12 42	1 53	5 35	10 30	9 24	8 53	17 36		n.a.
M25	19 58	18 33	4 59	16 14	0 33	16 27	0 37	13 42	2 30	1 38	1 30	11 54	2 6	5 16	0 34	12 42	1 53	5 35	10 30	9 22	8 52	17 35		n.a.
T 26	20 11	17 11	5 10	17 0	0 22	16 50	0 35	13 29	2 31	1 38	1 30	11 54	2 6	5 18	0 34	12 42	1 53	5 35	10 30	9 20	8 51	17 35		n.a.
W27	20 23	15 6	5 8	17 45	0 10	17 13	0 32	13 16	2 32	1 38	1 29	11 53	2 6	5 19	0 34	12 41	1 53	5 36	10 30	9 18	8 50	17 34		n.a.
T 28	20 35	12 23	4 53	18 29	0n 1	17 35	0 30	13 3	2 34	1 38	1 29	11 52	2 7	5 20	0 34	12 41	1 53	5 36	10 30	9 17	8 49	17 33		n.a.
F 29	20 47	9 7	4 25	19 11	0 12	17 57	0 28	12 50	2 35	1 38	1 29	11 51	2 7	5 21	0 34	12 40	1 53	5 37	10 30	9 16	8 47	17 32		n.a.
S 30	20 58	5 26	3 45	19 53	0 22	18 18	0 25	12 37	2 37	1 38	1 28	11 51	2 7	5 22	0 34	12 40	1 53	5 37	10 30	9 16	8 46	17 31		n.a.
S 31	21n 9	1n25	2s53	20n33	0n32	18n39	0s23	12s24	2s38	1n38	1n28	11s50	2s 7	5n23	0s34	12s39	1n53	5n37	10s30	9s16	8s45	17n30		n.a.

Julian Day Number = 1600280.5, Delta T = 03h59m36s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'04, Lahiri = - 8°32'04 Julian Calendar 1 May 332 BCE == Greg. Calendar 26 Apr. 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

JUNE 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 18 57	4♊41'07	2♎37	0♊26	25♉18	5♓11	29°D17	4♓50	14♈51	8°R15	12♉ 0	23♎37	22♎ 9	17♋31	n.a.	M 1
T 2	16 22 53	5°38'12	15°47	2°36	26°31	5°49	29♍17	4°52	14°53	8♏14	12° 2	23°38	22° 6	17°38	n.a.	T 2
W 3	16 26 50	6°35'17	29°24	4°46	27°45	6°28	29°17	4°54	14°56	8°12	12° 3	23°R39	22° 3	17°44	n.a.	W 3
T 4	16 30 47	7°32'22	13♏28	6°56	28°58	7° 5	29°18	4°56	14°58	8°11	12° 4	23°37	22° 0	17°51	n.a.	T 4
F 5	16 34 43	8°29'26	27°57	9° 6	0♊12	7°43	29°18	4°58	15° 1	8°10	12° 6	23°34	21°56	17°58	n.a.	F 5
S 6	16 38 40	9°26'32	12♐45	11°15	1°25	8°21	29°19	5° 0	15° 3	8° 8	12° 7	23°28	21°53	18° 4	n.a.	S 6
S 7	16 42 36	10°23'37	27°45	13°24	2°39	8°58	29°20	5° 1	15° 5	8° 7	12° 8	23°22	21°50	18°11	n.a.	S 7
M 8	16 46 33	11°20'43	12♑47	15°31	3°52	9°36	29°22	5° 3	15° 8	8° 6	12° 9	23°15	21°47	18°18	n.a.	M 8
T 9	16 50 29	12°17'49	27°43	17°37	5° 6	10°13	29°23	5° 4	15°10	8° 5	12°11	23° 8	21°44	18°25	n.a.	T 9
W10	16 54 26	13°14'55	12♒25	19°42	6°20	10°50	29°25	5° 5	15°12	8° 3	12°12	23° 3	21°40	18°31	n.a.	W10
T 11	16 58 23	14°12'03	26°46	21°46	7°33	11°26	29°26	5° 6	15°14	8° 2	12°13	23° 0	21°37	18°38	n.a.	T 11
F 12	17 2 19	15° 9'11	10♓45	23°48	8°47	12° 3	29°28	5° 8	15°16	8° 1	12°14	22°D59	21°34	18°45	n.a.	F 12
S 13	17 6 16	16° 6'19	24°22	25°48	10° 1	12°39	29°31	5° 8	15°18	8° 0	12°15	22°59	21°31	18°51	n.a.	S 13
S 14	17 10 12	17° 3'29	7♈37	27°47	11°14	13°15	29°33	5° 9	15°20	7°58	12°17	23° 0	21°28	18°58	n.a.	S 14
M15	17 14 9	18° 0'39	20°34	29°44	12°28	13°51	29°35	5°10	15°22	7°57	12°18	23°R 0	21°25	19° 5	n.a.	M15
T 16	17 18 5	18°57'50	3♉16	1♋39	13°42	14°27	29°38	5°11	15°24	7°56	12°19	23° 0	21°21	19°12	n.a.	T 16
W17	17 22 2	19°55'01	15°45	3°33	14°56	15° 2	29°41	5°11	15°26	7°55	12°20	22°57	21°18	19°18	n.a.	W17
T 18	17 25 58	20°52'14	28° 3	5°24	16° 9	15°38	29°44	5°12	15°28	7°54	12°21	22°53	21°15	19°25	n.a.	T 18
F 19	17 29 55	21°49'27	10♊14	7°14	17°23	16°13	29°47	5°12	15°30	7°53	12°22	22°45	21°12	19°32	n.a.	F 19
S 20	17 33 52	22°46'41	22°17	9° 2	18°37	16°47	29°50	5°12	15°32	7°52	12°23	22°36	21° 9	19°39	n.a.	S 20
S 21	17 37 48	23°43'56	4♋15	10°49	19°51	17°22	29°54	5°12	15°33	7°51	12°24	22°25	21° 6	19°45	n.a.	S 21
M22	17 41 45	24°41'11	16° 9	12°33	21° 5	17°56	29°57	5°R12	15°35	7°50	12°26	22°13	21° 2	19°52	n.a.	M22
T 23	17 45 41	25°38'27	28° 1	14°16	22°19	18°30	0♎ 1	5°12	15°37	7°49	12°27	22° 2	20°59	19°59	n.a.	T 23
W24	17 49 38	26°35'43	9♌52	15°57	23°32	19° 4	0° 5	5°12	15°38	7°48	12°28	21°52	20°56	20° 5	n.a.	W24
T 25	17 53 34	27°33'01	21°46	17°36	24°46	19°37	0° 9	5°12	15°40	7°47	12°29	21°44	20°53	20°12	n.a.	T 25
F 26	17 57 31	28°30'18	3♍45	19°14	26° 0	20°10	0°14	5°11	15°41	7°46	12°30	21°39	20°50	20°19	n.a.	F 26
S 27	18 1 27	29°27'37	15°54	20°50	27°14	20°43	0°18	5°11	15°43	7°45	12°31	21°36	20°46	20°26	n.a.	S 27
S 28	18 5 24	0♋24'56	28°18	22°24	28°28	21°16	0°23	5°10	15°44	7°45	12°32	21°D36	20°43	20°32	n.a.	S 28
M29	18 9 21	1°22'16	11♎ 0	23°56	29°42	21°48	0°28	5°10	15°46	7°44	12°33	21°36	20°40	20°39	n.a.	M29
T 30	18 13 17	2♋19'36	24♎ 6	25♋26	0♋56	22♓20	0♎33	5♓ 9	15♈47	7♏43	12♉34	21°R36	20♎37	20♋46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n20	2s45	1s52	21n11	0n42	18n59	0s21	12s11	2s39	1n38	1n28	11s50	2s 8	5n24	0s34	12s39	1n53	5n38	10s30	9s17	8s44	17n29		n.a.
T 2	21 30	6 56	0 42	21 47	0 51	19 19	0 18	11 58	2 41	1 37	1 28	11 49	2 8	5 24	0 34	12 38	1 53	5 38	10 30	9 17	8 43	17 28		n.a.
W 3	21 40	10 55	0n31	22 20	1 0	19 39	0 16	11 45	2 42	1 37	1 27	11 49	2 8	5 25	0 34	12 38	1 53	5 38	10 30	9 17	8 41	17 27		n.a.
T 4	21 50	14 24	1 45	22 52	1 8	19 57	0 13	11 32	2 43	1 37	1 27	11 48	2 9	5 26	0 35	12 38	1 53	5 39	10 30	9 17	8 40	17 26		n.a.
F 5	21 59	17 7	2 55	23 20	1 16	20 16	0 11	11 19	2 45	1 36	1 27	11 48	2 9	5 27	0 35	12 37	1 53	5 39	10 30	9 15	8 39	17 25		n.a.
S 6	22 8	18 45	3 54	23 46	1 23	20 33	0 9	11 6	2 46	1 35	1 26	11 48	2 9	5 28	0 35	12 37	1 53	5 39	10 30	9 13	8 38	17 24		n.a.
S 7	22 17	19 5	4 37	24 10	1 29	20 51	0 6	10 53	2 47	1 35	1 26	11 47	2 9	5 29	0 35	12 36	1 53	5 39	10 30	9 11	8 37	17 23		n.a.
M 8	22 25	18 6	5 2	24 30	1 35	21 7	0 4	10 40	2 49	1 34	1 26	11 47	2 10	5 30	0 35	12 36	1 53	5 40	10 30	9 8	8 35	17 23		n.a.
T 9	22 33	15 52	5 6	24 48	1 39	21 23	0 1	10 27	2 50	1 33	1 25	11 47	2 10	5 31	0 35	12 36	1 53	5 40	10 30	9 6	8 34	17 22		n.a.
W10	22 40	12 39	4 50	25 3	1 43	21 39	0n 1	10 14	2 52	1 32	1 25	11 47	2 10	5 32	0 35	12 35	1 53	5 40	10 30	9 4	8 33	17 21		n.a.
T 11	22 47	8 44	4 16	25 15	1 47	21 54	0 3	10 1	2 53	1 31	1 25	11 46	2 10	5 32	0 35	12 35	1 53	5 41	10 31	9 3	8 32	17 20		n.a.
F 12	22 54	4 26	3 27	25 24	1 49	22 8	0 6	9 48	2 54	1 30	1 24	11 46	2 11	5 33	0 35	12 35	1 53	5 41	10 31	9 2	8 31	17 19		n.a.
S 13	23 0	0 1	2 28	25 31	1 51	22 21	0 8	9 35	2 56	1 29	1 24	11 46	2 11	5 34	0 35	12 34	1 53	5 41	10 31	9 2	8 29	17 18		n.a.
S 14	23 6	4n18	1 22	25 36	1 53	22 34	0 10	9 22	2 57	1 28	1 24	11 46	2 11	5 35	0 35	12 34	1 52	5 41	10 31	9 3	8 28	17 17		n.a.
M15	23 11	8 20	0 13	25 37	1 53	22 47	0 13	9 10	2 58	1 26	1 24	11 46	2 12	5 36	0 35	12 34	1 52	5 42	10 31	9 3	8 27	17 16		n.a.
T 16	23 16	11 54	0s55	25 37	1 53	22 58	0 15	8 57	3 0	1 25	1 23	11 46	2 12	5 36	0 35	12 33	1 52	5 42	10 31	9 3	8 26	17 15		n.a.
W17	23 21	14 52	1 59	25 34	1 53	23 9	0 17	8 44	3 1	1 24	1 23	11 46	2 12	5 37	0 35	12 33	1 52	5 42	10 31	9 2	8 24	17 14		n.a.
T 18	23 25	17 7	2 56	25 29	1 51	23 20	0 20	8 32	3 2	1 22	1 23	11 46	2 12	5 38	0 35	12 33	1 52	5 42	10 31	9 0	8 23	17 13		n.a.
F 19	23 29	18 33	3 44	25 21	1 50	23 30	0 22	8 19	3 4	1 21	1 22	11 46	2 13	5 38	0 35	12 32	1 52	5 43	10 31	8 57	8 22	17 12		n.a.
S 20	23 32	19 8	4 22	25 12	1 47	23 39	0 24	8 7	3 5	1 19	1 22	11 47	2 13	5 39	0 35	12 32	1 52	5 43	10 31	8 54	8 21	17 11		n.a.
S 21	23 35	18 52	4 48	25 1	1 44	23 47	0 27	7 54	3 6	1 17	1 22	11 47	2 13	5 40	0 35	12 32	1 52	5 43	10 31	8 50	8 20	17 10		n.a.
M22	23 37	17 45	5 1	24 48	1 41	23 54	0 29	7 42	3 7	1 16	1 22	11 47	2 14	5 40	0 35	12 32	1 52	5 43	10 32	8 45	8 18	17 9		n.a.
T 23	23 40	15 53	5 1	24 34	1 37	24 1	0 31	7 29	3 9	1 14	1 21	11 47	2 14	5 41	0 35	12 31	1 52	5 44	10 32	8 41	8 17	17 8		n.a.
W24	23 41	13 22	4 48	24 18	1 32	24 8	0 33	7 17	3 10	1 12	1 21	11 48	2 14	5 42	0 35	12 31	1 52	5 44	10 32	8 37	8 16	17 7		n.a.
T 25	23 43	10 17	4 23	24 0	1 27	24 13	0 35	7 5	3 11	1 10	1 21	11 48	2 14	5 42	0 35	12 31	1 52	5 44	10 32	8 34	8 15	17 6		n.a.
F 26	23 43	6 45	3 46	23 41	1 22	24 18	0 38	6 53	3 13	1 8	1 20	11 48	2 15	5 43	0 35	12 31	1 52	5 44	10 32	8 32	8 14	17 5		n.a.
S 27	23 44	2 54	2 58	23 21	1 16	24 22	0 40	6 41	3 14	1 6	1 20	11 49	2 15	5 43	0 35	12 30	1 52	5 44	10 32	8 31	8 12	17 4		n.a.
S 28	23 44	1s 9	2 1	23 0	1 10	24 25	0 42	6 29	3 15	1 4	1 20	11 49	2 15	5 44	0 35	12 30	1 52	5 44	10 32	8 31	8 11	17 3		n.a.
M29	23 44	6 16	0 56	22 38	1 3	24 28	0 44	6 17	3 16	1 2	1 20	11 50	2 16	5 44	0 35	12 30	1 52	5 45	10 32	8 31	8 10	17 2		n.a.
T 30	23n43	9s15	0n13	22n14	0n56	24n30	0n46	6s 6	3s18	0n59	1n19	11s50	2s16	5n45	0s35	12s30	1n52	5n45	10s33	8s31	8s 9	17n 1		n.a.

Julian Day Number = 1600311.5, Delta T = 03h59m35s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°39'00, Lahiri = - 8°32'00 Julian Calendar 1 June 332 BCE == Greg. Calendar 27 May 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

JULY 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 17 14	3♋16'57	7♏39	26♋55	2♋10	22♓51	0♎38	5°R 8	15♈48	7°R42	12♉35	21°R35	20♎34	20♋53	n.a.	W 1
T 2	18 21 10	4°14'19	21°42	28°22	3°24	23°23	0°43	5♓ 7	15°50	7♏41	12°36	21♎32	20°31	20°59	n.a.	T 2
F 3	18 25 7	5°11'42	6♐13	29°46	4°38	23°54	0°48	5° 6	15°51	7°41	12°36	21°27	20°27	21° 6	n.a.	F 3
S 4	18 29 3	6° 9'06	21° 8	1♌10	5°52	24°24	0°54	5° 5	15°52	7°40	12°37	21°19	20°24	21°13	n.a.	S 4
S 5	18 33 0	7° 6'31	6♑21	2°31	7° 6	24°55	1° 0	5° 3	15°53	7°40	12°38	21° 9	20°21	21°19	n.a.	S 5
M 6	18 36 56	8° 3'57	21°39	3°50	8°20	25°25	1° 6	5° 2	15°54	7°39	12°39	20°59	20°18	21°26	n.a.	M 6
T 7	18 40 53	9° 1'24	6♒52	5° 7	9°34	25°55	1°12	5° 0	15°55	7°38	12°40	20°49	20°15	21°33	n.a.	T 7
W 8	18 44 50	9°58'53	21°50	6°22	10°49	26°24	1°18	4°59	15°56	7°38	12°41	20°41	20°12	21°40	n.a.	W 8
T 9	18 48 46	10°56'23	6♓25	7°35	12° 3	26°53	1°24	4°57	15°57	7°37	12°42	20°35	20° 8	21°46	n.a.	T 9
F 10	18 52 43	11°53'54	20°33	8°46	13°17	27°21	1°30	4°55	15°58	7°37	12°42	20°32	20° 5	21°53	n.a.	F 10
S 11	18 56 39	12°51'27	4♈13	9°55	14°31	27°50	1°37	4°54	15°59	7°36	12°43	20°30	20° 2	22° 0	n.a.	S 11
S 12	19 0 36	13°49'02	17°27	11° 1	15°45	28°17	1°44	4°52	16° 0	7°36	12°44	20°30	19°59	22° 7	n.a.	S 12
M13	19 4 32	14°46'39	0♉19	12° 5	17° 0	28°45	1°51	4°49	16° 0	7°35	12°45	20°30	19°56	22°13	n.a.	M13
T 14	19 8 29	15°44'17	12°52	13° 7	18°14	29°12	1°58	4°47	16° 1	7°35	12°45	20°29	19°52	22°20	n.a.	T 14
W15	19 12 25	16°41'56	25°11	14° 5	19°28	29°38	2° 5	4°45	16° 2	7°35	12°46	20°25	19°49	22°27	n.a.	W15
T 16	19 16 22	17°39'38	7♊20	15° 1	20°42	0♈ 4	2°12	4°43	16° 2	7°34	12°47	20°19	19°46	22°33	n.a.	T 16
F 17	19 20 19	18°37'21	19°21	15°54	21°57	0°30	2°19	4°40	16° 3	7°34	12°47	20°10	19°43	22°40	n.a.	F 17
S 18	19 24 15	19°35'05	1♋17	16°44	23°11	0°55	2°27	4°38	16° 3	7°34	12°48	19°58	19°40	22°47	n.a.	S 18
S 19	19 28 12	20°32'52	13°10	17°31	24°25	1°20	2°34	4°35	16° 4	7°34	12°49	19°44	19°37	22°54	n.a.	S 19
M20	19 32 8	21°30'39	25° 2	18°14	25°40	1°44	2°42	4°32	16° 4	7°34	12°49	19°30	19°33	23° 0	n.a.	M20
T 21	19 36 5	22°28'29	6♌54	18°53	26°54	2° 8	2°50	4°29	16° 4	7°33	12°50	19°16	19°30	23° 7	n.a.	T 21
W22	19 40 1	23°26'20	18°48	19°29	28° 8	2°31	2°58	4°27	16° 5	7°33	12°51	19° 4	19°27	23°14	n.a.	W22
T 23	19 43 58	24°24'12	0♍45	20° 1	29°23	2°54	3° 6	4°24	16° 5	7°33	12°51	18°54	19°24	23°20	n.a.	T 23
F 24	19 47 54	25°22'06	12°47	20°28	0♌37	3°16	3°15	4°21	16° 5	7°33	12°52	18°47	19°21	23°27	n.a.	F 24
S 25	19 51 51	26°20'01	24°58	20°50	1°52	3°38	3°23	4°17	16° 5	7°D33	12°52	18°43	19°18	23°34	n.a.	S 25
S 26	19 55 48	27°17'57	7♎22	21° 8	3° 6	3°59	3°32	4°14	16° 5	7°33	12°53	18°41	19°14	23°41	n.a.	S 26
M27	19 59 44	28°15'55	20° 2	21°20	4°20	4°19	3°40	4°11	16°R 5	7°33	12°53	18°D41	19°11	23°47	n.a.	M27
T 28	20 3 41	29°13'55	3♏ 4	21°27	5°35	4°39	3°49	4° 8	16° 5	7°33	12°54	18°R41	19° 8	23°54	n.a.	T 28
W29	20 7 37	0♌11'56	16°30	21°R29	6°49	4°59	3°58	4° 4	16° 5	7°33	12°54	18°40	19° 5	24° 1	n.a.	W29
T 30	20 11 34	1° 9'58	0♐24	21°24	8° 4	5°17	4° 7	4° 1	16° 5	7°34	12°54	18°37	19° 2	24° 8	n.a.	T 30
F 31	20 15 30	2♌ 8'02	14♐47	21♌14	9♌18	5♈36	4♎16	3♓57	16♈ 5	7♏34	12♉55	18♎32	18♎58	24♋14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n41	12s54	1n24	21n50	0n49	24n31	0n48	5s54	3s19	0n57	1n19	11s51	2s16	5n45	0s35	12s29	1n52	5n45	10s33	8s31	8s 8	17n 0			n.a.
T 2	23 40	15 58	2 32	21 25	0 41	24 31	0 50	5 43	3 20	0 55	1 19	11 52	2 16	5 46	0 35	12 29	1 52	5 45	10 33	8 30	8 6	16 59			n.a.
F 3	23 38	18 7	3 33	20 59	0 33	24 31	0 52	5 31	3 21	0 52	1 18	11 52	2 17	5 46	0 35	12 29	1 52	5 45	10 33	8 28	8 5	16 58			n.a.
S 4	23 35	19 6	4 21	20 33	0 25	24 29	0 53	5 20	3 22	0 50	1 18	11 53	2 17	5 47	0 35	12 29	1 51	5 45	10 33	8 25	8 4	16 57			n.a.
S 5	23 32	18 44	4 51	20 6	0 16	24 28	0 55	5 9	3 24	0 47	1 18	11 54	2 17	5 47	0 35	12 29	1 51	5 45	10 33	8 21	8 3	16 56			n.a.
M 6	23 29	17 1	5 1	19 39	0 7	24 25	0 57	4 58	3 25	0 45	1 18	11 54	2 17	5 48	0 35	12 29	1 51	5 46	10 33	8 17	8 2	16 55			n.a.
T 7	23 25	14 7	4 50	19 12	0s 2	24 22	0 59	4 47	3 26	0 42	1 17	11 55	2 18	5 48	0 35	12 29	1 51	5 46	10 34	8 13	8 0	16 54			n.a.
W 8	23 21	10 20	4 18	18 44	0 11	24 17	1 0	4 37	3 27	0 39	1 17	11 56	2 18	5 48	0 35	12 28	1 51	5 46	10 34	8 10	7 59	16 53			n.a.
T 9	23 17	6 0	3 31	18 16	0 21	24 13	1 2	4 26	3 28	0 36	1 17	11 57	2 18	5 49	0 35	12 28	1 51	5 46	10 34	8 8	7 58	16 52			n.a.
F 10	23 12	1 28	2 31	17 47	0 31	24 7	1 4	4 16	3 30	0 34	1 17	11 58	2 19	5 49	0 35	12 28	1 51	5 46	10 34	8 7	7 57	16 51			n.a.
S 11	23 6	3n 0	1 25	17 19	0 41	24 1	1 5	4 5	3 31	0 31	1 16	11 59	2 19	5 49	0 35	12 28	1 51	5 46	10 34	8 6	7 55	16 50			n.a.
S 12	23 0	7 11	0 16	16 51	0 51	23 54	1 7	3 55	3 32	0 28	1 16	12 0	2 19	5 49	0 35	12 28	1 51	5 46	10 34	8 6	7 54	16 49			n.a.
M13	22 54	10 55	0s52	16 23	1 2	23 46	1 8	3 45	3 33	0 25	1 16	12 1	2 19	5 50	0 35	12 28	1 51	5 46	10 34	8 6	7 53	16 48			n.a.
T 14	22 48	14 4	1 55	15 56	1 12	23 37	1 10	3 35	3 34	0 22	1 15	12 2	2 20	5 50	0 35	12 28	1 51	5 46	10 35	8 6	7 52	16 47			n.a.
W15	22 40	16 31	2 52	15 29	1 23	23 28	1 11	3 26	3 35	0 19	1 15	12 3	2 20	5 50	0 35	12 28	1 51	5 46	10 35	8 4	7 51	16 46			n.a.
T 16	22 33	18 11	3 40	15 2	1 34	23 18	1 12	3 16	3 36	0 16	1 15	12 4	2 20	5 50	0 35	12 28	1 51	5 46	10 35	8 2	7 49	16 45			n.a.
F 17	22 25	19 1	4 18	14 36	1 45	23 8	1 13	3 7	3 37	0 12	1 15	12 5	2 20	5 51	0 35	12 28	1 51	5 46	10 35	7 58	7 48	16 44			n.a.
S 18	22 17	19 0	4 44	14 10	1 56	22 56	1 15	2 58	3 38	0 9	1 14	12 6	2 21	5 51	0 35	12 28	1 51	5 46	10 35	7 54	7 47	16 43			n.a.
S 19	22 8	18 8	4 58	13 45	2 7	22 44	1 16	2 49	3 39	0 6	1 14	12 8	2 21	5 51	0 35	12 28	1 51	5 46	10 35	7 49	7 46	16 42			n.a.
M20	21 59	16 30	4 58	13 22	2 18	22 32	1 17	2 40	3 41	0 2	1 14	12 9	2 21	5 51	0 36	12 28	1 50	5 46	10 36	7 43	7 45	16 41			n.a.
T 21	21 50	14 10	4 46	12 59	2 29	22 18	1 18	2 31	3 42	0s 1	1 14	12 10	2 21	5 51	0 36	12 28	1 50	5 46	10 36	7 38	7 43	16 40			n.a.
W22	21 40	11 15	4 21	12 38	2 40	22 4	1 19	2 23	3 43	0 4	1 13	12 11	2 21	5 51	0 36	12 28	1 50	5 46	10 36	7 33	7 42	16 39			n.a.
T 23	21 30	7 51	3 44	12 17	2 51	21 50	1 20	2 15	3 44	0 8	1 13	12 13	2 22	5 51	0 36	12 28	1 50	5 46	10 36	7 30	7 41	16 38			n.a.
F 24	21 20	4 7	2 58	11 59	3 1	21 34	1 20	2 7	3 45	0 11	1 13	12 14	2 22	5 51	0 36	12 28	1 50	5 46	10 36	7 27	7 40	16 37			n.a.
S 25	21 9	0 10	2 2	11 42	3 12	21 18	1 21	1 59	3 45	0 15	1 13	12 15	2 22	5 51	0 36	12 28	1 50	5 46	10 37	7 25	7 38	16 36			n.a.
S 26	20 57	3s52	1 0	11 27	3 22	21 2	1 22	1 51	3 46	0 19	1 13	12 17	2 22	5 51	0 36	12 28	1 50	5 46	10 37	7 25	7 37	16 34			n.a.
M27	20 46	7 49	0n 7	11 14	3 31	20 45	1 23	1 44	3 47	0 22	1 12	12 18	2 23	5 51	0 36	12 28	1 50	5 46	10 37	7 24	7 36	16 33			n.a.
T 28	20 34	11 30	1 15	11 3	3 40	20 27	1 23	1 37	3 48	0 26	1 12	12 20	2 23	5 51	0 36	12 28	1 50	5 46	10 37	7 24	7 35	16 32			n.a.
W29	20 21	14 43	2 22	10 54	3 49	20 9	1 24	1 30	3 49	0 30	1 12	12 21	2 23	5 51	0 36	12 28	1 50	5 46	10 37	7 24	7 34	16 31			n.a.
T 30	20 9	17 12	3 22	10 48	3 57	19 50	1 24	1 23	3 50	0 34	1 12	12 23	2 23	5 51	0 36	12 28	1 50	5 46	10 37	7 23	7 32	16 30			n.a.
F 31	19n56	18s41	4n11	10n45	4s 4	19n30	1n25	1s17	3s51	0s37	1n11	12s24	2s23	5n51	0s36	12s29	1n50	5n46	10s38	7s21	7s31	16n29			n.a.

Julian Day Number = 1600341.5, Delta T = 03h59m34s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'56, Lahiri = - 8°31'56 Julian Calendar 1 July 332 BCE == Greg. Calendar 26 June 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

AUGUST 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 19 27	3♌ 6'08	29♐35	20°R57	10♌33	5♈53	4♎25	3°R53	16°R 5	7♏34	12♉55	18°R25	18♎55	24♋21	n.a.	S 1
S 2	20 23 23	4° 4'15	14♑43	20♌34	11°47	6°10	4°34	3♓50	16♈ 4	7°34	12°56	18♎15	18°52	24°28	n.a.	S 2
M 3	20 27 20	5° 2'24	0♒ 2	20° 5	13° 2	6°27	4°44	3°46	16° 4	7°35	12°56	18° 5	18°49	24°34	n.a.	M 3
T 4	20 31 17	6° 0'35	15°19	19°30	14°16	6°42	4°53	3°42	16° 4	7°35	12°56	17°55	18°46	24°41	n.a.	T 4
W 5	20 35 13	6°58'47	0♓25	18°49	15°31	6°57	5° 3	3°38	16° 3	7°35	12°56	17°47	18°43	24°48	n.a.	W 5
T 6	20 39 10	7°57'02	15° 9	18° 2	16°45	7°12	5°13	3°34	16° 3	7°36	12°57	17°41	18°39	24°55	n.a.	T 6
F 7	20 43 6	8°55'19	29°26	17°11	18° 0	7°25	5°22	3°30	16° 2	7°36	12°57	17°37	18°36	25° 1	n.a.	F 7
S 8	20 47 3	9°53'37	13♈14	16°16	19°14	7°38	5°32	3°26	16° 2	7°36	12°57	17°D36	18°33	25° 8	n.a.	S 8
S 9	20 50 59	10°51'58	26°34	15°17	20°29	7°50	5°42	3°22	16° 1	7°37	12°57	17°36	18°30	25°15	n.a.	S 9
M10	20 54 56	11°50'22	9♉28	14°17	21°43	8° 2	5°52	3°18	16° 0	7°37	12°58	17°R37	18°27	25°22	n.a.	M10
T 11	20 58 52	12°48'47	22° 1	13°16	22°58	8°13	6° 3	3°13	16° 0	7°38	12°58	17°36	18°23	25°28	n.a.	T 11
W12	21 2 49	13°47'15	4♊17	12°16	24°13	8°23	6°13	3° 9	15°59	7°39	12°58	17°34	18°20	25°35	n.a.	W12
T 13	21 6 46	14°45'46	16°22	11°18	25°27	8°32	6°23	3° 5	15°58	7°39	12°58	17°30	18°17	25°42	n.a.	T 13
F 14	21 10 42	15°44'18	28°19	10°23	26°42	8°40	6°34	3° 0	15°57	7°40	12°58	17°23	18°14	25°48	n.a.	F 14
S 15	21 14 39	16°42'53	10♋11	9°34	27°56	8°48	6°44	2°56	15°56	7°40	12°58	17°13	18°11	25°55	n.a.	S 15
S 16	21 18 35	17°41'29	22° 3	8°50	29°11	8°54	6°55	2°51	15°55	7°41	12°58	17° 3	18° 8	26° 2	n.a.	S 16
M17	21 22 32	18°40'08	3♌55	8°14	0♍26	9° 0	7° 6	2°47	15°55	7°42	12°58	16°51	18° 4	26° 9	n.a.	M17
T 18	21 26 28	19°38'49	15°51	7°46	1°40	9° 5	7°16	2°42	15°53	7°43	12°R58	16°40	18° 1	26°15	n.a.	T 18
W19	21 30 25	20°37'33	27°50	7°27	2°55	9°10	7°27	2°38	15°52	7°43	12°58	16°30	17°58	26°22	n.a.	W19
T 20	21 34 21	21°36'18	9♍55	7°17	4°10	9°13	7°38	2°33	15°51	7°44	12°58	16°22	17°55	26°29	n.a.	T 20
F 21	21 38 18	22°35'05	22° 7	7°D17	5°24	9°16	7°49	2°29	15°50	7°45	12°58	16°17	17°52	26°35	n.a.	F 21
S 22	21 42 14	23°33'54	4♎27	7°27	6°39	9°17	8° 1	2°24	15°49	7°46	12°58	16°14	17°49	26°42	n.a.	S 22
S 23	21 46 11	24°32'45	16°59	7°46	7°53	9°R18	8°12	2°19	15°48	7°47	12°58	16°D13	17°45	26°49	n.a.	S 23
M24	21 50 8	25°31'38	29°45	8°15	9° 8	9°18	8°23	2°15	15°46	7°48	12°58	16°14	17°42	26°56	n.a.	M24
T 25	21 54 4	26°30'33	12♏49	8°54	10°23	9°17	8°34	2°10	15°45	7°49	12°58	16°15	17°39	27° 2	n.a.	T 25
W26	21 58 1	27°29'30	26°12	9°40	11°37	9°15	8°46	2° 5	15°44	7°50	12°58	16°R16	17°36	27° 9	n.a.	W26
T 27	22 1 57	28°28'28	9♐58	10°35	12°52	9°12	8°57	2° 0	15°42	7°51	12°57	16°15	17°33	27°16	n.a.	T 27
F 28	22 5 54	29°27'29	24° 7	11°38	14° 7	9° 8	9° 9	1°56	15°41	7°52	12°57	16°13	17°29	27°23	n.a.	F 28
S 29	22 9 50	0♍26'31	8♑39	12°47	15°21	9° 4	9°21	1°51	15°39	7°53	12°57	16° 9	17°26	27°29	n.a.	S 29
S 30	22 13 47	1°25'35	23°29	14° 2	16°36	8°58	9°32	1°46	15°38	7°54	12°57	16° 3	17°23	27°36	n.a.	S 30
M31	22 17 43	2♍24'41	8♒31	15♌23	17♍51	8♈52	9♎44	1♓41	15♈36	7♏55	12♉56	15♎56	17♎20	27♋43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n42	18s58	4n46	10n45	4s10	19n10	1n25	1s10	3s52	0s41	1n11	12s26	2s24	5n51	0s36	12s29	1n50	5n46	10s38	7s18	7s30	16n28		n.a.
S 2	19 28	17 55	5 1	10 47	4 14	18 50	1 25	1 4	3 52	0 45	1 11	12 27	2 24	5 51	0 36	12 29	1 50	5 46	10 38	7 15	7 29	16 27		n.a.
M 3	19 14	15 35	4 55	10 53	4 18	18 28	1 25	0 58	3 53	0 49	1 11	12 29	2 24	5 51	0 36	12 29	1 50	5 46	10 38	7 11	7 27	16 26		n.a.
T 4	19 0	12 10	4 28	11 2	4 20	18 7	1 25	0 53	3 54	0 53	1 11	12 30	2 24	5 51	0 36	12 29	1 49	5 46	10 38	7 7	7 26	16 25		n.a.
W 5	18 45	8 0	3 43	11 14	4 21	17 45	1 26	0 47	3 55	0 57	1 10	12 32	2 24	5 50	0 36	12 29	1 49	5 46	10 39	7 4	7 25	16 24		n.a.
T 6	18 30	3 25	2 43	11 30	4 20	17 22	1 26	0 42	3 55	1 1	1 10	12 34	2 25	5 50	0 36	12 29	1 49	5 46	10 39	7 1	7 24	16 23		n.a.
F 7	18 15	1n13	1 35	11 48	4 17	16 59	1 26	0 37	3 56	1 5	1 10	12 35	2 25	5 50	0 36	12 30	1 49	5 46	10 39	7 0	7 23	16 22		n.a.
S 8	17 59	5 39	0 23	12 9	4 12	16 35	1 25	0 33	3 57	1 10	1 10	12 37	2 25	5 50	0 36	12 30	1 49	5 45	10 39	6 59	7 21	16 20		n.a.
S 9	17 43	9 38	0s48	12 33	4 5	16 11	1 25	0 29	3 57	1 14	1 10	12 39	2 25	5 49	0 36	12 30	1 49	5 45	10 39	6 59	7 20	16 19		n.a.
M10	17 27	13 2	1 54	12 59	3 56	15 46	1 25	0 25	3 58	1 18	1 9	12 40	2 25	5 49	0 36	12 30	1 49	5 45	10 40	7 0	7 19	16 18		n.a.
T 11	17 10	15 43	2 52	13 27	3 45	15 22	1 25	0 21	3 58	1 22	1 9	12 42	2 25	5 49	0 36	12 31	1 49	5 45	10 40	6 59	7 18	16 17		n.a.
W12	16 53	17 38	3 42	13 56	3 32	14 56	1 24	0 17	3 59	1 27	1 9	12 44	2 25	5 49	0 36	12 31	1 49	5 45	10 40	6 59	7 16	16 16		n.a.
T 13	16 36	18 42	4 21	14 26	3 18	14 30	1 24	0 14	3 59	1 31	1 9	12 45	2 26	5 48	0 36	12 31	1 49	5 45	10 40	6 57	7 15	16 15		n.a.
F 14	16 19	18 56	4 47	14 56	3 2	14 4	1 23	0 11	4 0	1 35	1 9	12 47	2 26	5 48	0 36	12 31	1 49	5 45	10 40	6 54	7 14	16 14		n.a.
S 15	16 1	18 20	5 1	15 26	2 45	13 38	1 23	0 8	4 0	1 40	1 8	12 49	2 26	5 48	0 36	12 32	1 49	5 44	10 40	6 51	7 13	16 13		n.a.
S 16	15 43	16 56	5 3	15 55	2 26	13 11	1 22	0 6	4 0	1 44	1 8	12 51	2 26	5 47	0 36	12 32	1 49	5 44	10 41	6 46	7 12	16 12		n.a.
M17	15 25	14 48	4 51	16 23	2 8	12 43	1 21	0 4	4 0	1 49	1 8	12 52	2 26	5 47	0 36	12 32	1 49	5 44	10 41	6 42	7 10	16 11		n.a.
T 18	15 6	12 3	4 26	16 49	1 48	12 16	1 21	0 2	4 1	1 53	1 8	12 54	2 26	5 46	0 36	12 33	1 49	5 44	10 41	6 38	7 9	16 9		n.a.
W19	14 48	8 47	3 49	17 12	1 29	11 48	1 20	0 0	4 1	1 58	1 8	12 56	2 26	5 46	0 36	12 33	1 48	5 44	10 41	6 34	7 8	16 8		n.a.
T 20	14 29	5 8	3 2	17 33	1 10	11 19	1 19	0n 1	4 1	2 2	1 7	12 58	2 27	5 45	0 36	12 33	1 48	5 43	10 41	6 31	7 7	16 7		n.a.
F 21	14 9	1 15	2 6	17 52	0 51	10 51	1 18	0 2	4 1	2 7	1 7	13 0	2 27	5 45	0 36	12 34	1 48	5 43	10 42	6 29	7 5	16 6		n.a.
S 22	13 50	2s45	1 3	18 7	0 33	10 22	1 17	0 2	4 1	2 11	1 7	13 1	2 27	5 44	0 36	12 34	1 48	5 43	10 42	6 28	7 4	16 5		n.a.
S 23	13 30	6 41	0n 4	18 19	0 15	9 53	1 16	0 3	4 1	2 16	1 7	13 3	2 27	5 44	0 36	12 34	1 48	5 43	10 42	6 27	7 3	16 4		n.a.
M24	13 10	10 24	1 12	18 27	0n 2	9 23	1 15	0 3	4 1	2 21	1 7	13 5	2 27	5 43	0 36	12 35	1 48	5 43	10 42	6 28	7 2	16 3		n.a.
T 25	12 50	13 41	2 18	18 32	0 17	8 54	1 13	0 3	4 0	2 25	1 7	13 7	2 27	5 43	0 36	12 35	1 48	5 42	10 42	6 28	7 1	16 2		n.a.
W26	12 30	16 19	3 19	18 33	0 32	8 24	1 12	0 2	4 0	2 30	1 6	13 9	2 27	5 42	0 36	12 35	1 48	5 42	10 43	6 28	6 59	16 0		n.a.
T 27	12 9	18 7	4 9	18 31	0 45	7 54	1 11	0 1	4 0	2 35	1 6	13 10	2 27	5 42	0 36	12 36	1 48	5 42	10 43	6 28	6 58	15 59		n.a.
F 28	11 48	18 50	4 46	18 25	0 57	7 23	1 9	0 0	3 59	2 39	1 6	13 12	2 27	5 41	0 36	12 36	1 48	5 42	10 43	6 27	6 57	15 58		n.a.
S 29	11 27	18 22	5 6	18 16	1 8	6 53	1 8	0s 1	3 59	2 44	1 6	13 14	2 27	5 41	0 36	12 37	1 48	5 42	10 43	6 25	6 56	15 57		n.a.
S 30	11 6	16 38	5 6	18 3	1 18	6 22	1 6	0 3	3 58	2 49	1 6	13 16	2 27	5 40	0 36	12 37	1 48	5 41	10 43	6 23	6 54	15 56		n.a.
M31	10n45	13s46	4n45	17n47	1n26	5n51	1n 5	0s 5	3s58	2s54	1n 6	13s18	2s27	5n39	0s36	12s37	1n48	5n41	10s43	6s21	6s53	15n55		n.a.

Julian Day Number = 1600372.5, Delta T = 03h59m33s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'52, Lahiri = - 8°31'51 Julian Calendar 1 Aug. 332 BCE == Greg. Calendar 27 July 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

SEPTEMBER 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 21 40	3♍23'49	23♒36	16♌49	19♍ 5	8°R45	9♎56	1°R37	15°R34	7♏57	12°R56	15°R50	17♎17	27♋49	n.a.	T 1
W 2	22 25 37	4°22'59	8♓34	18°18	20°20	8♈37	10° 8	1♓32	15♈33	7°58	12♉56	15♎44	17°14	27°56	n.a.	W 2
T 3	22 29 33	5°22'12	23°15	19°51	21°35	8°28	10°20	1°27	15°31	7°59	12°55	15°40	17°10	28° 3	n.a.	T 3
F 4	22 33 30	6°21'26	7♈35	21°27	22°49	8°18	10°32	1°23	15°29	8° 0	12°55	15°39	17° 7	28°10	n.a.	F 4
S 5	22 37 26	7°20'43	21°28	23° 5	24° 4	8° 7	10°44	1°18	15°27	8° 2	12°55	15°D38	17° 4	28°16	n.a.	S 5
S 6	22 41 23	8°20'02	4♉53	24°45	25°18	7°56	10°56	1°13	15°26	8° 3	12°54	15°39	17° 1	28°23	n.a.	S 6
M 7	22 45 19	9°19'24	17°53	26°27	26°33	7°44	11° 8	1° 8	15°24	8° 4	12°54	15°41	16°58	28°30	n.a.	M 7
T 8	22 49 16	10°18'48	0♊31	28°10	27°48	7°31	11°21	1° 4	15°22	8° 6	12°53	15°42	16°55	28°36	n.a.	T 8
W 9	22 53 12	11°18'15	12°50	29°54	29° 2	7°17	11°33	0°59	15°20	8° 7	12°53	15°R43	16°51	28°43	n.a.	W 9
T 10	22 57 9	12°17'44	24°55	1♍38	0♎17	7° 2	11°45	0°55	15°18	8° 9	12°53	15°42	16°48	28°50	n.a.	T 10
F 11	23 1 5	13°17'16	6♋52	3°23	1°32	6°47	11°58	0°50	15°16	8°10	12°52	15°40	16°45	28°57	n.a.	F 11
S 12	23 5 2	14°16'49	18°44	5° 8	2°46	6°31	12°10	0°45	15°14	8°11	12°52	15°36	16°42	29° 3	n.a.	S 12
S 13	23 8 59	15°16'26	0♌36	6°53	4° 1	6°14	12°23	0°41	15°12	8°13	12°51	15°31	16°39	29°10	n.a.	S 13
M14	23 12 55	16°16'04	12°30	8°37	5°16	5°57	12°35	0°36	15°10	8°15	12°50	15°26	16°35	29°17	n.a.	M14
T 15	23 16 52	17°15'45	24°30	10°22	6°30	5°39	12°48	0°32	15° 8	8°16	12°50	15°20	16°32	29°24	n.a.	T 15
W16	23 20 48	18°15'28	6♍38	12° 6	7°45	5°21	13° 0	0°28	15° 6	8°18	12°49	15°16	16°29	29°30	n.a.	W16
T 17	23 24 45	19°15'13	18°54	13°50	8°59	5° 2	13°13	0°23	15° 4	8°19	12°49	15°12	16°26	29°37	n.a.	T 17
F 18	23 28 41	20°15'00	1♎21	15°33	10°14	4°43	13°26	0°19	15° 1	8°21	12°48	15°10	16°23	29°44	n.a.	F 18
S 19	23 32 38	21°14'49	13°59	17°16	11°29	4°23	13°39	0°15	14°59	8°23	12°47	15°D10	16°20	29°50	n.a.	S 19
S 20	23 36 34	22°14'40	26°48	18°59	12°43	4° 3	13°52	0°10	14°57	8°24	12°47	15°10	16°16	29°57	n.a.	S 20
M21	23 40 31	23°14'34	9♏50	20°41	13°58	3°42	14° 4	0° 6	14°55	8°26	12°46	15°11	16°13	0♌ 4	n.a.	M21
T 22	23 44 27	24°14'29	23° 6	22°22	15°12	3°21	14°17	0° 2	14°52	8°28	12°45	15°13	16°10	0°11	n.a.	T 22
W23	23 48 24	25°14'25	6♐37	24° 3	16°27	3° 1	14°30	29♒58	14°50	8°29	12°45	15°14	16° 7	0°17	n.a.	W23
T 24	23 52 21	26°14'24	20°23	25°43	17°42	2°39	14°43	29°54	14°48	8°31	12°44	15°R15	16° 4	0°24	n.a.	T 24
F 25	23 56 17	27°14'24	4♑25	27°23	18°56	2°18	14°56	29°50	14°45	8°33	12°43	15°15	16° 0	0°31	n.a.	F 25
S 26	0 0 14	28°14'27	18°41	29° 2	20°11	1°57	15° 9	29°46	14°43	8°35	12°42	15°14	15°57	0°37	n.a.	S 26
S 27	0 4 10	29°14'30	3♒ 9	0♎40	21°25	1°36	15°22	29°42	14°41	8°37	12°42	15°12	15°54	0°44	n.a.	S 27
M28	0 8 7	0♎14'36	17°45	2°18	22°40	1°15	15°35	29°39	14°38	8°39	12°41	15°10	15°51	0°51	n.a.	M28
T 29	0 12 3	1°14'43	2♓23	3°56	23°54	0°54	15°48	29°35	14°36	8°40	12°40	15° 9	15°48	0°58	n.a.	T 29
W30	0 16 0	2♎14'52	16♓58	5♎33	25♎ 9	0♈33	16♎ 2	29♒31	14♈34	8♏42	12♉39	15♎ 7	15♎45	1♌ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n23	9s58	4n 5	17n28	1n33	5n20	1n 3	0s 7	3s57	2s59	1n 6	13s19	2s27	5n39	0s36	12s38	1n48	5n41	10s44	6s18	6s52	15n54		n.a.
W 2	10 1	5 34	3 7	17 6	1 39	4 49	1 2	0 9	3 56	3 4	1 5	13 21	2 27	5 38	0 36	12 38	1 48	5 40	10 44	6 16	6 51	15 52		n.a.
T 3	9 39	0 54	1 59	16 41	1 44	4 18	1 0	0 12	3 55	3 8	1 5	13 23	2 27	5 37	0 36	12 39	1 48	5 40	10 44	6 15	6 49	15 51		n.a.
F 4	9 17	3n43	0 44	16 14	1 48	3 46	0 58	0 15	3 54	3 13	1 5	13 25	2 27	5 37	0 36	12 39	1 48	5 40	10 44	6 14	6 48	15 50		n.a.
S 5	8 55	7 59	0s32	15 44	1 51	3 15	0 56	0 18	3 53	3 18	1 5	13 26	2 28	5 36	0 36	12 40	1 47	5 40	10 44	6 14	6 47	15 49		n.a.
S 6	8 33	11 42	1 43	15 13	1 54	2 43	0 54	0 22	3 52	3 23	1 5	13 28	2 28	5 35	0 37	12 40	1 47	5 39	10 45	6 14	6 46	15 48		n.a.
M 7	8 10	14 42	2 47	14 39	1 55	2 11	0 52	0 25	3 50	3 28	1 5	13 30	2 28	5 34	0 37	12 41	1 47	5 39	10 45	6 15	6 45	15 47		n.a.
T 8	7 48	16 55	3 40	14 3	1 55	1 39	0 50	0 29	3 49	3 33	1 5	13 31	2 28	5 34	0 37	12 41	1 47	5 39	10 45	6 15	6 43	15 45		n.a.
W 9	7 25	18 17	4 22	13 26	1 55	1 8	0 48	0 33	3 48	3 38	1 4	13 33	2 28	5 33	0 37	12 42	1 47	5 39	10 45	6 15	6 42	15 44		n.a.
T 10	7 2	18 46	4 52	12 48	1 54	0 36	0 46	0 38	3 46	3 43	1 4	13 35	2 28	5 32	0 37	12 42	1 47	5 38	10 45	6 15	6 41	15 43		n.a.
F 11	6 39	18 25	5 8	12 8	1 53	0 4	0 44	0 42	3 44	3 48	1 4	13 36	2 28	5 31	0 37	12 43	1 47	5 38	10 45	6 14	6 40	15 42		n.a.
S 12	6 16	17 16	5 12	11 27	1 51	0s28	0 42	0 47	3 42	3 53	1 4	13 38	2 28	5 31	0 37	12 43	1 47	5 38	10 46	6 13	6 38	15 41		n.a.
S 13	5 52	15 22	5 1	10 46	1 48	1 0	0 40	0 52	3 41	3 58	1 4	13 40	2 27	5 30	0 37	12 44	1 47	5 37	10 46	6 11	6 37	15 40		n.a.
M14	5 29	12 49	4 38	10 3	1 45	1 32	0 38	0 57	3 39	4 3	1 4	13 41	2 27	5 29	0 37	12 44	1 47	5 37	10 46	6 9	6 36	15 38		n.a.
T 15	5 5	9 42	4 3	9 20	1 41	2 4	0 35	1 2	3 36	4 8	1 4	13 43	2 27	5 28	0 37	12 45	1 47	5 37	10 46	6 7	6 35	15 37		n.a.
W16	4 42	6 9	3 16	8 36	1 37	2 36	0 33	1 7	3 34	4 13	1 4	13 44	2 27	5 27	0 37	12 46	1 47	5 36	10 46	6 5	6 33	15 36		n.a.
T 17	4 18	2 19	2 19	7 52	1 33	3 8	0 31	1 13	3 32	4 19	1 3	13 46	2 27	5 26	0 37	12 46	1 47	5 36	10 46	6 4	6 32	15 35		n.a.
F 18	3 54	1s41	1 15	7 7	1 29	3 40	0 28	1 18	3 29	4 24	1 3	13 47	2 27	5 26	0 37	12 47	1 47	5 36	10 46	6 3	6 31	15 34		n.a.
S 19	3 31	5 41	0 7	6 22	1 24	4 12	0 26	1 24	3 27	4 29	1 3	13 49	2 27	5 25	0 37	12 47	1 47	5 35	10 47	6 2	6 30	15 33		n.a.
S 20	3 7	9 28	1n 4	5 37	1 19	4 43	0 24	1 30	3 24	4 34	1 3	13 50	2 27	5 24	0 37	12 48	1 47	5 35	10 47	6 3	6 29	15 31		n.a.
M21	2 43	12 52	2 12	4 52	1 13	5 15	0 21	1 35	3 22	4 39	1 3	13 52	2 27	5 23	0 37	12 48	1 47	5 35	10 47	6 3	6 27	15 30		n.a.
T 22	2 19	15 39	3 14	4 6	1 8	5 46	0 19	1 41	3 19	4 44	1 3	13 53	2 27	5 22	0 37	12 49	1 47	5 34	10 47	6 4	6 26	15 29		n.a.
W23	1 55	17 37	4 7	3 20	1 2	6 18	0 16	1 47	3 16	4 49	1 3	13 55	2 27	5 21	0 37	12 50	1 47	5 34	10 47	6 4	6 25	15 28		n.a.
T 24	1 31	18 37	4 47	2 35	0 56	6 49	0 14	1 52	3 13	4 54	1 3	13 56	2 27	5 20	0 37	12 50	1 46	5 34	10 47	6 5	6 24	15 27		n.a.
F 25	1 7	18 29	5 10	1 49	0 50	7 20	0 11	1 58	3 10	5 0	1 3	13 57	2 27	5 19	0 37	12 51	1 46	5 33	10 47	6 5	6 22	15 25		n.a.
S 26	0 42	17 12	5 15	1 4	0 44	7 51	0 8	2 4	3 7	5 5	1 3	13 59	2 27	5 18	0 37	12 51	1 46	5 33	10 48	6 4	6 21	15 24		n.a.
S 27	0 18	14 49	5 1	0 18	0 38	8 22	0 6	2 9	3 3	5 10	1 2	14 0	2 27	5 17	0 37	12 52	1 46	5 33	10 48	6 4	6 20	15 23		n.a.
M28	0s 6	11 28	4 26	0s27	0 31	8 52	0 3	2 15	3 0	5 15	1 2	14 1	2 27	5 17	0 37	12 53	1 46	5 32	10 48	6 3	6 19	15 22		n.a.
T 29	0 30	7 25	3 35	1 12	0 25	9 23	0 1	2 20	2 57	5 20	1 2	14 2	2 26	5 16	0 37	12 53	1 46	5 32	10 48	6 2	6 17	15 21		n.a.
W30	0s54	2s55	2n30	1s57	0n18	9s53	0s 2	2s25	2s53	5s26	1n 2	14s 4	2s26	5n15	0s37	12s54	1n46	5n32	10s48	6s 2	6s16	15n19		n.a.

Julian Day Number = 1600403.5, Delta T = 03h59m32s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'48, Lahiri = - 8°31'47 Julian Calendar 1 Sept. 332 BCE == Greg. Calendar 27 Aug. 332 BCE

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

OCTOBER 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 19 56	3♎15'02	1♈22	7♎10	26♎23	0°R12	16♎15	29°R28	14°R31	8♏44	12°R38	15°R 6	15♎41	1♌11	n.a.	T 1
F 2	0 23 53	4°15'15	15°30	8°46	27°38	29♓52	16°28	29♒24	14♈29	8°46	12♉37	15°D 6	15°38	1°18	n.a.	F 2
S 3	0 27 50	5°15'29	29°17	10°21	28°52	29°31	16°41	29°21	14°26	8°48	12°37	15♎ 6	15°35	1°24	n.a.	S 3
S 4	0 31 46	6°15'46	12♉43	11°57	0♏ 7	29°12	16°54	29°18	14°24	8°50	12°36	15° 7	15°32	1°31	n.a.	S 4
M 5	0 35 43	7°16'05	25°45	13°31	1°21	28°52	17° 8	29°14	14°21	8°52	12°35	15° 8	15°29	1°38	n.a.	M 5
T 6	0 39 39	8°16'26	8♊27	15° 6	2°36	28°33	17°21	29°11	14°19	8°54	12°34	15° 8	15°26	1°45	n.a.	T 6
W 7	0 43 36	9°16'48	20°50	16°40	3°50	28°14	17°34	29° 8	14°16	8°56	12°33	15° 9	15°22	1°51	n.a.	W 7
T 8	0 47 32	10°17'13	2♋58	18°14	5° 5	27°56	17°48	29° 5	14°14	8°58	12°32	15° 9	15°19	1°58	n.a.	T 8
F 9	0 51 29	11°17'40	14°57	19°47	6°19	27°39	18° 1	29° 2	14°11	9° 0	12°31	15°R 9	15°16	2° 5	n.a.	F 9
S 10	0 55 25	12°18'09	26°50	21°20	7°33	27°22	18°14	29° 0	14° 9	9° 2	12°30	15° 9	15°13	2°11	n.a.	S 10
S 11	0 59 22	13°18'40	8♌42	22°53	8°48	27° 5	18°28	28°57	14° 6	9° 4	12°29	15° 9	15°10	2°18	n.a.	S 11
M12	1 3 19	14°19'13	20°38	24°25	10° 2	26°50	18°41	28°54	14° 4	9° 6	12°28	15° 9	15° 6	2°25	n.a.	M12
T 13	1 7 15	15°19'48	2♍41	25°57	11°17	26°34	18°54	28°52	14° 1	9° 8	12°27	15°D 9	15° 3	2°32	n.a.	T 13
W14	1 11 12	16°20'24	14°55	27°29	12°31	26°20	19° 8	28°49	13°59	9°11	12°26	15° 9	15° 0	2°38	n.a.	W14
T 15	1 15 8	17°21'02	27°23	29° 0	13°45	26° 6	19°21	28°47	13°56	9°13	12°25	15° 9	14°57	2°45	n.a.	T 15
F 16	1 19 5	18°21'42	10♎ 5	0♏31	15° 0	25°53	19°34	28°45	13°54	9°15	12°24	15°R 9	14°54	2°52	n.a.	F 16
S 17	1 23 1	19°22'24	23° 3	2° 2	16°14	25°41	19°48	28°43	13°51	9°17	12°23	15° 9	14°51	2°58	n.a.	S 17
S 18	1 26 58	20°23'07	6♏17	3°33	17°28	25°30	20° 1	28°41	13°49	9°19	12°22	15° 9	14°47	3° 5	n.a.	S 18
M19	1 30 54	21°23'52	19°44	5° 3	18°43	25°19	20°15	28°39	13°47	9°21	12°21	15° 8	14°44	3°12	n.a.	M19
T 20	1 34 51	22°24'38	3♐25	6°33	19°57	25° 9	20°28	28°37	13°44	9°23	12°20	15° 7	14°41	3°19	n.a.	T 20
W21	1 38 47	23°25'25	17°16	8° 2	21°11	25° 0	20°41	28°35	13°42	9°26	12°19	15° 6	14°38	3°25	n.a.	W21
T 22	1 42 44	24°26'14	1♑15	9°32	22°26	24°52	20°55	28°33	13°39	9°28	12°18	15° 6	14°35	3°32	n.a.	T 22
F 23	1 46 41	25°27'03	15°21	11° 0	23°40	24°44	21° 8	28°32	13°37	9°30	12°16	15° 5	14°31	3°39	n.a.	F 23
S 24	1 50 37	26°27'54	29°32	12°29	24°54	24°38	21°22	28°30	13°34	9°32	12°15	15°D 5	14°28	3°46	n.a.	S 24
S 25	1 54 34	27°28'46	13♒44	13°56	26° 8	24°32	21°35	28°29	13°32	9°35	12°14	15° 5	14°25	3°52	n.a.	S 25
M26	1 58 30	28°29'38	27°56	15°24	27°23	24°27	21°48	28°28	13°30	9°37	12°13	15° 6	14°22	3°59	n.a.	M26
T 27	2 2 27	29°30'32	12♓ 6	16°50	28°37	24°23	22° 2	28°27	13°27	9°39	12°12	15° 7	14°19	4° 6	n.a.	T 27
W28	2 6 23	0♏31'27	26°10	18°16	29°51	24°20	22°15	28°26	13°25	9°41	12°11	15° 8	14°16	4°12	n.a.	W28
T 29	2 10 20	1°32'22	10♈ 6	19°41	1♐ 5	24°18	22°28	28°25	13°22	9°43	12°10	15°R 9	14°12	4°19	n.a.	T 29
F 30	2 14 16	2°33'19	23°51	21° 5	2°19	24°16	22°42	28°24	13°20	9°46	12° 9	15° 9	14° 9	4°26	n.a.	F 30
S 31	2 18 13	3♏34'17	7♉21	22♏28	3♐33	24♓15	22♎55	28♒23	13♈18	9♏48	12♉ 7	15♎ 8	14♎ 6	4♌33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1s18	1n42	1n15	2s42	0n12	10s23	0s 5	2s31	2s50	5s31	1n 2	14s 5	2s26	5n14	0s37	12s55	1n46	5n31	10s48	6s 1	6s15	15n18			n.a.
F 2	1 43	6 8	0s 2	3 26	0 5	10 52	0 7	2 36	2 46	5 36	1 2	14 6	2 26	5 13	0 37	12 55	1 46	5 31	10 48	6 1	6 14	15 17			n.a.
S 3	2 7	10 9	1 18	4 10	0s 1	11 22	0 10	2 40	2 43	5 41	1 2	14 7	2 26	5 12	0 37	12 56	1 46	5 31	10 48	6 1	6 12	15 16			n.a.
S 4	2 31	13 30	2 27	4 54	0 8	11 51	0 13	2 45	2 39	5 46	1 2	14 8	2 26	5 11	0 37	12 57	1 46	5 30	10 49	6 1	6 11	15 14			n.a.
M 5	2 55	16 5	3 27	5 38	0 15	12 20	0 16	2 50	2 35	5 52	1 2	14 9	2 26	5 10	0 37	12 57	1 46	5 30	10 49	6 2	6 10	15 13			n.a.
T 6	3 19	17 48	4 15	6 21	0 21	12 48	0 18	2 54	2 32	5 57	1 2	14 10	2 26	5 9	0 37	12 58	1 46	5 29	10 49	6 2	6 9	15 12			n.a.
W 7	3 43	18 36	4 49	7 3	0 28	13 17	0 21	2 58	2 28	6 2	1 2	14 11	2 25	5 8	0 37	12 59	1 46	5 29	10 49	6 2	6 7	15 11			n.a.
T 8	4 7	18 32	5 10	7 46	0 34	13 45	0 24	3 2	2 24	6 7	1 2	14 12	2 25	5 7	0 37	12 59	1 46	5 29	10 49	6 2	6 6	15 10			n.a.
F 9	4 31	17 38	5 17	8 27	0 41	14 12	0 26	3 5	2 20	6 12	1 1	14 13	2 25	5 6	0 37	13 0	1 46	5 28	10 49	6 2	6 5	15 8			n.a.
S 10	4 55	15 58	5 11	9 9	0 47	14 40	0 29	3 9	2 17	6 17	1 1	14 14	2 25	5 5	0 37	13 1	1 46	5 28	10 49	6 2	6 4	15 7			n.a.
S 11	5 19	13 38	4 51	9 50	0 54	15 6	0 32	3 12	2 13	6 23	1 1	14 14	2 25	5 4	0 37	13 1	1 46	5 28	10 49	6 2	6 3	15 6			n.a.
M12	5 43	10 42	4 19	10 30	1 0	15 33	0 34	3 15	2 9	6 28	1 1	14 15	2 25	5 3	0 37	13 2	1 46	5 27	10 49	6 2	6 1	15 5			n.a.
T 13	6 6	7 19	3 35	11 10	1 6	15 59	0 37	3 17	2 5	6 33	1 1	14 16	2 25	5 2	0 37	13 3	1 46	5 27	10 49	6 2	6 0	15 3			n.a.
W14	6 30	3 33	2 40	11 49	1 12	16 25	0 40	3 20	2 2	6 38	1 1	14 17	2 24	5 1	0 37	13 4	1 46	5 27	10 49	6 2	5 59	15 2			n.a.
T 15	6 54	0s26	1 37	12 28	1 18	16 50	0 42	3 22	1 58	6 43	1 1	14 17	2 24	5 0	0 37	13 4	1 46	5 26	10 49	6 2	5 58	15 1			n.a.
F 16	7 17	4 28	0 28	13 6	1 24	17 15	0 45	3 24	1 54	6 49	1 1	14 18	2 24	4 59	0 37	13 5	1 46	5 26	10 49	6 2	5 56	15 0			n.a.
S 17	7 40	8 24	0n44	13 43	1 29	17 39	0 48	3 25	1 50	6 54	1 1	14 19	2 24	4 58	0 37	13 6	1 46	5 25	10 50	6 2	5 55	14 58			n.a.
S 18	8 4	11 59	1 55	14 20	1 35	18 3	0 50	3 26	1 47	6 59	1 1	14 19	2 24	4 57	0 37	13 6	1 46	5 25	10 50	6 2	5 54	14 57			n.a.
M19	8 27	15 0	3 0	14 56	1 40	18 27	0 53	3 27	1 43	7 4	1 1	14 20	2 24	4 56	0 37	13 7	1 46	5 25	10 50	6 2	5 53	14 56			n.a.
T 20	8 50	17 13	3 57	15 31	1 45	18 50	0 55	3 28	1 39	7 9	1 1	14 20	2 23	4 55	0 37	13 8	1 46	5 24	10 50	6 2	5 51	14 55			n.a.
W21	9 12	18 28	4 40	16 5	1 50	19 12	0 58	3 28	1 36	7 14	1 1	14 21	2 23	4 54	0 37	13 9	1 46	5 24	10 50	6 1	5 50	14 53			n.a.
T 22	9 35	18 36	5 8	16 39	1 55	19 34	1 0	3 28	1 32	7 19	1 1	14 21	2 23	4 53	0 37	13 9	1 46	5 24	10 50	6 1	5 49	14 52			n.a.
F 23	9 58	17 36	5 17	17 12	1 59	19 56	1 3	3 28	1 28	7 25	1 1	14 21	2 23	4 53	0 37	13 10	1 46	5 23	10 50	6 1	5 48	14 51			n.a.
S 24	10 20	15 30	5 7	17 43	2 3	20 17	1 5	3 27	1 25	7 30	1 1	14 22	2 23	4 52	0 37	13 11	1 46	5 23	10 50	6 1	5 46	14 50			n.a.
S 25	10 42	12 28	4 38	18 14	2 7	20 37	1 8	3 26	1 21	7 35	1 1	14 22	2 23	4 51	0 36	13 11	1 46	5 23	10 50	6 1	5 45	14 48			n.a.
M26	11 4	8 42	3 53	18 44	2 11	20 57	1 10	3 25	1 18	7 40	1 1	14 22	2 22	4 50	0 36	13 12	1 46	5 22	10 50	6 1	5 44	14 47			n.a.
T 27	11 26	4 27	2 53	19 12	2 14	21 16	1 12	3 24	1 15	7 45	1 1	14 23	2 22	4 49	0 36	13 13	1 46	5 22	10 50	6 2	5 43	14 46			n.a.
W28	11 48	0n 2	1 43	19 40	2 17	21 35	1 15	3 22	1 11	7 50	1 0	14 23	2 22	4 48	0 36	13 14	1 45	5 22	10 50	6 2	5 41	14 44			n.a.
T 29	12 9	4 28	0 28	20 6	2 19	21 53	1 17	3 20	1 8	7 55	1 0	14 23	2 22	4 47	0 36	13 14	1 45	5 21	10 50	6 2	5 40	14 43			n.a.
F 30	12 30	8 37	0s48	20 31	2 21	22 10	1 19	3 18	1 5	8 0	1 0	14 23	2 22	4 46	0 36	13 15	1 45	5 21	10 50	6 2	5 39	14 42			n.a.
S 31	12s52	12n15	2s 0	20s55	2s23	22s27	1s21	3s15	1s 2	8s 5	1n 0	14s23	2s21	4n45	0s36	13s16	1n45	5n21	10s50	6s 2	5s38	14n41			n.a.

Julian Day Number = 1600433.5, Delta T = 03h59m31s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'44, Lahiri = - 8°31'43 Julian Calendar 1 Oct. 332 BCE == Greg. Calendar 26 Sept. 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

NOVEMBER 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 10	4♏35'16	20♉35	23♏50	4♐47	24°D15	23♎ 8	28°R23	13°R16	9♏50	12°R 6	15°R 6	14♎ 3	4♌39	n.a.	S 1
M 2	2 26 6	5°36'16	3♊32	25°10	6° 1	24♓16	23°21	28♒22	13♈13	9°52	12♉ 5	15♎ 3	14° 0	4°46	n.a.	M 2
T 3	2 30 3	6°37'17	16°12	26°29	7°15	24°17	23°35	28°22	13°11	9°55	12° 4	14°59	13°57	4°53	n.a.	T 3
W 4	2 33 59	7°38'20	28°35	27°46	8°29	24°20	23°48	28°22	13° 9	9°57	12° 3	14°56	13°53	4°59	n.a.	W 4
T 5	2 37 56	8°39'24	10♋45	29° 0	9°43	24°23	24° 1	28°22	13° 7	9°59	12° 2	14°52	13°50	5° 6	n.a.	T 5
F 6	2 41 52	9°40'28	22°45	0♐12	10°57	24°27	24°14	28°D22	13° 4	10° 2	12° 1	14°50	13°47	5°13	n.a.	F 6
S 7	2 45 49	10°41'35	4♌38	1°21	12°11	24°31	24°27	28°22	13° 2	10° 4	11°59	14°49	13°44	5°20	n.a.	S 7
S 8	2 49 45	11°42'42	16°29	2°27	13°25	24°37	24°41	28°22	13° 0	10° 6	11°58	14°D49	13°41	5°26	n.a.	S 8
M 9	2 53 42	12°43'50	28°24	3°29	14°39	24°42	24°54	28°22	12°58	10° 8	11°57	14°50	13°37	5°33	n.a.	M 9
T 10	2 57 39	13°44'59	10♍28	4°26	15°53	24°49	25° 7	28°23	12°56	10°11	11°56	14°51	13°34	5°40	n.a.	T 10
W11	3 1 35	14°46'09	22°44	5°17	17° 7	24°57	25°20	28°23	12°54	10°13	11°55	14°53	13°31	5°46	n.a.	W11
T 12	3 5 32	15°47'21	5♎17	6° 3	18°21	25° 5	25°33	28°24	12°52	10°15	11°54	14°54	13°28	5°53	n.a.	T 12
F 13	3 9 28	16°48'33	18°10	6°43	19°34	25°13	25°46	28°25	12°50	10°17	11°52	14°R55	13°25	6° 0	n.a.	F 13
S 14	3 13 25	17°49'45	1♏24	7°14	20°48	25°23	25°59	28°26	12°48	10°20	11°51	14°54	13°22	6° 6	n.a.	S 14
S 15	3 17 21	18°50'59	15° 0	7°37	22° 2	25°33	26°12	28°27	12°46	10°22	11°50	14°51	13°18	6°13	n.a.	S 15
M16	3 21 18	19°52'13	28°55	7°51	23°16	25°44	26°25	28°28	12°44	10°24	11°49	14°46	13°15	6°20	n.a.	M16
T 17	3 25 14	20°53'28	13♐ 5	7°R55	24°29	25°55	26°37	28°29	12°43	10°26	11°48	14°40	13°12	6°27	n.a.	T 17
W18	3 29 11	21°54'43	27°26	7°47	25°43	26° 7	26°50	28°30	12°41	10°29	11°47	14°34	13° 9	6°33	n.a.	W18
T 19	3 33 8	22°55'58	11♑51	7°28	26°57	26°20	27° 3	28°32	12°39	10°31	11°46	14°29	13° 6	6°40	n.a.	T 19
F 20	3 37 4	23°57'14	26°15	6°58	28°10	26°33	27°16	28°33	12°37	10°33	11°44	14°24	13° 3	6°47	n.a.	F 20
S 21	3 41 1	24°58'29	10♒34	6°16	29°24	26°46	27°28	28°35	12°36	10°35	11°43	14°21	12°59	6°53	n.a.	S 21
S 22	3 44 57	25°59'45	24°44	5°22	0♑37	27° 1	27°41	28°37	12°34	10°37	11°42	14°D20	12°56	7° 0	n.a.	S 22
M23	3 48 54	27° 1'00	8♓45	4°19	1°51	27°15	27°54	28°39	12°33	10°40	11°41	14°21	12°53	7° 7	n.a.	M23
T 24	3 52 50	28° 2'15	22°35	3° 8	3° 4	27°31	28° 6	28°41	12°31	10°42	11°40	14°22	12°50	7°14	n.a.	T 24
W25	3 56 47	29° 3'31	6♈14	1°50	4°17	27°47	28°19	28°43	12°29	10°44	11°39	14°23	12°47	7°20	n.a.	W25
T 26	4 0 44	0♐ 4'46	19°42	0°29	5°31	28° 3	28°31	28°45	12°28	10°46	11°38	14°R24	12°43	7°27	n.a.	T 26
F 27	4 4 40	1° 6'01	3♉ 0	29♏ 7	6°44	28°20	28°43	28°47	12°27	10°48	11°37	14°22	12°40	7°34	n.a.	F 27
S 28	4 8 37	2° 7'16	16° 7	27°47	7°57	28°37	28°56	28°49	12°25	10°50	11°36	14°18	12°37	7°40	n.a.	S 28
S 29	4 12 33	3° 8'31	29° 2	26°31	9°10	28°55	29° 8	28°52	12°24	10°53	11°34	14°11	12°34	7°47	n.a.	S 29
M30	4 16 30	4♐ 9'46	11♊45	25♏22	10♑23	29♓13	29♎20	28♒55	12♈23	10♏55	11♉33	14♎ 3	12♎31	7♌54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s12	15n10	3s 3	21s17	2s24	22s43	1s24	3s12	0s58	8s10	1n 0	14s23	2s21	4n44	0s36	13s17	1n45	5n20	10s50	6s 1	5s36	14n39		n.a.
M 2	13 33	17 15	3 56	21 38	2 25	22 59	1 26	3 9	0 55	8 15	1 0	14 23	2 21	4 43	0 36	13 17	1 45	5 20	10 50	6 0	5 35	14 38		n.a.
T 3	13 53	18 26	4 36	21 57	2 25	23 14	1 28	3 6	0 52	8 20	1 0	14 23	2 21	4 43	0 36	13 18	1 45	5 20	10 50	5 58	5 34	14 37		n.a.
W 4	14 14	18 42	5 2	22 14	2 24	23 28	1 30	3 2	0 49	8 25	1 0	14 23	2 21	4 42	0 36	13 19	1 45	5 19	10 50	5 57	5 33	14 36		n.a.
T 5	14 34	18 5	5 13	22 30	2 23	23 41	1 32	2 58	0 46	8 30	1 0	14 23	2 20	4 41	0 36	13 19	1 45	5 19	10 50	5 56	5 31	14 34		n.a.
F 6	14 53	16 40	5 11	22 44	2 21	23 54	1 34	2 54	0 43	8 35	1 0	14 22	2 20	4 40	0 36	13 20	1 45	5 19	10 50	5 55	5 30	14 33		n.a.
S 7	15 13	14 33	4 56	22 56	2 18	24 6	1 35	2 49	0 41	8 40	1 0	14 22	2 20	4 39	0 36	13 21	1 45	5 18	10 50	5 54	5 29	14 32		n.a.
S 8	15 32	11 50	4 28	23 6	2 14	24 18	1 37	2 45	0 38	8 44	1 0	14 22	2 20	4 38	0 36	13 22	1 45	5 18	10 50	5 54	5 28	14 30		n.a.
M 9	15 51	8 37	3 48	23 13	2 9	24 28	1 39	2 40	0 35	8 49	1 0	14 22	2 20	4 38	0 36	13 22	1 45	5 18	10 50	5 55	5 26	14 29		n.a.
T 10	16 10	5 0	2 58	23 19	2 4	24 38	1 40	2 35	0 32	8 54	1 0	14 21	2 19	4 37	0 36	13 23	1 45	5 17	10 50	5 55	5 25	14 28		n.a.
W11	16 28	1 6	1 59	23 22	1 57	24 48	1 42	2 29	0 30	8 59	1 0	14 21	2 19	4 36	0 36	13 24	1 45	5 17	10 50	5 56	5 24	14 26		n.a.
T 12	16 46	2s55	0 53	23 22	1 49	24 56	1 44	2 24	0 27	9 4	1 0	14 21	2 19	4 35	0 36	13 24	1 45	5 17	10 50	5 57	5 23	14 25		n.a.
F 13	17 4	6 56	0n18	23 20	1 40	25 4	1 45	2 18	0 25	9 9	1 0	14 20	2 19	4 35	0 36	13 25	1 45	5 17	10 49	5 57	5 21	14 24		n.a.
S 14	17 21	10 43	1 29	23 15	1 29	25 11	1 46	2 12	0 22	9 13	1 0	14 20	2 19	4 34	0 36	13 26	1 45	5 16	10 49	5 56	5 20	14 23		n.a.
S 15	17 38	14 2	2 37	23 7	1 17	25 17	1 48	2 6	0 20	9 18	1 0	14 19	2 18	4 33	0 36	13 27	1 45	5 16	10 49	5 55	5 19	14 21		n.a.
M16	17 55	16 38	3 37	22 56	1 4	25 22	1 49	1 59	0 17	9 23	1 0	14 18	2 18	4 32	0 36	13 27	1 45	5 16	10 49	5 53	5 18	14 20		n.a.
T 17	18 12	18 16	4 25	22 43	0 49	25 27	1 50	1 52	0 15	9 27	1 0	14 18	2 18	4 32	0 36	13 28	1 45	5 15	10 49	5 51	5 16	14 19		n.a.
W18	18 28	18 46	4 57	22 25	0 33	25 31	1 51	1 46	0 13	9 32	1 0	14 17	2 18	4 31	0 36	13 29	1 45	5 15	10 49	5 49	5 15	14 17		n.a.
T 19	18 44	18 3	5 10	22 5	0 16	25 34	1 52	1 38	0 11	9 37	1 0	14 16	2 18	4 30	0 36	13 29	1 45	5 15	10 49	5 46	5 14	14 16		n.a.
F 20	18 59	16 11	5 4	21 42	0n 3	25 37	1 53	1 31	0 8	9 41	1 0	14 16	2 17	4 30	0 36	13 30	1 45	5 15	10 49	5 45	5 13	14 15		n.a.
S 21	19 15	13 20	4 39	21 15	0 22	25 38	1 54	1 24	0 6	9 46	1 0	14 15	2 17	4 29	0 36	13 31	1 45	5 14	10 49	5 44	5 11	14 13		n.a.
S 22	19 29	9 43	3 57	20 46	0 42	25 39	1 55	1 16	0 4	9 50	1 0	14 14	2 17	4 28	0 36	13 31	1 45	5 14	10 49	5 43	5 10	14 12		n.a.
M23	19 44	5 36	3 1	20 15	1 2	25 39	1 56	1 8	0 2	9 55	1 0	14 13	2 17	4 28	0 36	13 32	1 45	5 14	10 49	5 43	5 9	14 11		n.a.
T 24	19 58	1 13	1 55	19 42	1 22	25 38	1 56	1 0	0 0	9 59	1 0	14 12	2 16	4 27	0 36	13 33	1 45	5 14	10 49	5 44	5 8	14 9		n.a.
W25	20 12	3n11	0 44	19 7	1 42	25 37	1 57	0 52	0n 2	10 4	1 0	14 11	2 16	4 27	0 36	13 33	1 45	5 13	10 48	5 44	5 6	14 8		n.a.
T 26	20 25	7 21	0s29	18 33	2 0	25 34	1 57	0 44	0 4	10 8	1 0	14 10	2 16	4 26	0 36	13 34	1 46	5 13	10 48	5 44	5 5	14 7		n.a.
F 27	20 38	11 7	1 39	18 0	2 16	25 31	1 58	0 35	0 5	10 13	1 0	14 9	2 16	4 26	0 36	13 35	1 46	5 13	10 48	5 44	5 4	14 5		n.a.
S 28	20 50	14 16	2 42	17 28	2 31	25 27	1 58	0 27	0 7	10 17	1 0	14 8	2 16	4 25	0 36	13 35	1 46	5 13	10 48	5 42	5 3	14 4		n.a.
S 29	21 3	16 40	3 37	16 58	2 43	25 23	1 58	0 18	0 9	10 22	1 0	14 7	2 15	4 25	0 36	13 36	1 46	5 13	10 48	5 40	5 1	14 3		n.a.
M30	21s14	18n12	4s19	16s32	2n53	25s17	1s59	0s 9	0n11	10s26	1n 0	14s 6	2s15	4n24	0s36	13s37	1n46	5n12	10s48	5s36	5s 0	14n 1		n.a.

Julian Day Number = 1600464.5, Delta T = 03h59m29s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'39, Lahiri = - 8°31'39 Julian Calendar 1 Nov. 332 BCE == Greg. Calendar 27 Oct. 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 332 BCE
geocentric

DECEMBER 332 BCE (-331) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 20 26	5♐11'01	24♊15	24°R21	11♑37	29♓32	29♎32	28♒57	12°R21	10♏57	11°R32	13°R53	12♎28	8♌ 1	n.a.	T 1
W 2	4 24 23	6°12'16	6♋33	23♏29	12°50	29°51	29°44	29° 0	12♈20	10°59	11♉31	13♎43	12°24	8° 7	n.a.	W 2
T 3	4 28 19	7°13'31	18°40	22°47	14° 2	0♈11	29°56	29° 3	12°19	11° 1	11°30	13°33	12°21	8°14	n.a.	T 3
F 4	4 32 16	8°14'46	0♌38	22°15	15°15	0°31	0♏ 8	29° 6	12°18	11° 3	11°29	13°24	12°18	8°21	n.a.	F 4
S 5	4 36 13	9°16'01	12°30	21°54	16°28	0°51	0°20	29° 9	12°17	11° 5	11°28	13°18	12°15	8°27	n.a.	S 5
S 6	4 40 9	10°17'16	24°20	21°42	17°41	1°12	0°32	29°12	12°16	11° 7	11°27	13°14	12°12	8°34	n.a.	S 6
M 7	4 44 6	11°18'31	6♍13	21°D40	18°54	1°33	0°44	29°16	12°15	11° 9	11°26	13°13	12° 8	8°41	n.a.	M 7
T 8	4 48 2	12°19'46	18°13	21°47	20° 6	1°55	0°55	29°19	12°14	11°11	11°25	13°D13	12° 5	8°48	n.a.	T 8
W 9	4 51 59	13°21'01	0♎26	22° 1	21°19	2°16	1° 7	29°22	12°13	11°13	11°24	13°13	12° 2	8°54	n.a.	W 9
T 10	4 55 55	14°22'16	12°58	22°23	22°31	2°39	1°18	29°26	12°12	11°15	11°23	13°R14	11°59	9° 1	n.a.	T 10
F 11	4 59 52	15°23'30	25°52	22°52	23°44	3° 1	1°30	29°30	12°11	11°17	11°22	13°13	11°56	9° 8	n.a.	F 11
S 12	5 3 48	16°24'44	9♏12	23°27	24°56	3°24	1°41	29°34	12°11	11°19	11°21	13°10	11°53	9°14	n.a.	S 12
S 13	5 7 45	17°25'58	23° 0	24° 7	26° 9	3°48	1°53	29°37	12°10	11°21	11°21	13° 5	11°49	9°21	n.a.	S 13
M14	5 11 42	18°27'12	7♐13	24°52	27°21	4°11	2° 4	29°41	12° 9	11°23	11°20	12°56	11°46	9°28	n.a.	M14
T 15	5 15 38	19°28'25	21°47	25°41	28°33	4°35	2°15	29°45	12° 9	11°25	11°19	12°46	11°43	9°35	n.a.	T 15
W16	5 19 35	20°29'37	6♑36	26°35	29°45	4°59	2°26	29°50	12° 8	11°27	11°18	12°35	11°40	9°41	n.a.	W16
T 17	5 23 31	21°30'49	21°30	27°31	0♒57	5°24	2°37	29°54	12° 8	11°29	11°17	12°25	11°37	9°48	n.a.	T 17
F 18	5 27 28	22°32'00	6♒20	28°31	2° 9	5°49	2°48	29°58	12° 7	11°30	11°16	12°16	11°34	9°55	n.a.	F 18
S 19	5 31 24	23°33'09	21° 0	29°34	3°21	6°14	2°59	0♓ 3	12° 7	11°32	11°15	12°10	11°30	10° 1	n.a.	S 19
S 20	5 35 21	24°34'18	5♓23	0♐40	4°33	6°39	3° 9	0° 7	12° 7	11°34	11°15	12° 6	11°27	10° 8	n.a.	S 20
M21	5 39 18	25°35'25	19°27	1°48	5°44	7° 5	3°20	0°12	12° 7	11°36	11°14	12° 4	11°24	10°15	n.a.	M21
T 22	5 43 14	26°36'32	3♈12	2°57	6°56	7°31	3°30	0°16	12° 6	11°38	11°13	12°D 4	11°21	10°21	n.a.	T 22
W23	5 47 11	27°37'37	16°38	4° 9	8° 7	7°57	3°41	0°21	12° 6	11°39	11°12	12°R 4	11°18	10°28	n.a.	W23
T 24	5 51 7	28°38'40	29°49	5°23	9°19	8°24	3°51	0°26	12° 6	11°41	11°11	12° 3	11°14	10°35	n.a.	T 24
F 25	5 55 4	29°39'43	12♉47	6°38	10°30	8°50	4° 1	0°31	12°D 6	11°43	11°11	12° 0	11°11	10°42	n.a.	F 25
S 26	5 59 0	0♑40'44	25°32	7°55	11°41	9°17	4°11	0°36	12° 6	11°44	11°10	11°53	11° 8	10°48	n.a.	S 26
S 27	6 2 57	1°41'45	8♊ 8	9°13	12°52	9°44	4°21	0°41	12° 6	11°46	11° 9	11°44	11° 5	10°55	n.a.	S 27
M28	6 6 53	2°42'44	20°33	10°33	14° 3	10°12	4°31	0°46	12° 6	11°48	11° 9	11°32	11° 2	11° 2	n.a.	M28
T 29	6 10 50	3°43'42	2♋51	11°53	15°14	10°39	4°41	0°51	12° 6	11°49	11° 8	11°18	10°59	11° 8	n.a.	T 29
W30	6 14 47	4°44'38	14°59	13°15	16°24	11° 7	4°51	0°56	12° 7	11°51	11° 7	11° 3	10°55	11°15	n.a.	W30
T 31	6 18 43	5♑45'34	27♋ 0	14♐38	17♒35	11♈35	5♏ 0	1♓ 2	12♈ 7	11♏52	11♉ 7	10♎49	10♎52	11♌22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21 s26	18n48	4 s48	16 s10	3n 0	25 s11	1 s59	0n 0	0n13	10 s30	1n 0	14 s 5	2 s15	4n24	0 s36	13 s37	1n46	5n12	10 s48	5 s32	4 s59	14n 0			n.a.
W 2	21 36	18 31	5 3	15 53	3 6	25 4	1 59	0 9	0 14	10 34	1 1	14 4	2 15	4 23	0 36	13 38	1 46	5 12	10 48	5 28	4 58	13 59			n.a.
T 3	21 47	17 23	5 4	15 39	3 9	24 57	1 58	0 19	0 16	10 39	1 1	14 3	2 15	4 23	0 36	13 39	1 46	5 12	10 47	5 25	4 56	13 57			n.a.
F 4	21 57	15 30	4 52	15 30	3 10	24 48	1 58	0 28	0 17	10 43	1 1	14 1	2 14	4 22	0 36	13 39	1 46	5 12	10 47	5 21	4 55	13 56			n.a.
S 5	22 7	12 59	4 27	15 25	3 9	24 39	1 58	0 38	0 19	10 47	1 1	14 0	2 14	4 22	0 35	13 40	1 46	5 12	10 47	5 19	4 54	13 55			n.a.
S 6	22 16	9 56	3 51	15 24	3 7	24 29	1 58	0 48	0 21	10 51	1 1	13 59	2 14	4 22	0 35	13 41	1 46	5 11	10 47	5 17	4 53	13 53			n.a.
M 7	22 25	6 29	3 5	15 27	3 4	24 19	1 57	0 58	0 22	10 55	1 1	13 58	2 14	4 21	0 35	13 41	1 46	5 11	10 47	5 17	4 51	13 52			n.a.
T 8	22 33	2 44	2 10	15 33	2 59	24 8	1 56	1 8	0 24	10 59	1 1	13 56	2 14	4 21	0 35	13 42	1 46	5 11	10 47	5 17	4 50	13 51			n.a.
W 9	22 41	1 s13	1 8	15 42	2 53	23 56	1 56	1 18	0 25	11 3	1 1	13 55	2 14	4 21	0 35	13 42	1 46	5 11	10 47	5 17	4 49	13 49			n.a.
T 10	22 48	5 12	0 1	15 54	2 47	23 43	1 55	1 28	0 26	11 7	1 1	13 53	2 13	4 20	0 35	13 43	1 46	5 11	10 46	5 17	4 48	13 48			n.a.
F 11	22 55	9 4	1n 7	16 8	2 40	23 30	1 54	1 38	0 28	11 11	1 1	13 52	2 13	4 20	0 35	13 43	1 46	5 11	10 46	5 17	4 46	13 47			n.a.
S 12	23 2	12 37	2 14	16 24	2 33	23 16	1 53	1 49	0 29	11 15	1 1	13 50	2 13	4 20	0 35	13 44	1 46	5 11	10 46	5 16	4 45	13 45			n.a.
S 13	23 8	15 36	3 15	16 42	2 25	23 1	1 52	1 59	0 30	11 19	1 1	13 49	2 13	4 20	0 35	13 45	1 46	5 11	10 46	5 13	4 44	13 44			n.a.
M14	23 13	17 44	4 6	17 1	2 16	22 46	1 51	2 10	0 32	11 23	1 1	13 47	2 13	4 19	0 35	13 45	1 46	5 10	10 46	5 10	4 43	13 42			n.a.
T 15	23 19	18 47	4 42	17 21	2 8	22 30	1 50	2 21	0 33	11 27	1 1	13 45	2 12	4 19	0 35	13 46	1 46	5 10	10 45	5 6	4 41	13 41			n.a.
W16	23 23	18 34	5 1	17 42	1 59	22 13	1 48	2 32	0 34	11 31	1 1	13 44	2 12	4 19	0 35	13 46	1 46	5 10	10 45	5 2	4 40	13 40			n.a.
T 17	23 27	17 5	4 58	18 3	1 50	21 56	1 47	2 43	0 35	11 34	1 1	13 42	2 12	4 19	0 35	13 47	1 46	5 10	10 45	4 58	4 39	13 38			n.a.
F 18	23 31	14 27	4 36	18 26	1 41	21 38	1 45	2 54	0 36	11 38	1 1	13 40	2 12	4 19	0 35	13 47	1 46	5 10	10 45	4 54	4 38	13 37			n.a.
S 19	23 34	10 57	3 56	18 48	1 33	21 20	1 44	3 5	0 38	11 42	1 1	13 39	2 12	4 19	0 35	13 48	1 46	5 10	10 45	4 52	4 36	13 36			n.a.
S 20	23 37	6 50	3 2	19 11	1 24	21 1	1 42	3 16	0 39	11 45	1 1	13 37	2 12	4 19	0 35	13 48	1 46	5 10	10 44	4 50	4 35	13 34			n.a.
M21	23 39	2 26	1 57	19 33	1 15	20 41	1 40	3 27	0 40	11 49	1 1	13 35	2 11	4 19	0 35	13 49	1 46	5 10	10 44	4 50	4 34	13 33			n.a.
T 22	23 41	2n 0	0 47	19 56	1 6	20 21	1 38	3 39	0 41	11 52	1 2	13 33	2 11	4 18	0 35	13 49	1 46	5 10	10 44	4 50	4 33	13 32			n.a.
W23	23 43	6 15	0 s24	20 18	0 57	20 0	1 36	3 50	0 42	11 56	1 2	13 31	2 11	4 18	0 35	13 50	1 46	5 10	10 44	4 50	4 31	13 30			n.a.
T 24	23 44	10 6	1 33	20 40	0 48	19 39	1 34	4 1	0 43	11 59	1 2	13 30	2 11	4 18	0 35	13 50	1 46	5 10	10 44	4 49	4 30	13 29			n.a.
F 25	23 44	13 24	2 35	21 2	0 39	19 18	1 32	4 13	0 44	12 3	1 2	13 28	2 11	4 18	0 35	13 51	1 46	5 10	10 43	4 48	4 29	13 27			n.a.
S 26	23 44	16 1	3 28	21 23	0 31	18 56	1 30	4 25	0 45	12 6	1 2	13 26	2 11	4 18	0 35	13 51	1 46	5 10	10 43	4 45	4 27	13 26			n.a.
S 27	23 43	17 49	4 10	21 44	0 22	18 33	1 27	4 36	0 46	12 9	1 2	13 24	2 10	4 19	0 35	13 52	1 46	5 10	10 43	4 42	4 26	13 25			n.a.
M28	23 42	18 44	4 40	22 4	0 14	18 10	1 25	4 48	0 47	12 13	1 2	13 22	2 10	4 19	0 35	13 52	1 46	5 10	10 43	4 37	4 25	13 23			n.a.
T 29	23 41	18 46	4 56	22 24	0 6	17 46	1 22	5 0	0 48	12 16	1 2	13 20	2 10	4 19	0 35	13 53	1 46	5 10	10 43	4 31	4 24	13 22			n.a.
W30	23 39	17 56	4 59	22 42	0 s 2	17 22	1 19	5 12	0 49	12 19	1 2	13 18	2 10	4 19	0 35	13 53	1 47	5 10	10 42	4 25	4 22	13 20			n.a.
T 31	23 s36	16n18	4 s48	23 s 0	0 s10	16 s58	1 s17	5n24	0n49	12 s22	1n 2	13 s16	2 s10	4n19	0 s35	13 s54	1n47	5n10	10 s42	4 s20	4 s21	13n19			n.a.

Julian Day Number = 1600494.5, Delta T = 03h59m28s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'35, Lahiri = - 8°31'35 Julian Calendar 1 Dec. 332 BCE == Greg. Calendar 26 Nov. 332 BCE

The year -331 astronomical counting style corresponds to year 332 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

JANUARY 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 22 40	6♉46'28	8♌55	16♐ 2	18♒45	12♈ 3	5♏10	1♓ 7	12♈ 7	11♏54	11°R 6	10°R36	10♎49	11♌29	n.a.	F 1
S 2	6 26 36	7°47'21	20°46	17°27	19°55	12°32	5°19	1°13	12° 8	11°55	11♉ 6	10♎26	10°46	11°35	n.a.	S 2
S 3	6 30 33	8°48'14	2♍35	18°53	21° 6	13° 0	5°28	1°18	12° 8	11°57	11° 5	10°19	10°43	11°42	n.a.	S 3
M 4	6 34 29	9°49'05	14°26	20°19	22°15	13°29	5°38	1°24	12° 9	11°58	11° 4	10°15	10°40	11°49	n.a.	M 4
T 5	6 38 26	10°49'55	26°24	21°47	23°25	13°58	5°47	1°30	12° 9	11°59	11° 4	10°13	10°36	11°55	n.a.	T 5
W 6	6 42 22	11°50'43	8♎33	23°16	24°35	14°27	5°55	1°35	12°10	12° 1	11° 3	10°13	10°33	12° 2	n.a.	W 6
T 7	6 46 19	12°51'31	21° 0	24°45	25°45	14°57	6° 4	1°41	12°10	12° 2	11° 3	10°13	10°30	12° 9	n.a.	T 7
F 8	6 50 16	13°52'18	3♏49	26°16	26°54	15°26	6°13	1°47	12°11	12° 3	11° 2	10°12	10°27	12°15	n.a.	F 8
S 9	6 54 12	14°53'03	17° 5	27°47	28° 3	15°56	6°21	1°53	12°12	12° 5	11° 2	10° 8	10°24	12°22	n.a.	S 9
S 10	6 58 9	15°53'47	0♐51	29°19	29°12	16°26	6°30	1°59	12°13	12° 6	11° 2	10° 3	10°20	12°29	n.a.	S 10
M11	7 2 5	16°54'30	15° 7	0♉52	0♓21	16°56	6°38	2° 5	12°13	12° 7	11° 1	9°54	10°17	12°36	n.a.	M11
T 12	7 6 2	17°55'12	29°49	2°25	1°30	17°26	6°46	2°12	12°14	12° 8	11° 1	9°44	10°14	12°42	n.a.	T 12
W13	7 9 58	18°55'52	14♉52	4° 0	2°39	17°56	6°54	2°18	12°15	12°10	11° 1	9°32	10°11	12°49	n.a.	W13
T 14	7 13 55	19°56'30	0♒ 5	5°35	3°47	18°26	7° 2	2°24	12°16	12°11	11° 0	9°21	10° 8	12°56	n.a.	T 14
F 15	7 17 51	20°57'07	15°18	7°11	4°55	18°57	7°10	2°30	12°17	12°12	11° 0	9°11	10° 5	13° 2	n.a.	F 15
S 16	7 21 48	21°57'42	0♓19	8°49	6° 3	19°28	7°18	2°37	12°18	12°13	11° 0	9° 4	10° 1	13° 9	n.a.	S 16
S 17	7 25 45	22°58'15	15° 2	10°27	7°11	19°59	7°25	2°43	12°20	12°14	10°59	8°59	9°58	13°16	n.a.	S 17
M18	7 29 41	23°58'46	29°20	12° 5	8°19	20°30	7°32	2°50	12°21	12°15	10°59	8°57	9°55	13°22	n.a.	M18
T 19	7 33 38	24°59'15	13♈13	13°45	9°26	21° 1	7°40	2°56	12°22	12°16	10°59	8°D57	9°52	13°29	n.a.	T 19
W20	7 37 34	25°59'42	26°42	15°26	10°34	21°32	7°47	3° 3	12°23	12°17	10°59	8°R57	9°49	13°36	n.a.	W20
T 21	7 41 31	27° 0'07	9♉49	17° 8	11°41	22° 4	7°53	3°10	12°25	12°18	10°58	8°57	9°46	13°43	n.a.	T 21
F 22	7 45 27	28° 0'30	22°38	18°50	12°47	22°35	8° 0	3°16	12°26	12°19	10°58	8°54	9°42	13°49	n.a.	F 22
S 23	7 49 24	29° 0'51	5♊11	20°34	13°54	23° 7	8° 7	3°23	12°27	12°20	10°58	8°49	9°39	13°56	n.a.	S 23
S 24	7 53 20	0♒ 1'09	17°33	22°18	15° 0	23°38	8°13	3°30	12°29	12°20	10°58	8°41	9°36	14° 3	n.a.	S 24
M25	7 57 17	1° 1'26	29°45	24° 4	16° 6	24°10	8°20	3°37	12°30	12°21	10°58	8°30	9°33	14° 9	n.a.	M25
T 26	8 1 14	2° 1'41	11♋50	25°50	17°12	24°42	8°26	3°43	12°32	12°22	10°58	8°18	9°30	14°16	n.a.	T 26
W27	8 5 10	3° 1'54	23°49	27°38	18°18	25°14	8°32	3°50	12°34	12°23	10°58	8° 5	9°26	14°23	n.a.	W27
T 28	8 9 7	4° 2'04	5♌44	29°26	19°23	25°47	8°38	3°57	12°35	12°23	10°58	7°53	9°23	14°29	n.a.	T 28
F 29	8 13 3	5° 2'13	17°36	1♒16	20°28	26°19	8°43	4° 4	12°37	12°24	10°D58	7°42	9°20	14°36	n.a.	F 29
S 30	8 17 0	6° 2'20	29°26	3° 7	21°32	26°51	8°49	4°11	12°39	12°25	10°58	7°33	9°17	14°43	n.a.	S 30
S 31	8 20 56	7♒ 2'25	11♍16	4♒58	22♓37	27♈24	8♏54	4♓18	12♈41	12♏25	10♉58	7♎27	9♎14	14♌50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s33	14n 0	4s24	23s17	0s17	16s33	1s14	5n36	0n50	12s26	1n 2	13s13	2s10	4n19	0s35	13s54	1n47	5n10	10s42	4s15	4s20	13n18		n.a.
S 2	23 30	11 7	3 50	23 33	0 25	16 8	1 11	5 48	0 51	12 29	1 2	13 11	2 10	4 19	0 34	13 54	1 47	5 10	10 42	4 11	4 19	13 16		n.a.
S 3	23 26	7 49	3 5	23 48	0 32	15 42	1 8	6 0	0 52	12 32	1 2	13 9	2 9	4 20	0 34	13 55	1 47	5 10	10 41	4 8	4 17	13 15		n.a.
M 4	23 22	4 11	2 12	24 1	0 39	15 17	1 4	6 12	0 53	12 35	1 3	13 7	2 9	4 20	0 34	13 55	1 47	5 10	10 41	4 6	4 16	13 13		n.a.
T 5	23 17	0 21	1 12	24 14	0 46	14 50	1 1	6 24	0 54	12 38	1 3	13 5	2 9	4 20	0 34	13 56	1 47	5 10	10 41	4 6	4 15	13 12		n.a.
W 6	23 12	3s34	0 9	24 26	0 52	14 24	0 58	6 36	0 54	12 40	1 3	13 3	2 9	4 20	0 34	13 56	1 47	5 10	10 41	4 5	4 14	13 11		n.a.
T 7	23 6	7 25	0n57	24 36	0 59	13 57	0 54	6 48	0 55	12 43	1 3	13 0	2 9	4 21	0 34	13 56	1 47	5 10	10 40	4 5	4 12	13 9		n.a.
F 8	23 0	11 3	2 1	24 46	1 5	13 29	0 51	7 0	0 56	12 46	1 3	12 58	2 9	4 21	0 34	13 57	1 47	5 11	10 40	4 5	4 11	13 8		n.a.
S 9	22 53	14 14	3 2	24 54	1 11	13 2	0 47	7 13	0 57	12 49	1 3	12 56	2 9	4 21	0 34	13 57	1 47	5 11	10 40	4 4	4 10	13 6		n.a.
S 10	22 46	16 46	3 54	25 0	1 16	12 34	0 43	7 25	0 57	12 52	1 3	12 54	2 9	4 22	0 34	13 57	1 47	5 11	10 40	4 2	4 9	13 5		n.a.
M11	22 39	18 22	4 33	25 5	1 22	12 6	0 40	7 37	0 58	12 54	1 3	12 51	2 8	4 22	0 34	13 58	1 47	5 11	10 39	3 58	4 7	13 4		n.a.
T 12	22 31	18 48	4 56	25 9	1 27	11 38	0 36	7 49	0 59	12 57	1 3	12 49	2 8	4 22	0 34	13 58	1 47	5 11	10 39	3 54	4 6	13 2		n.a.
W13	22 23	17 56	4 59	25 12	1 32	11 9	0 32	8 2	0 59	12 59	1 3	12 46	2 8	4 23	0 34	13 58	1 47	5 11	10 39	3 49	4 5	13 1		n.a.
T 14	22 14	15 48	4 41	25 13	1 36	10 40	0 28	8 14	1 0	13 2	1 3	12 44	2 8	4 23	0 34	13 59	1 47	5 11	10 39	3 45	4 4	12 59		n.a.
F 15	22 5	12 34	4 4	25 12	1 40	10 11	0 23	8 26	1 0	13 4	1 4	12 42	2 8	4 24	0 34	13 59	1 47	5 11	10 38	3 41	4 2	12 58		n.a.
S 16	21 55	8 33	3 9	25 10	1 44	9 42	0 19	8 39	1 1	13 7	1 4	12 39	2 8	4 24	0 34	13 59	1 47	5 12	10 38	3 38	4 1	12 56		n.a.
S 17	21 45	4 5	2 3	25 6	1 48	9 12	0 15	8 51	1 2	13 9	1 4	12 37	2 8	4 25	0 34	14 0	1 47	5 12	10 38	3 36	4 0	12 55		n.a.
M18	21 35	0n30	0 51	25 1	1 51	8 43	0 10	9 4	1 2	13 11	1 4	12 34	2 8	4 25	0 34	14 0	1 47	5 12	10 38	3 36	3 58	12 54		n.a.
T 19	21 24	4 56	0s23	24 54	1 54	8 13	0 6	9 16	1 3	13 14	1 4	12 32	2 8	4 26	0 34	14 0	1 47	5 12	10 37	3 35	3 57	12 52		n.a.
W20	21 12	8 59	1 33	24 45	1 56	7 43	0 1	9 28	1 3	13 16	1 4	12 29	2 7	4 26	0 34	14 0	1 48	5 12	10 37	3 36	3 56	12 51		n.a.
T 21	21 1	12 28	2 36	24 34	1 58	7 13	0n 3	9 41	1 4	13 18	1 4	12 27	2 7	4 27	0 34	14 1	1 48	5 12	10 37	3 35	3 55	12 49		n.a.
F 22	20 49	15 16	3 30	24 22	2 0	6 43	0 8	9 53	1 4	13 20	1 4	12 24	2 7	4 27	0 34	14 1	1 48	5 13	10 37	3 34	3 53	12 48		n.a.
S 23	20 36	17 17	4 12	24 8	2 1	6 13	0 13	10 6	1 5	13 22	1 4	12 22	2 7	4 28	0 34	14 1	1 48	5 13	10 36	3 32	3 52	12 46		n.a.
S 24	20 24	18 28	4 42	23 52	2 2	5 43	0 18	10 18	1 5	13 24	1 5	12 19	2 7	4 28	0 34	14 1	1 48	5 13	10 36	3 29	3 51	12 45		n.a.
M25	20 11	18 45	4 59	23 34	2 3	5 12	0 22	10 30	1 6	13 26	1 5	12 16	2 7	4 29	0 34	14 1	1 48	5 13	10 36	3 25	3 50	12 44		n.a.
T 26	19 57	18 12	5 2	23 15	2 3	4 42	0 27	10 43	1 6	13 28	1 5	12 14	2 7	4 30	0 34	14 2	1 48	5 14	10 36	3 20	3 48	12 42		n.a.
W27	19 43	16 50	4 51	22 53	2 2	4 11	0 32	10 55	1 7	13 30	1 5	12 11	2 7	4 30	0 34	14 2	1 48	5 14	10 35	3 15	3 47	12 41		n.a.
T 28	19 29	14 45	4 28	22 30	2 1	3 41	0 38	11 7	1 7	13 32	1 5	12 9	2 7	4 31	0 34	14 2	1 48	5 14	10 35	3 10	3 46	12 39		n.a.
F 29	19 14	12 3	3 53	22 4	2 0	3 10	0 43	11 20	1 8	13 33	1 5	12 6	2 7	4 32	0 34	14 2	1 48	5 14	10 35	3 5	3 45	12 38		n.a.
S 30	19 0	8 53	3 8	21 37	1 58	2 40	0 48	11 32	1 8	13 35	1 5	12 3	2 7	4 33	0 34	14 2	1 48	5 15	10 34	3 2	3 43	12 36		n.a.
S 31	18s44	5n21	2s15	21s 8	1s56	2s 9	0n53	11n44	1n 9	13s37	1n 5	12s 1	2s 7	4n33	0s33	14s 2	1n48	5n15	10s34	2s59	3s42	12n35		n.a.

Julian Day Number = 1600525.5, Delta T = 03h59m27s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'31, Lahiri = - 8°31'31 Julian Calendar 1 Jan. 331 BCE == Greg. Calendar 27 Dec. 332 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

FEBRUARY 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 24 53	8♒ 2'28	23♍10	6♒51	23♓41	27♈56	8♏59	4♓26	12♈42	12♏26	10♉58	7°R23	9♎11	14♌56	n.a.	M 1
T 2	8 28 49	9° 2'29	5♎10	8°44	24°45	28°29	9° 4	4°33	12°44	12°26	10°58	7°D22	9° 7	15° 3	n.a.	T 2
W 3	8 32 46	10° 2'29	17°21	10°39	25°48	29° 2	9° 9	4°40	12°46	12°27	10°58	7♎22	9° 4	15°10	n.a.	W 3
T 4	8 36 43	11° 2'26	29°46	12°34	26°51	29°34	9°14	4°47	12°48	12°27	10°58	7°23	9° 1	15°16	n.a.	T 4
F 5	8 40 39	12° 2'22	12♏31	14°30	27°54	0♉ 7	9°18	4°54	12°50	12°28	10°58	7°R24	8°58	15°23	n.a.	F 5
S 6	8 44 36	13° 2'17	25°41	16°27	28°57	0°40	9°23	5° 2	12°52	12°28	10°58	7°23	8°55	15°30	n.a.	S 6
S 7	8 48 32	14° 2'09	9♐18	18°24	29°59	1°13	9°27	5° 9	12°54	12°28	10°59	7°20	8°52	15°36	n.a.	S 7
M 8	8 52 29	15° 2'00	23°24	20°22	1♈ 1	1°46	9°31	5°16	12°57	12°29	10°59	7°15	8°48	15°43	n.a.	M 8
T 9	8 56 25	16° 1'49	7♑59	22°20	2° 2	2°20	9°35	5°24	12°59	12°29	10°59	7° 9	8°45	15°50	n.a.	T 9
W10	9 0 22	17° 1'36	22°57	24°19	3° 3	2°53	9°39	5°31	13° 1	12°29	10°59	7° 1	8°42	15°57	n.a.	W10
T 11	9 4 18	18° 1'21	8♒10	26°17	4° 4	3°26	9°42	5°38	13° 3	12°29	11° 0	6°53	8°39	16° 3	n.a.	T 11
F 12	9 8 15	19° 1'04	23°29	28°14	5° 4	4° 0	9°45	5°46	13° 6	12°30	11° 0	6°46	8°36	16°10	n.a.	F 12
S 13	9 12 12	20° 0'45	8♓41	0♓12	6° 4	4°33	9°49	5°53	13° 8	12°30	11° 0	6°41	8°32	16°17	n.a.	S 13
S 14	9 16 8	21° 0'24	23°37	2° 8	7° 3	5° 7	9°52	6° 1	13°10	12°30	11° 1	6°39	8°29	16°23	n.a.	S 14
M15	9 20 5	22° 0'00	8♈10	4° 2	8° 2	5°41	9°54	6° 8	13°13	12°30	11° 1	6°D38	8°26	16°30	n.a.	M15
T 16	9 24 1	22°59'34	22°17	5°55	9° 0	6°14	9°57	6°16	13°15	12°30	11° 1	6°39	8°23	16°37	n.a.	T 16
W17	9 27 58	23°59'05	5♉56	7°46	9°58	6°48	9°59	6°23	13°18	12°R30	11° 2	6°40	8°20	16°43	n.a.	W17
T 18	9 31 54	24°58'34	19° 9	9°34	10°56	7°22	10° 2	6°31	13°20	12°30	11° 2	6°R41	8°17	16°50	n.a.	T 18
F 19	9 35 51	25°58'01	1♊59	11°19	11°52	7°56	10° 4	6°38	13°23	12°30	11° 3	6°41	8°13	16°57	n.a.	F 19
S 20	9 39 47	26°57'25	14°31	13° 1	12°49	8°30	10° 6	6°46	13°25	12°30	11° 3	6°40	8°10	17° 3	n.a.	S 20
S 21	9 43 44	27°56'47	26°48	14°38	13°45	9° 4	10° 7	6°54	13°28	12°30	11° 4	6°36	8° 7	17°10	n.a.	S 21
M22	9 47 40	28°56'06	8♋53	16°12	14°40	9°38	10° 9	7° 1	13°31	12°30	11° 4	6°31	8° 4	17°17	n.a.	M22
T 23	9 51 37	29°55'23	20°51	17°40	15°34	10°12	10°10	7° 9	13°33	12°30	11° 5	6°25	8° 1	17°24	n.a.	T 23
W24	9 55 34	0♓54'38	2♌44	19° 3	16°28	10°47	10°11	7°16	13°36	12°29	11° 5	6°18	7°57	17°30	n.a.	W24
T 25	9 59 30	1°53'51	14°35	20°21	17°22	11°21	10°12	7°24	13°39	12°29	11° 6	6°12	7°54	17°37	n.a.	T 25
F 26	10 3 27	2°53'01	26°25	21°33	18°14	11°55	10°13	7°32	13°42	12°29	11° 6	6° 6	7°51	17°44	n.a.	F 26
S 27	10 7 23	3°52'09	8♍17	22°39	19° 6	12°30	10°13	7°39	13°44	12°29	11° 7	6° 2	7°48	17°50	n.a.	S 27
S 28	10 11 20	4♓51'14	20♍13	23♓38	19♈57	13♉ 4	10♏14	7♓47	13♈47	12♏28	11♉ 8	5♎59	7♎45	17♌57	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s29	1n36	1s15	20s36	1s53	1s39	0n59	11n57	1n 9	13s38	1n 5	11s58	2s 7	4n34	0s33	14s 2	1n48	5n15	10s34	2s58	3s41	12n33		n.a.
T 2	18 13	2s15	0 12	20 3	1 49	1 8	1 4	12 9	1 10	13 40	1 6	11 55	2 7	4 35	0 33	14 3	1 48	5 15	10 34	2 57	3 40	12 32		n.a.
W 3	17 57	6 4	0n53	19 28	1 45	0 38	1 10	12 21	1 10	13 41	1 6	11 53	2 6	4 36	0 33	14 3	1 48	5 16	10 33	2 58	3 38	12 31		n.a.
T 4	17 40	9 42	1 57	18 51	1 41	0 7	1 15	12 33	1 10	13 42	1 6	11 50	2 6	4 36	0 33	14 3	1 48	5 16	10 33	2 58	3 37	12 29		n.a.
F 5	17 24	12 58	2 57	18 12	1 35	0n23	1 21	12 45	1 11	13 44	1 6	11 47	2 6	4 37	0 33	14 3	1 48	5 16	10 33	2 58	3 36	12 28		n.a.
S 6	17 6	15 42	3 50	17 31	1 30	0 54	1 26	12 57	1 11	13 45	1 6	11 44	2 6	4 38	0 33	14 3	1 48	5 17	10 33	2 58	3 34	12 26		n.a.
S 7	16 49	17 39	4 31	16 49	1 23	1 24	1 32	13 9	1 11	13 46	1 6	11 42	2 6	4 39	0 33	14 3	1 49	5 17	10 32	2 57	3 33	12 25		n.a.
M 8	16 31	18 36	4 58	16 5	1 16	1 54	1 38	13 21	1 12	13 47	1 6	11 39	2 6	4 40	0 33	14 3	1 49	5 17	10 32	2 55	3 32	12 23		n.a.
T 9	16 14	18 23	5 7	15 19	1 8	2 24	1 43	13 33	1 12	13 49	1 6	11 36	2 6	4 41	0 33	14 3	1 49	5 18	10 32	2 52	3 31	12 22		n.a.
W10	15 55	16 54	4 55	14 31	1 0	2 54	1 49	13 45	1 12	13 50	1 7	11 33	2 6	4 42	0 33	14 3	1 49	5 18	10 31	2 49	3 29	12 20		n.a.
T 11	15 37	14 13	4 23	13 43	0 51	3 23	1 55	13 57	1 13	13 51	1 7	11 30	2 6	4 43	0 33	14 3	1 49	5 18	10 31	2 46	3 28	12 19		n.a.
F 12	15 18	10 32	3 31	12 53	0 42	3 53	2 1	14 9	1 13	13 52	1 7	11 28	2 6	4 43	0 33	14 3	1 49	5 19	10 31	2 43	3 27	12 17		n.a.
S 13	14 59	6 10	2 25	12 2	0 32	4 22	2 7	14 21	1 13	13 52	1 7	11 25	2 6	4 44	0 33	14 3	1 49	5 19	10 31	2 41	3 26	12 16		n.a.
S 14	14 40	1 30	1 10	11 10	0 21	4 51	2 13	14 33	1 14	13 53	1 7	11 22	2 6	4 45	0 33	14 3	1 49	5 19	10 30	2 40	3 24	12 14		n.a.
M15	14 21	3n 9	0s 8	10 18	0 10	5 20	2 19	14 44	1 14	13 54	1 7	11 19	2 6	4 46	0 33	14 3	1 49	5 20	10 30	2 40	3 23	12 13		n.a.
T 16	14 1	7 29	1 24	9 25	0n 2	5 49	2 24	14 56	1 14	13 55	1 7	11 16	2 6	4 47	0 33	14 3	1 49	5 20	10 30	2 40	3 22	12 12		n.a.
W17	13 41	11 16	2 32	8 33	0 14	6 18	2 30	15 7	1 15	13 55	1 7	11 13	2 6	4 48	0 33	14 3	1 49	5 20	10 30	2 41	3 21	12 10		n.a.
T 18	13 21	14 22	3 30	7 40	0 26	6 46	2 36	15 19	1 15	13 56	1 8	11 11	2 6	4 49	0 33	14 3	1 49	5 21	10 29	2 41	3 19	12 9		n.a.
F 19	13 1	16 38	4 16	6 48	0 39	7 14	2 42	15 30	1 15	13 57	1 8	11 8	2 6	4 50	0 33	14 3	1 49	5 21	10 29	2 41	3 18	12 7		n.a.
S 20	12 41	18 3	4 48	5 57	0 52	7 42	2 48	15 42	1 15	13 57	1 8	11 5	2 6	4 51	0 33	14 3	1 49	5 22	10 29	2 40	3 17	12 6		n.a.
S 21	12 20	18 36	5 6	5 8	1 5	8 10	2 54	15 53	1 16	13 57	1 8	11 2	2 6	4 52	0 33	14 3	1 49	5 22	10 29	2 39	3 15	12 4		n.a.
M22	11 59	18 16	5 10	4 19	1 18	8 37	3 0	16 4	1 16	13 58	1 8	10 59	2 6	4 54	0 33	14 3	1 49	5 22	10 28	2 37	3 14	12 3		n.a.
T 23	11 38	17 8	5 1	3 33	1 30	9 4	3 6	16 16	1 16	13 58	1 8	10 56	2 6	4 55	0 33	14 2	1 49	5 23	10 28	2 35	3 13	12 1		n.a.
W24	11 17	15 16	4 38	2 48	1 43	9 30	3 12	16 27	1 16	13 58	1 8	10 53	2 6	4 56	0 33	14 2	1 49	5 23	10 28	2 32	3 12	12 0		n.a.
T 25	10 56	12 46	4 4	2 6	1 55	9 57	3 19	16 38	1 17	13 59	1 8	10 51	2 6	4 57	0 33	14 2	1 50	5 24	10 28	2 29	3 10	11 58		n.a.
F 26	10 34	9 44	3 19	1 27	2 7	10 23	3 25	16 49	1 17	13 59	1 9	10 48	2 6	4 58	0 33	14 2	1 50	5 24	10 27	2 27	3 9	11 57		n.a.
S 27	10 13	6 19	2 26	0 50	2 19	10 48	3 30	17 0	1 17	13 59	1 9	10 45	2 6	4 59	0 33	14 2	1 50	5 24	10 27	2 25	3 8	11 55		n.a.
S 28	9s51	2n37	1s25	0s16	2n30	11n14	3n36	17n11	1n17	13s59	1n 9	10s42	2s 6	5n 0	0s33	14s 2	1n50	5n25	10s27	2s24	3s 7	11n54		n.a.

Julian Day Number = 1600556.5, Delta T = 03h59m26s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'27, Lahiri = - 8°31'26 Julian Calendar 1 Feb. 331 BCE == Greg. Calendar 27 Jan. 331 BCE

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

MARCH 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 15 16	5♓50'18	2♎14	24♓31	20♈48	13♉39	10♏14	7♓55	13♈50	12°R28	11♉ 8	5°D58	7♎42	18♌ 4	n.a.	M 1
T 2	10 19 13	6°49'20	14°23	25°17	21°38	14°13	10°R14	8° 2	13°53	12♏27	11° 9	5♎58	7°38	18°10	n.a.	T 2
W 3	10 23 9	7°48'20	26°42	25°56	22°27	14°48	10°14	8°10	13°56	12°27	11°10	5°59	7°35	18°17	n.a.	W 3
T 4	10 27 6	8°47'17	9♏14	26°29	23°15	15°22	10°14	8°17	13°59	12°27	11°10	6° 1	7°32	18°24	n.a.	T 4
F 5	10 31 2	9°46'13	22° 3	26°54	24° 2	15°57	10°13	8°25	14° 2	12°26	11°11	6° 2	7°29	18°30	n.a.	F 5
S 6	10 34 59	10°45'07	5♐12	27°12	24°48	16°32	10°12	8°33	14° 5	12°25	11°12	6°R 3	7°26	18°37	n.a.	S 6
S 7	10 38 56	11°44'00	18°43	27°23	25°34	17° 6	10°11	8°40	14° 8	12°25	11°13	6° 3	7°23	18°44	n.a.	S 7
M 8	10 42 52	12°42'50	2♑39	27°R28	26°18	17°41	10°10	8°48	14°11	12°24	11°13	6° 2	7°19	18°51	n.a.	M 8
T 9	10 46 49	13°41'39	16°59	27°26	27° 2	18°16	10° 9	8°56	14°14	12°24	11°14	6° 0	7°16	18°57	n.a.	T 9
W10	10 50 45	14°40'26	1♒40	27°17	27°44	18°51	10° 7	9° 3	14°17	12°23	11°15	5°57	7°13	19° 4	n.a.	W10
T 11	10 54 42	15°39'11	16°37	27° 3	28°26	19°26	10° 6	9°11	14°20	12°22	11°16	5°55	7°10	19°11	n.a.	T 11
F 12	10 58 38	16°37'54	1♓42	26°43	29° 6	20° 1	10° 4	9°19	14°23	12°22	11°17	5°52	7° 7	19°17	n.a.	F 12
S 13	11 2 35	17°36'35	16°47	26°17	29°46	20°36	10° 2	9°26	14°27	12°21	11°18	5°51	7° 3	19°24	n.a.	S 13
S 14	11 6 31	18°35'14	1♈42	25°47	0♉24	21°11	10° 0	9°34	14°30	12°20	11°18	5°D50	7° 0	19°31	n.a.	S 14
M15	11 10 28	19°33'51	16°19	25°13	1° 0	21°46	9°57	9°41	14°33	12°19	11°19	5°50	6°57	19°37	n.a.	M15
T 16	11 14 25	20°32'25	0♉33	24°36	1°36	22°21	9°55	9°49	14°36	12°19	11°20	5°51	6°54	19°44	n.a.	T 16
W17	11 18 21	21°30'58	14°21	23°56	2°10	22°56	9°52	9°57	14°39	12°18	11°21	5°52	6°51	19°51	n.a.	W17
T 18	11 22 18	22°29'28	27°42	23°14	2°43	23°31	9°49	10° 4	14°43	12°17	11°22	5°53	6°48	19°57	n.a.	T 18
F 19	11 26 14	23°27'56	10♊39	22°31	3°14	24° 7	9°46	10°12	14°46	12°16	11°23	5°54	6°44	20° 4	n.a.	F 19
S 20	11 30 11	24°26'22	23°15	21°48	3°44	24°42	9°42	10°19	14°49	12°15	11°24	5°R54	6°41	20°11	n.a.	S 20
S 21	11 34 7	25°24'45	5♋32	21° 6	4°12	25°17	9°39	10°27	14°53	12°14	11°25	5°54	6°38	20°17	n.a.	S 21
M22	11 38 4	26°23'07	17°37	20°25	4°39	25°53	9°35	10°34	14°56	12°13	11°26	5°53	6°35	20°24	n.a.	M22
T 23	11 42 0	27°21'26	29°33	19°46	5° 4	26°28	9°32	10°42	14°59	12°12	11°27	5°52	6°32	20°31	n.a.	T 23
W24	11 45 57	28°19'43	11♌24	19°10	5°27	27° 3	9°28	10°49	15° 2	12°11	11°28	5°51	6°29	20°38	n.a.	W24
T 25	11 49 53	29°17'58	23°13	18°37	5°49	27°39	9°23	10°56	15° 6	12°10	11°29	5°50	6°25	20°44	n.a.	T 25
F 26	11 53 50	0♈16'10	5♍ 5	18° 7	6° 8	28°14	9°19	11° 4	15° 9	12° 9	11°30	5°50	6°22	20°51	n.a.	F 26
S 27	11 57 47	1°14'21	17° 2	17°42	6°26	28°50	9°15	11°11	15°13	12° 8	11°31	5°49	6°19	20°58	n.a.	S 27
S 28	12 1 43	2°12'30	29° 6	17°21	6°42	29°25	9°10	11°18	15°16	12° 7	11°32	5°49	6°16	21° 4	n.a.	S 28
M29	12 5 40	3°10'37	11♎18	17° 4	6°56	0♊ 1	9° 5	11°26	15°19	12° 6	11°34	5°D49	6°13	21°11	n.a.	M29
T 30	12 9 36	4° 8'42	23°41	16°53	7° 7	0°36	9° 0	11°33	15°23	12° 4	11°35	5°49	6° 9	21°18	n.a.	T 30
W31	12 13 33	5♈ 6'46	6♏16	16♓46	7♉17	1♊12	8♏55	11♓40	15♈26	12♏ 3	11♉36	5♎49	6♎ 6	21♌24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	9s29	1s13	0s20	0n14	2n40	11n39	3n42	17n21	1n17	13s59	1n 9	10s39	2s 6	5n 1	0s33	14s 2	1n50	5n25	10s27	2s24	3s 5	11n52			n.a.
T 2	9 7	5 2	0n46	0 42	2 50	12 3	3 48	17 32	1 18	13 59	1 9	10 36	2 6	5 3	0 33	14 1	1 50	5 26	10 26	2 24	3 4	11 51			n.a.
W 3	8 45	8 41	1 51	1 5	2 58	12 27	3 54	17 43	1 18	13 58	1 9	10 33	2 6	5 4	0 33	14 1	1 50	5 26	10 26	2 24	3 3	11 49			n.a.
T 4	8 22	12 1	2 53	1 25	3 6	12 51	4 0	17 53	1 18	13 58	1 9	10 30	2 6	5 5	0 33	14 1	1 50	5 27	10 26	2 25	3 2	11 48			n.a.
F 5	8 0	14 51	3 47	1 41	3 12	13 14	4 6	18 4	1 18	13 58	1 9	10 28	2 6	5 6	0 33	14 1	1 50	5 27	10 26	2 26	3 0	11 46			n.a.
S 6	7 37	17 0	4 31	1 53	3 18	13 37	4 12	18 14	1 18	13 58	1 9	10 25	2 6	5 7	0 33	14 1	1 50	5 27	10 25	2 26	2 59	11 45			n.a.
S 7	7 15	18 15	5 1	2 2	3 22	13 59	4 17	18 24	1 18	13 57	1 10	10 22	2 6	5 8	0 33	14 0	1 50	5 28	10 25	2 26	2 58	11 43			n.a.
M 8	6 52	18 28	5 14	2 6	3 25	14 21	4 23	18 34	1 19	13 57	1 10	10 19	2 6	5 10	0 33	14 0	1 50	5 28	10 25	2 25	2 56	11 42			n.a.
T 9	6 29	17 32	5 9	2 7	3 26	14 42	4 29	18 44	1 19	13 56	1 10	10 16	2 6	5 11	0 32	14 0	1 50	5 29	10 25	2 25	2 55	11 40			n.a.
W10	6 6	15 25	4 44	2 3	3 26	15 3	4 34	18 54	1 19	13 56	1 10	10 13	2 6	5 12	0 32	14 0	1 50	5 29	10 24	2 24	2 54	11 39			n.a.
T 11	5 43	12 15	3 59	1 56	3 24	15 23	4 39	19 4	1 19	13 55	1 10	10 10	2 6	5 13	0 32	13 59	1 50	5 30	10 24	2 22	2 53	11 37			n.a.
F 12	5 20	8 14	2 57	1 45	3 21	15 43	4 45	19 14	1 19	13 54	1 10	10 7	2 7	5 15	0 32	13 59	1 50	5 30	10 24	2 22	2 51	11 36			n.a.
S 13	4 57	3 42	1 43	1 30	3 17	16 2	4 50	19 24	1 19	13 54	1 10	10 5	2 7	5 16	0 32	13 59	1 50	5 31	10 24	2 21	2 50	11 34			n.a.
S 14	4 34	1n 2	0 23	1 13	3 10	16 21	4 55	19 33	1 19	13 53	1 10	10 2	2 7	5 17	0 32	13 59	1 50	5 31	10 24	2 21	2 49	11 33			n.a.
M15	4 11	5 36	0s58	0 52	3 3	16 39	5 0	19 43	1 20	13 52	1 10	9 59	2 7	5 18	0 32	13 58	1 50	5 32	10 23	2 21	2 48	11 31			n.a.
T 16	3 48	9 44	2 13	0 28	2 53	16 56	5 5	19 52	1 20	13 51	1 10	9 56	2 7	5 20	0 32	13 58	1 50	5 32	10 23	2 21	2 46	11 30			n.a.
W17	3 24	13 12	3 17	0 3	2 43	17 13	5 10	20 1	1 20	13 50	1 11	9 53	2 7	5 21	0 32	13 58	1 51	5 33	10 23	2 21	2 45	11 28			n.a.
T 18	3 1	15 51	4 9	0s25	2 31	17 28	5 15	20 10	1 20	13 49	1 11	9 50	2 7	5 22	0 32	13 57	1 51	5 33	10 23	2 22	2 44	11 27			n.a.
F 19	2 38	17 35	4 47	0 54	2 18	17 44	5 19	20 19	1 20	13 48	1 11	9 48	2 7	5 24	0 32	13 57	1 51	5 34	10 23	2 22	2 42	11 25			n.a.
S 20	2 14	18 25	5 9	1 24	2 4	17 58	5 24	20 28	1 20	13 47	1 11	9 45	2 7	5 25	0 32	13 57	1 51	5 34	10 22	2 22	2 41	11 23			n.a.
S 21	1 51	18 20	5 17	1 54	1 49	18 12	5 28	20 37	1 20	13 46	1 11	9 42	2 7	5 26	0 32	13 56	1 51	5 34	10 22	2 22	2 40	11 22			n.a.
M22	1 27	17 26	5 10	2 25	1 33	18 25	5 32	20 46	1 20	13 45	1 11	9 39	2 7	5 27	0 32	13 56	1 51	5 35	10 22	2 22	2 39	11 20			n.a.
T 23	1 4	15 46	4 50	2 55	1 17	18 37	5 36	20 54	1 20	13 43	1 11	9 36	2 7	5 29	0 32	13 56	1 51	5 35	10 22	2 22	2 37	11 19			n.a.
W24	0 40	13 26	4 18	3 24	1 1	18 49	5 39	21 3	1 20	13 42	1 11	9 34	2 7	5 30	0 32	13 55	1 51	5 36	10 22	2 21	2 36	11 17			n.a.
T 25	0 17	10 34	3 35	3 53	0 44	18 59	5 43	21 11	1 21	13 41	1 11	9 31	2 8	5 31	0 32	13 55	1 51	5 36	10 21	2 21	2 35	11 16			n.a.
F 26	0n 7	7 15	2 42	4 20	0 28	19 9	5 46	21 19	1 21	13 39	1 11	9 28	2 8	5 33	0 32	13 55	1 51	5 37	10 21	2 20	2 34	11 14			n.a.
S 27	0 30	3 37	1 42	4 45	0 11	19 18	5 49	21 27	1 21	13 38	1 11	9 25	2 8	5 34	0 32	13 54	1 51	5 37	10 21	2 20	2 32	11 13			n.a.
S 28	0 53	0s12	0 37	5 8	0s 5	19 26	5 51	21 35	1 21	13 36	1 11	9 23	2 8	5 35	0 32	13 54	1 51	5 38	10 21	2 20	2 31	11 11			n.a.
M29	1 17	4 3	0n30	5 29	0 20	19 32	5 53	21 43	1 21	13 34	1 11	9 20	2 8	5 37	0 32	13 54	1 51	5 38	10 21	2 20	2 30	11 10			n.a.
T 30	1 40	7 48	1 38	5 47	0 35	19 38	5 55	21 51	1 21	13 33	1 11	9 17	2 8	5 38	0 32	13 53	1 51	5 39	10 20	2 20	2 28	11 8			n.a.
W31	2n 3	11s14	2n41	6s 3	0s50	19n43	5n57	21n58	1n21	13s31	1n11	9s14	2s 8	5n39	0s32	13s53	1n51	5n39	10s20	2s20	2s27	11n 7			n.a.

Julian Day Number = 1600584.5, Delta T = 03h59m25s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'23, Lahiri = - 8°31'22 Julian Calendar 1 March 331 BCE == Greg. Calendar 24 Feb. 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

APRIL 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 17 29	6♈ 4'47	19♏ 4	16°D43	7♉24	1♊47	8°R50	11♓48	15♈30	12°R 2	11♉37	5°R49	6♎ 3	21♌31	n.a.	T 1
F 2	12 21 26	7° 2'48	2♐ 7	16♓46	7°29	2°23	8♏45	11°55	15°33	12♏ 1	11°38	5♎49	6° 0	21°38	n.a.	F 2
S 3	12 25 22	8° 0'47	15°25	16°54	7°31	2°59	8°39	12° 2	15°36	11°59	11°39	5°49	5°57	21°44	n.a.	S 3
S 4	12 29 19	8°58'44	29° 0	17° 6	7°R32	3°34	8°34	12° 9	15°40	11°58	11°41	5°49	5°54	21°51	n.a.	S 4
M 5	12 33 16	9°56'40	12♑52	17°23	7°30	4°10	8°28	12°16	15°43	11°57	11°42	5°D49	5°50	21°58	n.a.	M 5
T 6	12 37 12	10°54'35	27° 0	17°44	7°25	4°46	8°22	12°23	15°47	11°56	11°43	5°49	5°47	22° 4	n.a.	T 6
W 7	12 41 9	11°52'29	11♒23	18°10	7°18	5°22	8°16	12°30	15°50	11°54	11°44	5°49	5°44	22°11	n.a.	W 7
T 8	12 45 5	12°50'21	25°58	18°40	7° 9	5°58	8°10	12°37	15°54	11°53	11°45	5°50	5°41	22°18	n.a.	T 8
F 9	12 49 2	13°48'11	10♓40	19°14	6°58	6°33	8° 4	12°44	15°57	11°52	11°47	5°50	5°38	22°24	n.a.	F 9
S 10	12 52 58	14°46'00	25°23	19°52	6°43	7° 9	7°57	12°51	16° 1	11°50	11°48	5°51	5°34	22°31	n.a.	S 10
S 11	12 56 55	15°43'48	10♈ 1	20°34	6°27	7°45	7°51	12°58	16° 4	11°49	11°49	5°R51	5°31	22°38	n.a.	S 11
M12	13 0 51	16°41'34	24°26	21°19	6° 8	8°21	7°44	13° 5	16° 8	11°47	11°50	5°50	5°28	22°45	n.a.	M12
T 13	13 4 48	17°39'19	8♉35	22° 8	5°47	8°57	7°38	13°12	16°11	11°46	11°52	5°49	5°25	22°51	n.a.	T 13
W14	13 8 44	18°37'02	22°22	23° 0	5°24	9°33	7°31	13°18	16°14	11°45	11°53	5°48	5°22	22°58	n.a.	W14
T 15	13 12 41	19°34'44	5♊46	23°56	4°58	10° 9	7°24	13°25	16°18	11°43	11°54	5°46	5°19	23° 5	n.a.	T 15
F 16	13 16 38	20°32'24	18°47	24°55	4°31	10°45	7°17	13°32	16°21	11°42	11°55	5°44	5°15	23°11	n.a.	F 16
S 17	13 20 34	21°30'02	1♋26	25°56	4° 1	11°21	7°10	13°38	16°25	11°40	11°57	5°43	5°12	23°18	n.a.	S 17
S 18	13 24 31	22°27'39	13°47	27° 1	3°30	11°57	7° 3	13°45	16°28	11°39	11°58	5°42	5° 9	23°25	n.a.	S 18
M19	13 28 27	23°25'14	25°53	28° 9	2°58	12°33	6°56	13°52	16°32	11°37	11°59	5°D42	5° 6	23°31	n.a.	M19
T 20	13 32 24	24°22'47	7♌49	29°20	2°23	13° 9	6°48	13°58	16°35	11°36	12° 1	5°42	5° 3	23°38	n.a.	T 20
W21	13 36 20	25°20'19	19°40	0♈33	1°48	13°45	6°41	14° 4	16°39	11°34	12° 2	5°44	5° 0	23°45	n.a.	W21
T 22	13 40 17	26°17'49	1♍30	1°49	1°12	14°22	6°34	14°11	16°42	11°33	12° 3	5°45	4°56	23°51	n.a.	T 22
F 23	13 44 13	27°15'18	13°25	3° 8	0°35	14°58	6°26	14°17	16°45	11°31	12° 5	5°47	4°53	23°58	n.a.	F 23
S 24	13 48 10	28°12'46	25°26	4°29	29♈57	15°34	6°19	14°23	16°49	11°29	12° 6	5°48	4°50	24° 5	n.a.	S 24
S 25	13 52 7	29°10'12	7♎39	5°53	29°19	16°10	6°11	14°30	16°52	11°28	12° 7	5°R48	4°47	24°11	n.a.	S 25
M26	13 56 3	0♉ 7'37	20° 5	7°19	28°41	16°46	6° 4	14°36	16°56	11°26	12° 9	5°47	4°44	24°18	n.a.	M26
T 27	14 0 0	1° 5'00	2♏45	8°48	28° 4	17°23	5°56	14°42	16°59	11°25	12°10	5°45	4°40	24°25	n.a.	T 27
W28	14 3 56	2° 2'23	15°41	10°19	27°26	17°59	5°49	14°48	17° 2	11°23	12°12	5°42	4°37	24°31	n.a.	W28
T 29	14 7 53	2°59'45	28°51	11°53	26°50	18°35	5°41	14°54	17° 6	11°21	12°13	5°39	4°34	24°38	n.a.	T 29
F 30	14 11 49	3♉57'06	12♐16	13♈30	26♈14	19♊12	5♏33	15♓ 0	17♈ 9	11♏20	12♉14	5♎34	4♎31	24♌45	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n27	14s13	3n38	6s17	1s 4	19n47	5n58	22n 6	1n21	13s29	1n12	9s12	2s 8	5n41	0s32	13s52	1n51	5n40	10s20	2s20	2s26	11n 5		n.a.
F 2	2 50	16 31	4 24	6 28	1 17	19 49	5 59	22 13	1 21	13 28	1 12	9 9	2 8	5 42	0 32	13 52	1 51	5 40	10 20	2 20	2 25	11 4		n.a.
S 3	3 13	18 0	4 58	6 37	1 30	19 50	6 0	22 20	1 21	13 26	1 12	9 6	2 9	5 43	0 32	13 52	1 51	5 41	10 20	2 20	2 23	11 2		n.a.
S 4	3 36	18 28	5 15	6 43	1 42	19 51	6 0	22 27	1 21	13 24	1 12	9 4	2 9	5 45	0 32	13 51	1 51	5 41	10 20	2 20	2 22	11 0		n.a.
M 5	3 59	17 52	5 15	6 46	1 53	19 49	5 59	22 34	1 21	13 22	1 12	9 1	2 9	5 46	0 32	13 51	1 51	5 42	10 19	2 20	2 21	10 59		n.a.
T 6	4 22	16 10	4 56	6 47	2 3	19 47	5 58	22 41	1 21	13 20	1 12	8 59	2 9	5 47	0 32	13 50	1 51	5 42	10 19	2 20	2 20	10 57		n.a.
W 7	4 45	13 26	4 18	6 46	2 12	19 44	5 57	22 47	1 21	13 18	1 12	8 56	2 9	5 49	0 32	13 50	1 51	5 43	10 19	2 20	2 18	10 56		n.a.
T 8	5 8	9 49	3 24	6 42	2 21	19 39	5 55	22 54	1 21	13 16	1 12	8 53	2 9	5 50	0 32	13 49	1 51	5 44	10 19	2 21	2 17	10 54		n.a.
F 9	5 31	5 34	2 15	6 35	2 29	19 32	5 53	23 0	1 21	13 14	1 12	8 51	2 9	5 52	0 32	13 49	1 51	5 44	10 19	2 21	2 16	10 53		n.a.
S 10	5 53	0 59	0 58	6 26	2 35	19 25	5 49	23 6	1 21	13 12	1 12	8 48	2 9	5 53	0 32	13 48	1 51	5 45	10 19	2 21	2 14	10 51		n.a.
S 11	6 16	3n39	0s23	6 15	2 42	19 16	5 46	23 12	1 21	13 10	1 12	8 46	2 10	5 54	0 32	13 48	1 51	5 45	10 19	2 21	2 13	10 50		n.a.
M12	6 38	8 1	1 41	6 2	2 47	19 5	5 42	23 18	1 21	13 8	1 12	8 43	2 10	5 56	0 32	13 48	1 51	5 46	10 18	2 21	2 12	10 48		n.a.
T 13	7 1	11 50	2 52	5 47	2 51	18 53	5 37	23 24	1 21	13 6	1 12	8 41	2 10	5 57	0 32	13 47	1 51	5 46	10 18	2 20	2 11	10 46		n.a.
W14	7 23	14 53	3 50	5 29	2 55	18 40	5 31	23 30	1 21	13 4	1 12	8 38	2 10	5 58	0 32	13 47	1 51	5 47	10 18	2 20	2 9	10 45		n.a.
T 15	7 45	17 2	4 34	5 10	2 58	18 25	5 25	23 35	1 21	13 1	1 12	8 36	2 10	6 0	0 32	13 46	1 51	5 47	10 18	2 19	2 8	10 43		n.a.
F 16	8 7	18 14	5 3	4 48	3 1	18 10	5 18	23 40	1 21	12 59	1 12	8 33	2 10	6 1	0 32	13 46	1 51	5 48	10 18	2 18	2 7	10 42		n.a.
S 17	8 29	18 28	5 15	4 25	3 2	17 52	5 11	23 45	1 21	12 57	1 12	8 31	2 11	6 2	0 32	13 45	1 52	5 48	10 18	2 18	2 6	10 40		n.a.
S 18	8 51	17 49	5 13	3 59	3 3	17 34	5 2	23 50	1 21	12 54	1 12	8 28	2 11	6 4	0 32	13 45	1 52	5 49	10 18	2 17	2 4	10 39		n.a.
M19	9 12	16 22	4 57	3 32	3 3	17 14	4 54	23 55	1 21	12 52	1 11	8 26	2 11	6 5	0 32	13 44	1 52	5 49	10 18	2 17	2 3	10 37		n.a.
T 20	9 34	14 13	4 28	3 3	3 3	16 53	4 44	24 0	1 21	12 50	1 11	8 24	2 11	6 6	0 32	13 44	1 52	5 50	10 17	2 18	2 2	10 35		n.a.
W21	9 55	11 30	3 48	2 33	3 1	16 31	4 34	24 4	1 21	12 47	1 11	8 21	2 11	6 8	0 32	13 43	1 52	5 50	10 17	2 18	2 0	10 34		n.a.
T 22	10 16	8 18	2 58	2 1	3 0	16 8	4 23	24 9	1 21	12 45	1 11	8 19	2 11	6 9	0 32	13 43	1 52	5 50	10 17	2 19	1 59	10 32		n.a.
F 23	10 37	4 45	2 0	1 27	2 57	15 44	4 12	24 13	1 21	12 43	1 11	8 17	2 12	6 10	0 32	13 42	1 52	5 51	10 17	2 19	1 58	10 31		n.a.
S 24	10 58	0 58	0 57	0 51	2 54	15 20	4 0	24 17	1 21	12 40	1 11	8 14	2 12	6 12	0 32	13 42	1 52	5 51	10 17	2 20	1 57	10 29		n.a.
S 25	11 19	2s55	0n10	0 14	2 50	14 55	3 48	24 21	1 21	12 38	1 11	8 12	2 12	6 13	0 32	13 41	1 52	5 52	10 17	2 20	1 55	10 28		n.a.
M26	11 39	6 45	1 18	0n24	2 46	14 29	3 36	24 25	1 21	12 35	1 11	8 10	2 12	6 14	0 32	13 41	1 52	5 52	10 17	2 20	1 54	10 26		n.a.
T 27	12 0	10 21	2 23	1 4	2 41	14 4	3 23	24 28	1 21	12 33	1 11	8 8	2 12	6 16	0 32	13 40	1 52	5 53	10 17	2 19	1 53	10 24		n.a.
W28	12 20	13 31	3 22	1 46	2 35	13 37	3 9	24 31	1 21	12 30	1 11	8 5	2 12	6 17	0 32	13 40	1 52	5 53	10 17	2 18	1 51	10 23		n.a.
T 29	12 40	16 4	4 11	2 28	2 29	13 11	2 56	24 35	1 21	12 28	1 11	8 3	2 13	6 18	0 32	13 39	1 52	5 54	10 17	2 16	1 50	10 21		n.a.
F 30	12n59	17s47	4n48	3n12	2s23	12n45	2n42	24n38	1n21	12s26	1n11	8s 1	2s13	6n19	0s32	13s39	1n52	5n54	10s17	2s14	1s49	10n20		n.a.

Julian Day Number = 1600615.5, Delta T = 03h59m24s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'19, Lahiri = - 8°31'18 Julian Calendar 1 Apr. 331 BCE == Greg. Calendar 27 March 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

MAY 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 15 46	4♉54'26	25♐54	15♈ 9	25°R40	19♊48	5°R26	15♓ 6	17♈12	11°R18	12♉16	5°R30	4♎28	24♌51	n.a.	S 1
S 2	14 19 42	5°51'45	9♑43	16°50	25♈ 7	20°24	5♏18	15°11	17°16	11♏17	12°17	5♎27	4°25	24°58	n.a.	S 2
M 3	14 23 39	6°49'04	23°41	18°33	24°35	21° 1	5°11	15°17	17°19	11°15	12°18	5°25	4°21	25° 5	n.a.	M 3
T 4	14 27 36	7°46'22	7♒47	20°20	24° 5	21°37	5° 3	15°23	17°22	11°13	12°20	5°D24	4°18	25°11	n.a.	T 4
W 5	14 31 32	8°43'39	21°59	22° 8	23°37	22°14	4°55	15°29	17°26	11°12	12°21	5°25	4°15	25°18	n.a.	W 5
T 6	14 35 29	9°40'56	6♓15	23°59	23°11	22°50	4°48	15°34	17°29	11°10	12°23	5°26	4°12	25°25	n.a.	T 6
F 7	14 39 25	10°38'12	20°33	25°52	22°47	23°27	4°40	15°40	17°32	11° 9	12°24	5°28	4° 9	25°31	n.a.	F 7
S 8	14 43 22	11°35'28	4♈50	27°48	22°26	24° 3	4°33	15°45	17°35	11° 7	12°25	5°R28	4° 5	25°38	n.a.	S 8
S 9	14 47 18	12°32'43	19° 2	29°45	22° 6	24°40	4°25	15°50	17°39	11° 5	12°27	5°28	4° 2	25°45	n.a.	S 9
M10	14 51 15	13°29'58	3♉ 6	1♉45	21°49	25°16	4°17	15°56	17°42	11° 4	12°28	5°25	3°59	25°51	n.a.	M10
T 11	14 55 11	14°27'12	16°57	3°47	21°35	25°53	4°10	16° 1	17°45	11° 2	12°29	5°21	3°56	25°58	n.a.	T 11
W12	14 59 8	15°24'25	0♊33	5°51	21°22	26°29	4° 3	16° 6	17°48	11° 1	12°31	5°15	3°53	26° 5	n.a.	W12
T 13	15 3 5	16°21'38	13°49	7°56	21°12	27° 6	3°55	16°11	17°51	10°59	12°32	5° 8	3°50	26°12	n.a.	T 13
F 14	15 7 1	17°18'50	26°47	10° 4	21° 5	27°43	3°48	16°16	17°55	10°57	12°34	5° 1	3°46	26°18	n.a.	F 14
S 15	15 10 58	18°16'01	9♋24	12°12	21° 0	28°19	3°41	16°21	17°58	10°56	12°35	4°55	3°43	26°25	n.a.	S 15
S 16	15 14 54	19°13'12	21°45	14°22	20°57	28°56	3°34	16°26	18° 1	10°54	12°36	4°50	3°40	26°32	n.a.	S 16
M17	15 18 51	20°10'22	3♌51	16°32	20°D56	29°33	3°27	16°31	18° 4	10°53	12°38	4°47	3°37	26°38	n.a.	M17
T 18	15 22 47	21° 7'31	15°48	18°43	20°58	0♋ 9	3°20	16°35	18° 7	10°51	12°39	4°D45	3°34	26°45	n.a.	T 18
W19	15 26 44	22° 4'39	27°39	20°54	21° 2	0°46	3°13	16°40	18°10	10°49	12°40	4°45	3°31	26°52	n.a.	W19
T 20	15 30 41	23° 1'47	9♍29	23° 6	21° 8	1°23	3° 6	16°44	18°13	10°48	12°42	4°46	3°27	26°58	n.a.	T 20
F 21	15 34 37	23°58'54	21°25	25°17	21°17	2° 0	2°59	16°49	18°16	10°46	12°43	4°48	3°24	27° 5	n.a.	F 21
S 22	15 38 34	24°56'00	3♎30	27°28	21°27	2°37	2°53	16°53	18°19	10°45	12°45	4°R48	3°21	27°12	n.a.	S 22
S 23	15 42 30	25°53'06	15°50	29°38	21°40	3°13	2°46	16°58	18°22	10°43	12°46	4°48	3°18	27°18	n.a.	S 23
M24	15 46 27	26°50'12	28°26	1♊47	21°55	3°50	2°40	17° 2	18°25	10°42	12°47	4°45	3°15	27°25	n.a.	M24
T 25	15 50 23	27°47'17	11♏22	3°55	22°11	4°27	2°33	17° 6	18°27	10°40	12°49	4°40	3°11	27°32	n.a.	T 25
W26	15 54 20	28°44'22	24°38	6° 1	22°30	5° 4	2°27	17°10	18°30	10°38	12°50	4°34	3° 8	27°38	n.a.	W26
T 27	15 58 16	29°41'27	8♐13	8° 6	22°50	5°41	2°21	17°14	18°33	10°37	12°51	4°25	3° 5	27°45	n.a.	T 27
F 28	16 2 13	0♊38'32	22° 4	10°10	23°12	6°18	2°15	17°18	18°36	10°35	12°53	4°16	3° 2	27°52	n.a.	F 28
S 29	16 6 10	1°35'37	6♑ 8	12°11	23°36	6°55	2° 9	17°22	18°39	10°34	12°54	4° 8	2°59	27°58	n.a.	S 29
S 30	16 10 6	2°32'42	20°19	14°11	24° 1	7°32	2° 3	17°25	18°41	10°33	12°55	4° 1	2°56	28° 5	n.a.	S 30
M31	16 14 3	3♊29'47	4♒34	16♊ 9	24♈28	8♋ 9	1♏58	17♓29	18♈44	10♏31	12♉57	3♎55	2♎52	28♌12	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n19	18s32	5n 9	3n57	2s15	12n20	2n28	24n41	1n21	12s23	1n11	7s59	2s13	6n21	0s32	13s38	1n52	5n55	10s17	2s13	1s48	10n18		n.a.
S 2	13 38	18 11	5 12	4 44	2 8	11 54	2 14	24 43	1 21	12 21	1 10	7 57	2 13	6 22	0 32	13 38	1 52	5 55	10 16	2 11	1 46	10 16		n.a.
M 3	13 57	16 45	4 57	5 31	2 0	11 29	2 0	24 46	1 21	12 18	1 10	7 55	2 13	6 23	0 32	13 37	1 52	5 56	10 16	2 11	1 45	10 15		n.a.
T 4	14 16	14 17	4 25	6 19	1 51	11 5	1 46	24 48	1 21	12 16	1 10	7 53	2 14	6 25	0 32	13 37	1 52	5 56	10 16	2 10	1 44	10 13		n.a.
W 5	14 35	10 57	3 35	7 9	1 42	10 42	1 32	24 50	1 20	12 13	1 10	7 51	2 14	6 26	0 32	13 36	1 52	5 57	10 16	2 11	1 43	10 12		n.a.
T 6	14 53	6 58	2 33	7 59	1 33	10 19	1 18	24 52	1 20	12 11	1 10	7 49	2 14	6 27	0 32	13 36	1 52	5 57	10 16	2 11	1 41	10 10		n.a.
F 7	15 12	2 33	1 21	8 50	1 23	9 57	1 4	24 54	1 20	12 8	1 10	7 47	2 14	6 28	0 32	13 35	1 52	5 58	10 16	2 12	1 40	10 9		n.a.
S 8	15 30	2n 0	0 3	9 41	1 13	9 37	0 50	24 56	1 20	12 6	1 10	7 45	2 15	6 30	0 32	13 35	1 52	5 58	10 16	2 12	1 39	10 7		n.a.
S 9	15 47	6 25	1s13	10 33	1 3	9 17	0 37	24 58	1 20	12 3	1 10	7 43	2 15	6 31	0 32	13 34	1 52	5 58	10 16	2 12	1 37	10 5		n.a.
M10	16 5	10 26	2 25	11 25	0 52	8 58	0 24	24 59	1 20	12 1	1 9	7 41	2 15	6 32	0 32	13 34	1 52	5 59	10 16	2 11	1 36	10 4		n.a.
T 11	16 22	13 49	3 26	12 17	0 41	8 41	0 11	25 0	1 20	11 59	1 9	7 39	2 15	6 33	0 32	13 33	1 52	5 59	10 16	2 9	1 35	10 2		n.a.
W12	16 39	16 22	4 15	13 9	0 31	8 25	0s 1	25 1	1 20	11 56	1 9	7 37	2 15	6 35	0 32	13 33	1 52	6 0	10 16	2 7	1 34	10 1		n.a.
T 13	16 56	17 58	4 48	14 1	0 20	8 10	0 13	25 2	1 20	11 54	1 9	7 36	2 16	6 36	0 32	13 32	1 52	6 0	10 16	2 4	1 32	9 59		n.a.
F 14	17 12	18 35	5 6	14 52	0 9	7 56	0 25	25 2	1 20	11 52	1 9	7 34	2 16	6 37	0 32	13 32	1 52	6 1	10 16	2 1	1 31	9 57		n.a.
S 15	17 29	18 16	5 8	15 43	0n 2	7 44	0 37	25 3	1 20	11 49	1 9	7 32	2 16	6 38	0 32	13 31	1 52	6 1	10 16	1 59	1 30	9 56		n.a.
S 16	17 45	17 5	4 56	16 33	0 13	7 32	0 48	25 3	1 20	11 47	1 8	7 30	2 16	6 39	0 32	13 31	1 52	6 2	10 16	1 57	1 29	9 54		n.a.
M17	18 0	15 8	4 31	17 21	0 23	7 22	0 58	25 3	1 19	11 45	1 8	7 29	2 17	6 41	0 32	13 30	1 52	6 2	10 16	1 55	1 27	9 53		n.a.
T 18	18 16	12 35	3 54	18 8	0 33	7 13	1 8	25 3	1 19	11 43	1 8	7 27	2 17	6 42	0 32	13 30	1 52	6 2	10 16	1 55	1 26	9 51		n.a.
W19	18 31	9 31	3 7	18 54	0 43	7 6	1 18	25 3	1 19	11 40	1 8	7 26	2 17	6 43	0 32	13 29	1 52	6 3	10 16	1 55	1 25	9 49		n.a.
T 20	18 45	6 4	2 12	19 37	0 52	7 0	1 28	25 3	1 19	11 38	1 8	7 24	2 17	6 44	0 32	13 29	1 52	6 3	10 16	1 55	1 23	9 48		n.a.
F 21	19 0	2 21	1 12	20 19	1 1	6 54	1 37	25 2	1 19	11 36	1 8	7 22	2 18	6 45	0 32	13 28	1 51	6 4	10 16	1 56	1 22	9 46		n.a.
S 22	19 14	1s31	0 7	20 58	1 10	6 50	1 45	25 1	1 19	11 34	1 7	7 21	2 18	6 46	0 32	13 28	1 51	6 4	10 16	1 56	1 21	9 44		n.a.
S 23	19 28	5 24	0n59	21 35	1 17	6 47	1 54	25 0	1 19	11 32	1 7	7 19	2 18	6 47	0 32	13 28	1 51	6 4	10 16	1 56	1 20	9 43		n.a.
M24	19 41	9 8	2 4	22 9	1 25	6 46	2 2	24 59	1 19	11 30	1 7	7 18	2 18	6 48	0 32	13 27	1 51	6 5	10 16	1 55	1 18	9 41		n.a.
T 25	19 55	12 31	3 4	22 41	1 31	6 45	2 9	24 58	1 19	11 28	1 7	7 17	2 19	6 50	0 32	13 27	1 51	6 5	10 16	1 53	1 17	9 40		n.a.
W26	20 7	15 22	3 55	23 10	1 37	6 45	2 16	24 56	1 18	11 26	1 7	7 15	2 19	6 51	0 32	13 26	1 51	6 5	10 16	1 50	1 16	9 38		n.a.
T 27	20 20	17 26	4 34	23 36	1 42	6 46	2 23	24 55	1 18	11 24	1 6	7 14	2 19	6 52	0 32	13 26	1 51	6 6	10 16	1 47	1 14	9 36		n.a.
F 28	20 32	18 32	4 58	24 0	1 46	6 49	2 30	24 53	1 18	11 22	1 6	7 13	2 19	6 53	0 32	13 25	1 51	6 6	10 16	1 43	1 13	9 35		n.a.
S 29	20 44	18 31	5 5	24 21	1 50	6 52	2 36	24 51	1 18	11 20	1 6	7 11	2 20	6 54	0 32	13 25	1 51	6 7	10 16	1 40	1 12	9 33		n.a.
S 30	20 55	17 21	4 53	24 39	1 53	6 56	2 41	24 49	1 18	11 19	1 6	7 10	2 20	6 55	0 32	13 24	1 51	6 7	10 16	1 37	1 11	9 31		n.a.
M31	21n 7	15s 6	4n23	24n55	1n55	7n 1	2s47	24n46	1n18	11s17	1n 5	7s 9	2s20	6n56	0s32	13s24	1n51	6n 7	10s16	1s35	1s 9	9n30		n.a.

Julian Day Number = 1600645.5, Delta T = 03h59m23s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'15, Lahiri = - 8°31'14 Julian Calendar 1 May 331 BCE == Greg. Calendar 26 Apr. 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

JUNE 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 17 59	4♊26'52	18♒48	18♊ 6	24♈57	8♋46	1°R52	17♓33	18♈47	10°R30	12♉58	3°R52	2♎49	28♌18	n.a.	T 1
W 2	16 21 56	5°23'58	3♓ 0	20° 0	25°27	9°23	1♏47	17°36	18°49	10♏28	12°59	3°D51	2°46	28°25	n.a.	W 2
T 3	16 25 52	6°21'04	17° 7	21°52	25°58	10° 0	1°42	17°39	18°52	10°27	13° 1	3♎51	2°43	28°32	n.a.	T 3
F 4	16 29 49	7°18'10	1♈ 8	23°42	26°31	10°37	1°37	17°43	18°54	10°25	13° 2	3°R52	2°40	28°38	n.a.	F 4
S 5	16 33 45	8°15'17	15° 3	25°31	27° 5	11°14	1°32	17°46	18°57	10°24	13° 3	3°51	2°37	28°45	n.a.	S 5
S 6	16 37 42	9°12'25	28°51	27°17	27°41	11°51	1°27	17°49	18°59	10°23	13° 4	3°49	2°33	28°52	n.a.	S 6
M 7	16 41 39	10° 9'33	12♉30	29° 1	28°17	12°29	1°23	17°52	19° 2	10°21	13° 6	3°44	2°30	28°58	n.a.	M 7
T 8	16 45 35	11° 6'41	25°58	0♋43	28°55	13° 6	1°18	17°55	19° 4	10°20	13° 7	3°37	2°27	29° 5	n.a.	T 8
W 9	16 49 32	12° 3'49	9♊13	2°23	29°34	13°43	1°14	17°58	19° 7	10°19	13° 8	3°27	2°24	29°12	n.a.	W 9
T 10	16 53 28	13° 0'58	22°15	4° 2	0♉14	14°20	1°10	18° 0	19° 9	10°17	13° 9	3°15	2°21	29°18	n.a.	T 10
F 11	16 57 25	13°58'08	5♋ 1	5°38	0°55	14°58	1° 6	18° 3	19°11	10°16	13°11	3° 4	2°17	29°25	n.a.	F 11
S 12	17 1 21	14°55'17	17°31	7°12	1°37	15°35	1° 2	18° 5	19°14	10°15	13°12	2°53	2°14	29°32	n.a.	S 12
S 13	17 5 18	15°52'27	29°47	8°44	2°20	16°12	0°59	18° 8	19°16	10°13	13°13	2°43	2°11	29°38	n.a.	S 13
M14	17 9 14	16°49'37	11♌50	10°14	3° 4	16°50	0°55	18°10	19°18	10°12	13°14	2°36	2° 8	29°45	n.a.	M14
T 15	17 13 11	17°46'48	23°45	11°42	3°48	17°27	0°52	18°12	19°20	10°11	13°15	2°31	2° 5	29°52	n.a.	T 15
W16	17 17 8	18°43'58	5♍34	13° 8	4°34	18° 4	0°49	18°14	19°23	10°10	13°17	2°29	2° 2	29°58	n.a.	W16
T 17	17 21 4	19°41'09	17°24	14°32	5°20	18°42	0°46	18°16	19°25	10° 9	13°18	2°D28	1°58	0♍ 5	n.a.	T 17
F 18	17 25 1	20°38'20	29°19	15°53	6° 8	19°19	0°43	18°18	19°27	10° 8	13°19	2°R28	1°55	0°12	n.a.	F 18
S 19	17 28 57	21°35'32	11♎25	17°12	6°56	19°57	0°41	18°20	19°29	10° 6	13°20	2°28	1°52	0°18	n.a.	S 19
S 20	17 32 54	22°32'44	23°46	18°30	7°44	20°34	0°38	18°22	19°31	10° 5	13°21	2°27	1°49	0°25	n.a.	S 20
M21	17 36 50	23°29'56	6♏29	19°44	8°34	21°12	0°36	18°23	19°33	10° 4	13°22	2°23	1°46	0°32	n.a.	M21
T 22	17 40 47	24°27'09	19°34	20°57	9°24	21°49	0°34	18°25	19°34	10° 3	13°23	2°17	1°43	0°38	n.a.	T 22
W23	17 44 43	25°24'22	3♐ 5	22° 7	10°15	22°27	0°32	18°26	19°36	10° 2	13°24	2° 8	1°39	0°45	n.a.	W23
T 24	17 48 40	26°21'37	16°59	23°14	11° 6	23° 5	0°30	18°28	19°38	10° 1	13°25	1°58	1°36	0°52	n.a.	T 24
F 25	17 52 37	27°18'52	1♑14	24°19	11°58	23°42	0°29	18°29	19°40	10° 0	13°26	1°46	1°33	0°58	n.a.	F 25
S 26	17 56 33	28°16'08	15°43	25°22	12°51	24°20	0°28	18°30	19°42	9°59	13°28	1°35	1°30	1° 5	n.a.	S 26
S 27	18 0 30	29°13'24	0♒20	26°21	13°44	24°58	0°26	18°31	19°43	9°58	13°29	1°25	1°27	1°12	n.a.	S 27
M28	18 4 26	0♋10'42	14°58	27°18	14°38	25°35	0°26	18°32	19°45	9°57	13°30	1°18	1°23	1°18	n.a.	M28
T 29	18 8 23	1° 8'01	29°30	28°11	15°33	26°13	0°25	18°33	19°47	9°57	13°31	1°14	1°20	1°25	n.a.	T 29
W30	18 12 19	2♋ 5'21	13♓51	29♋ 2	16♉28	26♋51	0♏24	18♓33	19♈48	9♏56	13♉32	1♎12	1♎17	1♍32	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n17	11s56	3n37	25n 8	1n57	7n 7	2s52	24n44	1n18	11s15	1n 5	7s 8	2s20	6n57	0s32	13s23	1n51	6n 8	10s16	1s33	1s 8	9n28		n.a.
W 2	21 28	8 5	2 37	25 19	1 58	7 13	2 57	24 41	1 17	11 14	1 5	7 7	2 21	6 58	0 32	13 23	1 51	6 8	10 16	1 33	1 7	9 27		n.a.
T 3	21 38	3 48	1 28	25 27	1 58	7 20	3 1	24 38	1 17	11 12	1 5	7 6	2 21	6 59	0 32	13 23	1 51	6 8	10 16	1 33	1 6	9 25		n.a.
F 4	21 48	0n41	0 15	25 33	1 58	7 28	3 5	24 35	1 17	11 10	1 4	7 5	2 21	7 0	0 32	13 22	1 51	6 9	10 16	1 33	1 4	9 23		n.a.
S 5	21 57	5 5	0s59	25 36	1 57	7 37	3 9	24 32	1 17	11 9	1 4	7 4	2 22	7 1	0 32	13 22	1 51	6 9	10 16	1 33	1 3	9 22		n.a.
S 6	22 6	9 11	2 9	25 38	1 55	7 46	3 13	24 28	1 17	11 8	1 4	7 3	2 22	7 2	0 32	13 21	1 51	6 9	10 16	1 32	1 2	9 20		n.a.
M 7	22 15	12 45	3 10	25 37	1 53	7 56	3 16	24 25	1 17	11 6	1 4	7 2	2 22	7 3	0 32	13 21	1 51	6 10	10 16	1 30	1 0	9 18		n.a.
T 8	22 23	15 36	4 0	25 34	1 50	8 7	3 19	24 21	1 17	11 5	1 3	7 1	2 22	7 4	0 32	13 21	1 51	6 10	10 16	1 27	0 59	9 17		n.a.
W 9	22 31	17 33	4 36	25 29	1 47	8 18	3 22	24 17	1 16	11 4	1 3	7 0	2 23	7 4	0 32	13 20	1 51	6 10	10 17	1 23	0 58	9 15		n.a.
T 10	22 38	18 34	4 57	25 23	1 43	8 30	3 25	24 13	1 16	11 2	1 3	6 59	2 23	7 5	0 32	13 20	1 51	6 10	10 17	1 19	0 57	9 13		n.a.
F 11	22 45	18 36	5 2	25 15	1 38	8 42	3 27	24 8	1 16	11 1	1 3	6 58	2 23	7 6	0 32	13 20	1 51	6 11	10 17	1 14	0 55	9 12		n.a.
S 12	22 52	17 44	4 52	25 5	1 33	8 55	3 29	24 4	1 16	11 0	1 2	6 58	2 24	7 7	0 32	13 19	1 51	6 11	10 17	1 9	0 54	9 10		n.a.
S 13	22 58	16 3	4 30	24 54	1 28	9 8	3 31	23 59	1 16	10 59	1 2	6 57	2 24	7 8	0 32	13 19	1 51	6 11	10 17	1 6	0 53	9 9		n.a.
M14	23 4	13 41	3 55	24 41	1 21	9 21	3 33	23 54	1 16	10 58	1 2	6 56	2 24	7 9	0 32	13 18	1 51	6 12	10 17	1 3	0 51	9 7		n.a.
T 15	23 10	10 47	3 10	24 27	1 15	9 35	3 34	23 49	1 15	10 57	1 2	6 56	2 24	7 10	0 32	13 18	1 51	6 12	10 17	1 1	0 50	9 5		n.a.
W16	23 15	7 27	2 18	24 12	1 8	9 49	3 36	23 44	1 15	10 56	1 1	6 55	2 25	7 10	0 32	13 18	1 51	6 12	10 17	1 0	0 49	9 4		n.a.
T 17	23 20	3 50	1 19	23 56	1 0	10 4	3 37	23 39	1 15	10 56	1 1	6 55	2 25	7 11	0 32	13 17	1 51	6 12	10 17	1 0	0 48	9 2		n.a.
F 18	23 24	0 1	0 17	23 39	0 53	10 19	3 37	23 33	1 15	10 55	1 1	6 54	2 25	7 12	0 32	13 17	1 51	6 13	10 17	1 0	0 46	9 0		n.a.
S 19	23 28	3s51	0n47	23 20	0 44	10 34	3 38	23 28	1 15	10 54	1 1	6 54	2 26	7 13	0 33	13 17	1 50	6 13	10 17	1 0	0 45	8 59		n.a.
S 20	23 31	7 38	1 50	23 1	0 35	10 49	3 38	23 22	1 15	10 54	1 0	6 53	2 26	7 13	0 33	13 17	1 50	6 13	10 17	0 59	0 44	8 57		n.a.
M21	23 34	11 10	2 50	22 42	0 26	11 5	3 39	23 16	1 14	10 53	1 0	6 53	2 26	7 14	0 33	13 16	1 50	6 13	10 18	0 57	0 43	8 55		n.a.
T 22	23 37	14 17	3 42	22 21	0 17	11 21	3 39	23 9	1 14	10 53	1 0	6 53	2 26	7 15	0 33	13 16	1 50	6 14	10 18	0 55	0 41	8 54		n.a.
W23	23 39	16 43	4 23	22 0	0 7	11 37	3 39	23 3	1 14	10 52	1 0	6 52	2 27	7 16	0 33	13 16	1 50	6 14	10 18	0 52	0 40	8 52		n.a.
T 24	23 41	18 16	4 51	21 39	0s 3	11 53	3 38	22 57	1 14	10 52	0 59	6 52	2 27	7 16	0 33	13 15	1 50	6 14	10 18	0 47	0 39	8 50		n.a.
F 25	23 42	18 43	5 1	21 17	0 14	12 9	3 38	22 50	1 14	10 52	0 59	6 52	2 27	7 17	0 33	13 15	1 50	6 14	10 18	0 43	0 37	8 49		n.a.
S 26	23 43	17 58	4 52	20 55	0 25	12 26	3 38	22 43	1 13	10 51	0 59	6 52	2 28	7 18	0 33	13 15	1 50	6 14	10 18	0 38	0 36	8 47		n.a.
S 27	23 44	16 2	4 24	20 33	0 36	12 43	3 37	22 36	1 13	10 51	0 58	6 52	2 28	7 18	0 33	13 15	1 50	6 15	10 18	0 34	0 35	8 45		n.a.
M28	23 44	13 4	3 38	20 11	0 47	12 59	3 36	22 29	1 13	10 51	0 58	6 51	2 28	7 19	0 33	13 14	1 50	6 15	10 18	0 32	0 34	8 44		n.a.
T 29	23 44	9 18	2 39	19 49	0 59	13 16	3 35	22 21	1 13	10 51	0 58	6 51	2 28	7 19	0 33	13 14	1 50	6 15	10 18	0 30	0 32	8 42		n.a.
W30	23n43	5s 2	1n30	19n27	1s11	13n33	3s34	22n14	1n12	10s51	0n58	6s51	2s29	7n20	0s33	13s14	1n50	6n15	10s19	0s29	0s31	8n40		n.a.

Julian Day Number = 1600676.5, Delta T = 03h59m22s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'10, Lahiri = - 8°31'10 Julian Calendar 1 June 331 BCE == Greg. Calendar 27 May 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

JULY 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 16 16	3♋ 2'43	28♓ 1	29♋49	17♉23	27♋29	0°R24	18♓34	19♈50	9°R55	13♉33	1°R11	1♎14	1♍38	n.a.	T 1
F 2	18 20 13	4° 0'06	11♈56	0♌32	18°19	28° 6	0♏24	18°34	19°51	9♏54	13°33	1♎11	1°11	1°45	n.a.	F 2
S 3	18 24 9	4°57'30	25°39	1°12	19°16	28°44	0°D24	18°35	19°53	9°53	13°34	1°10	1° 8	1°52	n.a.	S 3
S 4	18 28 6	5°54'55	9♉ 8	1°48	20°12	29°22	0°24	18°35	19°54	9°53	13°35	1° 7	1° 4	1°58	n.a.	S 4
M 5	18 32 2	6°52'22	22°26	2°20	21°10	0♌ 0	0°24	18°35	19°55	9°52	13°36	1° 2	1° 1	2° 5	n.a.	M 5
T 6	18 35 59	7°49'51	5♊32	2°48	22° 8	0°38	0°25	18°R35	19°57	9°51	13°37	0°53	0°58	2°12	n.a.	T 6
W 7	18 39 55	8°47'20	18°27	3°12	23° 6	1°16	0°25	18°35	19°58	9°51	13°38	0°42	0°55	2°18	n.a.	W 7
T 8	18 43 52	9°44'51	1♋ 9	3°31	24° 4	1°54	0°26	18°35	19°59	9°50	13°39	0°30	0°52	2°25	n.a.	T 8
F 9	18 47 48	10°42'24	13°40	3°45	25° 3	2°32	0°27	18°35	20° 0	9°49	13°40	0°17	0°48	2°32	n.a.	F 9
S 10	18 51 45	11°39'57	25°59	3°54	26° 3	3°10	0°29	18°34	20° 1	9°49	13°41	0° 4	0°45	2°38	n.a.	S 10
S 11	18 55 42	12°37'32	8♌ 6	3°R58	27° 2	3°48	0°30	18°34	20° 2	9°48	13°41	29♍53	0°42	2°45	n.a.	S 11
M12	18 59 38	13°35'08	20° 4	3°56	28° 3	4°26	0°32	18°33	20° 3	9°48	13°42	29°45	0°39	2°52	n.a.	M12
T 13	19 3 35	14°32'45	1♍55	3°50	29° 3	5° 4	0°34	18°33	20° 4	9°47	13°43	29°39	0°36	2°58	n.a.	T 13
W14	19 7 31	15°30'23	13°42	3°37	0♊ 4	5°43	0°36	18°32	20° 5	9°47	13°44	29°36	0°33	3° 5	n.a.	W14
T 15	19 11 28	16°28'02	25°30	3°19	1° 5	6°21	0°38	18°31	20° 6	9°46	13°44	29°D35	0°29	3°12	n.a.	T 15
F 16	19 15 24	17°25'43	7♎24	2°56	2° 6	6°59	0°40	18°30	20° 7	9°46	13°45	29°35	0°26	3°18	n.a.	F 16
S 17	19 19 21	18°23'24	19°28	2°27	3° 8	7°37	0°43	18°29	20° 7	9°46	13°46	29°R35	0°23	3°25	n.a.	S 17
S 18	19 23 17	19°21'07	1♏48	1°53	4°10	8°16	0°45	18°28	20° 8	9°45	13°46	29°35	0°20	3°32	n.a.	S 18
M19	19 27 14	20°18'51	14°30	1°14	5°12	8°54	0°48	18°26	20° 9	9°45	13°47	29°32	0°17	3°38	n.a.	M19
T 20	19 31 11	21°16'37	27°37	0°31	6°15	9°32	0°51	18°25	20° 9	9°45	13°48	29°27	0°14	3°45	n.a.	T 20
W21	19 35 7	22°14'24	11♐12	29♋43	7°18	10°11	0°55	18°24	20°10	9°45	13°48	29°20	0°10	3°52	n.a.	W21
T 22	19 39 4	23°12'12	25°15	28°53	8°21	10°49	0°58	18°22	20°10	9°44	13°49	29°12	0° 7	3°58	n.a.	T 22
F 23	19 43 0	24°10'02	9♑43	28° 1	9°25	11°28	1° 2	18°20	20°11	9°44	13°50	29° 2	0° 4	4° 5	n.a.	F 23
S 24	19 46 57	25° 7'53	24°31	27° 7	10°28	12° 6	1° 5	18°18	20°11	9°44	13°50	28°52	0° 1	4°12	n.a.	S 24
S 25	19 50 53	26° 5'46	9♒29	26°13	11°32	12°45	1° 9	18°17	20°12	9°44	13°51	28°44	29♍58	4°18	n.a.	S 25
M26	19 54 50	27° 3'40	24°29	25°20	12°36	13°23	1°13	18°15	20°12	9°44	13°51	28°38	29°54	4°25	n.a.	M26
T 27	19 58 46	28° 1'37	9♓23	24°29	13°41	14° 2	1°18	18°12	20°12	9°D44	13°52	28°34	29°51	4°32	n.a.	T 27
W28	20 2 43	28°59'35	24° 2	23°41	14°46	14°40	1°22	18°10	20°12	9°44	13°52	28°D33	29°48	4°38	n.a.	W28
T 29	20 6 40	29°57'35	8♈23	22°57	15°51	15°19	1°27	18° 8	20°13	9°44	13°53	28°33	29°45	4°45	n.a.	T 29
F 30	20 10 36	0♌55'37	22°24	22°18	16°56	15°58	1°31	18° 6	20°13	9°44	13°53	28°34	29°42	4°52	n.a.	F 30
S 31	20 14 33	1♌53'42	6♉ 5	21♋45	18♊ 1	16♌36	1♏36	18♓ 3	20♈13	9♏44	13♉53	28°R34	29♍39	4♍58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n42	0s33	0n17	19n 5	1s23	13n50	3s32	22n 6	1n12	10s51	0n57	6s51	2s29	7n21	0s33	13s14	1n50	6n15	10s19	0s29	0s30	8n39		n.a.
F 2	23 40	3n55	0s57	18 44	1 35	14 7	3 31	21 58	1 12	10 52	0 57	6 52	2 29	7 21	0 33	13 14	1 50	6 15	10 19	0 29	0 28	8 37		n.a.
S 3	23 38	8 5	2 6	18 23	1 48	14 24	3 30	21 50	1 12	10 52	0 57	6 52	2 30	7 22	0 33	13 13	1 50	6 15	10 19	0 28	0 27	8 35		n.a.
S 4	23 36	11 47	3 6	18 3	2 0	14 41	3 28	21 42	1 12	10 52	0 56	6 52	2 30	7 22	0 33	13 13	1 50	6 16	10 19	0 27	0 26	8 34		n.a.
M 5	23 33	14 48	3 56	17 44	2 13	14 57	3 26	21 34	1 11	10 53	0 56	6 52	2 30	7 23	0 33	13 13	1 50	6 16	10 19	0 25	0 25	8 32		n.a.
T 6	23 30	17 2	4 32	17 25	2 25	15 14	3 24	21 25	1 11	10 53	0 56	6 52	2 31	7 23	0 33	13 13	1 50	6 16	10 19	0 21	0 23	8 30		n.a.
W 7	23 26	18 21	4 54	17 7	2 38	15 31	3 22	21 16	1 11	10 53	0 56	6 53	2 31	7 23	0 33	13 13	1 50	6 16	10 19	0 17	0 22	8 29		n.a.
T 8	23 22	18 43	5 1	16 51	2 50	15 47	3 20	21 8	1 11	10 54	0 55	6 53	2 31	7 24	0 33	13 13	1 49	6 16	10 20	0 12	0 21	8 27		n.a.
F 9	23 18	18 10	4 53	16 36	3 3	16 4	3 18	20 59	1 10	10 55	0 55	6 53	2 31	7 24	0 33	13 12	1 49	6 16	10 20	0 7	0 20	8 25		n.a.
S 10	23 13	16 46	4 31	16 22	3 14	16 20	3 15	20 50	1 10	10 55	0 55	6 54	2 32	7 25	0 33	13 12	1 49	6 16	10 20	0 2	0 18	8 24		n.a.
S 11	23 7	14 39	3 57	16 10	3 26	16 36	3 13	20 40	1 10	10 56	0 55	6 54	2 32	7 25	0 33	13 12	1 49	6 16	10 20	0n 3	0 17	8 22		n.a.
M12	23 2	11 55	3 13	15 59	3 37	16 52	3 10	20 31	1 10	10 57	0 54	6 55	2 32	7 25	0 33	13 12	1 49	6 16	10 20	0 6	0 16	8 20		n.a.
T 13	22 56	8 43	2 21	15 50	3 48	17 8	3 8	20 21	1 10	10 58	0 54	6 55	2 33	7 26	0 33	13 12	1 49	6 17	10 20	0 8	0 14	8 19		n.a.
W14	22 49	5 12	1 23	15 44	3 58	17 24	3 5	20 12	1 9	10 59	0 54	6 56	2 33	7 26	0 33	13 12	1 49	6 17	10 21	0 10	0 13	8 17		n.a.
T 15	22 42	1 29	0 22	15 39	4 7	17 39	3 2	20 2	1 9	11 0	0 54	6 56	2 33	7 26	0 33	13 12	1 49	6 17	10 21	0 10	0 12	8 15		n.a.
F 16	22 35	2s20	0n42	15 36	4 15	17 54	2 59	19 52	1 9	11 1	0 53	6 57	2 33	7 27	0 33	13 12	1 49	6 17	10 21	0 10	0 11	8 14		n.a.
S 17	22 27	6 6	1 44	15 36	4 22	18 9	2 57	19 42	1 9	11 2	0 53	6 58	2 34	7 27	0 33	13 12	1 49	6 17	10 21	0 10	0 9	8 12		n.a.
S 18	22 19	9 42	2 43	15 38	4 28	18 24	2 53	19 31	1 8	11 3	0 53	6 58	2 34	7 27	0 33	13 12	1 49	6 17	10 21	0 10	0 8	8 10		n.a.
M19	22 10	12 57	3 35	15 42	4 32	18 38	2 50	19 21	1 8	11 5	0 52	6 59	2 34	7 27	0 33	13 12	1 49	6 17	10 21	0 11	0 7	8 9		n.a.
T 20	22 2	15 40	4 19	15 49	4 35	18 52	2 47	19 10	1 8	11 6	0 52	7 0	2 35	7 28	0 33	13 12	1 49	6 17	10 21	0 13	0 5	8 7		n.a.
W21	21 52	17 38	4 49	15 58	4 36	19 6	2 44	18 59	1 7	11 7	0 52	7 1	2 35	7 28	0 33	13 12	1 49	6 17	10 22	0 16	0 4	8 5		n.a.
T 22	21 43	18 36	5 3	16 9	4 35	19 19	2 41	18 49	1 7	11 9	0 52	7 2	2 35	7 28	0 33	13 12	1 49	6 17	10 22	0 19	0 3	8 3		n.a.
F 23	21 33	18 25	4 58	16 22	4 32	19 33	2 37	18 38	1 7	11 10	0 51	7 3	2 35	7 28	0 33	13 12	1 49	6 17	10 22	0 23	0 2	8 2		n.a.
S 24	21 22	16 59	4 34	16 37	4 28	19 45	2 34	18 26	1 7	11 12	0 51	7 4	2 36	7 28	0 33	13 12	1 48	6 17	10 22	0 27	0 0	8 0		n.a.
S 25	21 11	14 23	3 51	16 53	4 21	19 58	2 30	18 15	1 6	11 13	0 51	7 5	2 36	7 28	0 33	13 12	1 48	6 17	10 22	0 31	0n 1	7 58		n.a.
M26	21 0	10 50	2 52	17 11	4 13	20 10	2 27	18 4	1 6	11 15	0 51	7 6	2 36	7 29	0 33	13 12	1 48	6 17	10 23	0 33	0 2	7 57		n.a.
T 27	20 49	6 36	1 41	17 30	4 3	20 21	2 23	17 52	1 6	11 17	0 50	7 7	2 37	7 29	0 33	13 12	1 48	6 17	10 23	0 35	0 3	7 55		n.a.
W28	20 37	2 2	0 24	17 50	3 51	20 32	2 20	17 41	1 6	11 19	0 50	7 8	2 37	7 29	0 33	13 12	1 48	6 17	10 23	0 35	0 5	7 53		n.a.
T 29	20 24	2n34	0s53	18 11	3 37	20 43	2 16	17 29	1 5	11 20	0 50	7 9	2 37	7 29	0 33	13 12	1 48	6 17	10 23	0 35	0 6	7 52		n.a.
F 30	20 12	6 54	2 4	18 32	3 23	20 53	2 12	17 17	1 5	11 22	0 50	7 10	2 37	7 29	0 33	13 12	1 48	6 17	10 23	0 35	0 7	7 50		n.a.
S 31	19n59	10n46	3s 7	18n53	3s 7	21n 3	2s 9	17n 5	1n 5	11s24	0n49	7s11	2s38	7n29	0s33	13s12	1n48	6n17	10s23	0n35	0n 9	7n48		n.a.

Julian Day Number = 1600706.5, Delta T = 03h59m21s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'06, Lahiri = - 8°31'06 Julian Calendar 1 July 331 BCE == Greg. Calendar 26 June 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

AUGUST 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 18 29	2♌51'48	19♉27	21°R19	19♊ 7	17♌15	1♏41	18°R 1	20°R13	9♏44	13♉54	28°R32	29♍35	5♍ 5	n.a.	S 1
M 2	20 22 26	3°49'57	2♊33	21♋ 1	20°13	17°54	1°47	17♓58	20♈13	9°45	13°54	28♍29	29°32	5°12	n.a.	M 2
T 3	20 26 22	4°48'07	15°23	20°51	21°19	18°33	1°52	17°55	20°13	9°45	13°55	28°23	29°29	5°18	n.a.	T 3
W 4	20 30 19	5°46'20	28° 0	20°D49	22°25	19°12	1°58	17°52	20°13	9°45	13°55	28°15	29°26	5°25	n.a.	W 4
T 5	20 34 15	6°44'35	10♋26	20°56	23°32	19°50	2° 3	17°49	20°12	9°45	13°55	28° 6	29°23	5°32	n.a.	T 5
F 6	20 38 12	7°42'52	22°41	21°12	24°38	20°29	2° 9	17°46	20°12	9°45	13°56	27°57	29°20	5°38	n.a.	F 6
S 7	20 42 9	8°41'11	4♌48	21°36	25°45	21° 8	2°15	17°43	20°12	9°46	13°56	27°47	29°16	5°45	n.a.	S 7
S 8	20 46 5	9°39'31	16°46	22° 9	26°52	21°47	2°21	17°40	20°11	9°46	13°56	27°40	29°13	5°51	n.a.	S 8
M 9	20 50 2	10°37'54	28°38	22°50	28° 0	22°26	2°28	17°37	20°11	9°47	13°56	27°34	29°10	5°58	n.a.	M 9
T 10	20 53 58	11°36'18	10♍26	23°40	29° 7	23° 5	2°34	17°34	20°11	9°47	13°57	27°30	29° 7	6° 5	n.a.	T 10
W11	20 57 55	12°34'44	22°12	24°37	0♋15	23°44	2°41	17°30	20°10	9°47	13°57	27°D28	29° 4	6°11	n.a.	W11
T 12	21 1 51	13°33'12	4♎ 0	25°41	1°22	24°24	2°48	17°27	20°10	9°48	13°57	27°28	29° 0	6°18	n.a.	T 12
F 13	21 5 48	14°31'42	15°54	26°52	2°30	25° 3	2°54	17°23	20° 9	9°48	13°57	27°29	28°57	6°25	n.a.	F 13
S 14	21 9 44	15°30'14	27°57	28° 9	3°38	25°42	3° 1	17°19	20° 8	9°49	13°57	27°31	28°54	6°31	n.a.	S 14
S 15	21 13 41	16°28'47	10♏16	29°32	4°47	26°21	3° 9	17°16	20° 8	9°50	13°57	27°32	28°51	6°38	n.a.	S 15
M16	21 17 37	17°27'22	22°54	0♌59	5°55	27° 1	3°16	17°12	20° 7	9°50	13°57	27°R32	28°48	6°45	n.a.	M16
T 17	21 21 34	18°25'59	5♐57	2°32	7° 4	27°40	3°23	17° 8	20° 6	9°51	13°57	27°31	28°45	6°51	n.a.	T 17
W18	21 25 31	19°24'38	19°27	4° 8	8°13	28°19	3°31	17° 4	20° 5	9°52	13°57	27°28	28°41	6°58	n.a.	W18
T 19	21 29 27	20°23'19	3♑26	5°47	9°21	28°59	3°39	17° 0	20° 4	9°52	13°R57	27°23	28°38	7° 5	n.a.	T 19
F 20	21 33 24	21°22'01	17°53	7°29	10°31	29°38	3°47	16°56	20° 3	9°53	13°57	27°18	28°35	7°11	n.a.	F 20
S 21	21 37 20	22°20'46	2♒44	9°13	11°40	0♍17	3°55	16°52	20° 2	9°54	13°57	27°13	28°32	7°18	n.a.	S 21
S 22	21 41 17	23°19'32	17°51	10°59	12°49	0°57	4° 3	16°48	20° 1	9°55	13°57	27° 8	28°29	7°25	n.a.	S 22
M23	21 45 13	24°18'20	3♓ 4	12°47	13°59	1°36	4°11	16°44	20° 0	9°56	13°57	27° 5	28°26	7°31	n.a.	M23
T 24	21 49 10	25°17'11	18°14	14°35	15° 8	2°16	4°20	16°39	19°59	9°56	13°57	27° 3	28°22	7°38	n.a.	T 24
W25	21 53 6	26°16'03	3♈12	16°25	16°18	2°56	4°28	16°35	19°58	9°57	13°57	27°D 3	28°19	7°45	n.a.	W25
T 26	21 57 3	27°14'58	17°50	18°14	17°28	3°35	4°37	16°31	19°57	9°58	13°57	27° 4	28°16	7°51	n.a.	T 26
F 27	22 1 0	28°13'56	2♉ 4	20° 4	18°38	4°15	4°45	16°26	19°56	9°59	13°57	27° 5	28°13	7°58	n.a.	F 27
S 28	22 4 56	29°12'55	15°53	21°54	19°48	4°55	4°54	16°22	19°54	10° 0	13°57	27° 7	28°10	8° 5	n.a.	S 28
S 29	22 8 53	0♍11'58	29°18	23°44	20°59	5°34	5° 3	16°17	19°53	10° 1	13°56	27°R 7	28° 6	8°11	n.a.	S 29
M30	22 12 49	1°11'03	12♊21	25°33	22° 9	6°14	5°12	16°13	19°52	10° 2	13°56	27° 7	28° 3	8°18	n.a.	M30
T 31	22 16 46	2♍10'10	25♊ 4	27♌22	23♋20	6♍54	5♏22	16♓ 8	19♈50	10♏ 3	13♉56	27♍ 5	28♍ 0	8♍25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n46	13n59	3s58	19n13	2s50	21n13	2s 5	16n53	1n 4	11s26	0n49	7s13	2s38	7n29	0s33	13s12	1n48	6n17	10s24	0n35	0n10	7n47		n.a.
M 2	19 32	16 25	4 36	19 33	2 32	21 21	2 1	16 40	1 4	11 28	0 49	7 14	2 38	7 29	0 33	13 12	1 48	6 17	10 24	0 37	0 11	7 45		n.a.
T 3	19 18	17 58	4 59	19 53	2 14	21 30	1 57	16 28	1 4	11 31	0 49	7 15	2 38	7 29	0 33	13 13	1 48	6 17	10 24	0 39	0 12	7 43		n.a.
W 4	19 4	18 37	5 6	20 11	1 56	21 38	1 53	16 15	1 4	11 33	0 48	7 17	2 39	7 29	0 33	13 13	1 48	6 16	10 24	0 42	0 14	7 41		n.a.
T 5	18 49	18 20	4 59	20 28	1 38	21 45	1 49	16 3	1 3	11 35	0 48	7 18	2 39	7 28	0 33	13 13	1 48	6 16	10 24	0 46	0 15	7 40		n.a.
F 6	18 34	17 13	4 39	20 44	1 20	21 52	1 45	15 50	1 3	11 37	0 48	7 19	2 39	7 28	0 34	13 13	1 48	6 16	10 24	0 50	0 16	7 38		n.a.
S 7	18 19	15 20	4 6	20 57	1 2	21 58	1 41	15 37	1 3	11 39	0 48	7 21	2 39	7 28	0 34	13 13	1 48	6 16	10 25	0 53	0 18	7 36		n.a.
S 8	18 3	12 48	3 22	21 9	0 45	22 4	1 37	15 24	1 2	11 42	0 47	7 22	2 39	7 28	0 34	13 13	1 47	6 16	10 25	0 56	0 19	7 35		n.a.
M 9	17 47	9 45	2 30	21 19	0 28	22 10	1 33	15 11	1 2	11 44	0 47	7 24	2 40	7 28	0 34	13 13	1 47	6 16	10 25	0 59	0 20	7 33		n.a.
T 10	17 31	6 21	1 31	21 26	0 12	22 14	1 30	14 57	1 2	11 47	0 47	7 25	2 40	7 28	0 34	13 14	1 47	6 16	10 25	1 0	0 21	7 31		n.a.
W11	17 14	2 42	0 29	21 31	0n 3	22 18	1 26	14 44	1 1	11 49	0 47	7 27	2 40	7 27	0 34	13 14	1 47	6 16	10 25	1 1	0 23	7 29		n.a.
T 12	16 58	1s 4	0n35	21 33	0 18	22 22	1 22	14 31	1 1	11 52	0 46	7 28	2 40	7 27	0 34	13 14	1 47	6 16	10 26	1 1	0 24	7 28		n.a.
F 13	16 40	4 49	1 39	21 33	0 31	22 25	1 18	14 17	1 1	11 54	0 46	7 30	2 41	7 27	0 34	13 14	1 47	6 15	10 26	1 1	0 25	7 26		n.a.
S 14	16 23	8 25	2 38	21 29	0 43	22 27	1 14	14 3	1 0	11 57	0 46	7 32	2 41	7 27	0 34	13 15	1 47	6 15	10 26	1 0	0 27	7 24		n.a.
S 15	16 5	11 44	3 32	21 23	0 54	22 29	1 9	13 50	1 0	12 0	0 46	7 33	2 41	7 26	0 34	13 15	1 47	6 15	10 26	1 0	0 28	7 23		n.a.
M16	15 47	14 35	4 17	21 14	1 5	22 30	1 5	13 36	1 0	12 2	0 46	7 35	2 41	7 26	0 34	13 15	1 47	6 15	10 26	1 0	0 29	7 21		n.a.
T 17	15 29	16 48	4 50	21 2	1 14	22 31	1 1	13 22	0 59	12 5	0 45	7 37	2 41	7 26	0 34	13 15	1 47	6 15	10 27	1 0	0 30	7 19		n.a.
W18	15 11	18 11	5 9	20 47	1 22	22 31	0 58	13 7	0 59	12 8	0 45	7 38	2 41	7 26	0 34	13 16	1 47	6 15	10 27	1 1	0 32	7 17		n.a.
T 19	14 52	18 31	5 10	20 29	1 29	22 30	0 54	12 53	0 59	12 11	0 45	7 40	2 42	7 25	0 34	13 16	1 47	6 14	10 27	1 3	0 33	7 16		n.a.
F 20	14 33	17 42	4 52	20 9	1 35	22 29	0 50	12 39	0 58	12 14	0 45	7 42	2 42	7 25	0 34	13 16	1 47	6 14	10 27	1 5	0 34	7 14		n.a.
S 21	14 14	15 40	4 14	19 46	1 40	22 27	0 46	12 25	0 58	12 17	0 44	7 44	2 42	7 24	0 34	13 17	1 47	6 14	10 27	1 7	0 35	7 12		n.a.
S 22	13 55	12 32	3 18	19 21	1 44	22 25	0 42	12 10	0 58	12 20	0 44	7 45	2 42	7 24	0 34	13 17	1 47	6 14	10 27	1 9	0 37	7 10		n.a.
M23	13 35	8 31	2 8	18 53	1 47	22 22	0 38	11 56	0 57	12 23	0 44	7 47	2 42	7 24	0 34	13 17	1 47	6 14	10 28	1 10	0 38	7 9		n.a.
T 24	13 15	3 58	0 48	18 23	1 49	22 18	0 34	11 41	0 57	12 26	0 44	7 49	2 42	7 23	0 34	13 17	1 46	6 14	10 28	1 11	0 39	7 7		n.a.
W25	12 55	0n46	0s34	17 52	1 50	22 14	0 30	11 26	0 57	12 29	0 44	7 51	2 43	7 23	0 34	13 18	1 46	6 13	10 28	1 11	0 41	7 5		n.a.
T 26	12 35	5 22	1 52	17 19	1 51	22 9	0 26	11 11	0 56	12 32	0 43	7 53	2 43	7 22	0 34	13 18	1 46	6 13	10 28	1 11	0 42	7 4		n.a.
F 27	12 14	9 31	3 1	16 44	1 51	22 3	0 22	10 56	0 56	12 35	0 43	7 55	2 43	7 22	0 34	13 19	1 46	6 13	10 28	1 10	0 43	7 2		n.a.
S 28	11 53	13 1	3 57	16 7	1 51	21 57	0 19	10 41	0 56	12 38	0 43	7 56	2 43	7 21	0 34	13 19	1 46	6 13	10 29	1 10	0 44	7 0		n.a.
S 29	11 32	15 43	4 38	15 29	1 49	21 50	0 15	10 26	0 55	12 42	0 43	7 58	2 43	7 21	0 34	13 19	1 46	6 12	10 29	1 9	0 46	6 58		n.a.
M30	11 11	17 31	5 4	14 51	1 48	21 42	0 11	10 11	0 55	12 45	0 43	8 0	2 43	7 20	0 34	13 20	1 46	6 12	10 29	1 10	0 47	6 57		n.a.
T 31	10n50	18n24	5s14	14n11	1n45	21n34	0s 7	9n56	0n54	12s48	0n42	8s 2	2s43	7n20	0s34	13s20	1n46	6n12	10s29	1n10	0n48	6n55		n.a.

Julian Day Number = 1600737.5, Delta T = 03h59m20s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°38'02, Lahiri = - 8°31'02 Julian Calendar 1 Aug. 331 BCE == Greg. Calendar 27 July 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

SEPTEMBER 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 20 42	3♍ 9'19	7♋31	29♌11	24♋30	7♍34	5♏31	16°R 4	19°R49	10♏ 4	13°R56	27°R 2	27♍57	8♍31	n.a.	W 1
T 2	22 24 39	4° 8'31	19°45	0♍59	25°41	8°14	5°41	15♓59	19♈47	10° 6	13♉55	26♍59	27°54	8°38	n.a.	T 2
F 3	22 28 35	5° 7'46	1♌49	2°46	26°52	8°54	5°50	15°54	19°46	10° 7	13°55	26°55	27°51	8°45	n.a.	F 3
S 4	22 32 32	6° 7'02	13°46	4°32	28° 3	9°34	6° 0	15°50	19°44	10° 8	13°55	26°52	27°47	8°51	n.a.	S 4
S 5	22 36 28	7° 6'21	25°37	6°18	29°15	10°14	6°10	15°45	19°43	10° 9	13°54	26°49	27°44	8°58	n.a.	S 5
M 6	22 40 25	8° 5'42	7♍25	8° 3	0♌26	10°54	6°19	15°40	19°41	10°11	13°54	26°47	27°41	9° 4	n.a.	M 6
T 7	22 44 22	9° 5'05	19°13	9°48	1°37	11°34	6°29	15°36	19°39	10°12	13°54	26°46	27°38	9°11	n.a.	T 7
W 8	22 48 18	10° 4'31	1♎ 1	11°31	2°49	12°14	6°40	15°31	19°37	10°13	13°53	26°D45	27°35	9°18	n.a.	W 8
T 9	22 52 15	11° 3'58	12°53	13°14	4° 0	12°54	6°50	15°26	19°36	10°14	13°53	26°46	27°31	9°24	n.a.	T 9
F 10	22 56 11	12° 3'27	24°52	14°56	5°12	13°35	7° 0	15°21	19°34	10°16	13°52	26°47	27°28	9°31	n.a.	F 10
S 11	23 0 8	13° 2'59	7♏ 0	16°38	6°24	14°15	7°11	15°16	19°32	10°17	13°52	26°49	27°25	9°38	n.a.	S 11
S 12	23 4 4	14° 2'32	19°21	18°18	7°36	14°55	7°21	15°12	19°30	10°19	13°51	26°50	27°22	9°44	n.a.	S 12
M13	23 8 1	15° 2'07	1♐59	19°58	8°48	15°36	7°32	15° 7	19°28	10°20	13°51	26°51	27°19	9°51	n.a.	M13
T 14	23 11 57	16° 1'44	14°58	21°37	10° 0	16°16	7°42	15° 2	19°26	10°22	13°50	26°R51	27°16	9°58	n.a.	T 14
W15	23 15 54	17° 1'23	28°20	23°16	11°12	16°56	7°53	14°57	19°24	10°23	13°50	26°51	27°12	10° 4	n.a.	W15
T 16	23 19 50	18° 1'04	12♑ 8	24°53	12°25	17°37	8° 4	14°52	19°22	10°25	13°49	26°50	27° 9	10°11	n.a.	T 16
F 17	23 23 47	19° 0'47	26°22	26°31	13°37	18°17	8°15	14°47	19°20	10°26	13°49	26°49	27° 6	10°18	n.a.	F 17
S 18	23 27 44	20° 0'31	11♒ 0	28° 7	14°50	18°58	8°26	14°43	19°18	10°28	13°48	26°48	27° 3	10°24	n.a.	S 18
S 19	23 31 40	21° 0'17	25°58	29°43	16° 2	19°39	8°37	14°38	19°16	10°29	13°47	26°48	27° 0	10°31	n.a.	S 19
M20	23 35 37	22° 0'06	11♓ 8	1♎18	17°15	20°19	8°49	14°33	19°14	10°31	13°47	26°47	26°57	10°38	n.a.	M20
T 21	23 39 33	22°59'56	26°20	2°53	18°28	21° 0	9° 0	14°28	19°12	10°33	13°46	26°D47	26°53	10°44	n.a.	T 21
W22	23 43 30	23°59'48	11♈26	4°27	19°40	21°41	9°11	14°24	19°10	10°34	13°45	26°47	26°50	10°51	n.a.	W22
T 23	23 47 26	24°59'42	26°16	6° 0	20°53	22°21	9°23	14°19	19° 7	10°36	13°45	26°47	26°47	10°58	n.a.	T 23
F 24	23 51 23	25°59'39	10♉44	7°33	22° 6	23° 2	9°34	14°14	19° 5	10°38	13°44	26°48	26°44	11° 4	n.a.	F 24
S 25	23 55 19	26°59'38	24°45	9° 6	23°20	23°43	9°46	14°10	19° 3	10°39	13°43	26°R48	26°41	11°11	n.a.	S 25
S 26	23 59 16	27°59'39	8♊20	10°38	24°33	24°24	9°58	14° 5	19° 1	10°41	13°42	26°48	26°37	11°17	n.a.	S 26
M27	0 3 13	28°59'43	21°28	12° 9	25°46	25° 5	10° 9	14° 1	18°58	10°43	13°42	26°47	26°34	11°24	n.a.	M27
T 28	0 7 9	29°59'48	4♋12	13°40	26°59	25°46	10°21	13°56	18°56	10°45	13°41	26°D47	26°31	11°31	n.a.	T 28
W29	0 11 6	0♎59'56	16°37	15°10	28°13	26°27	10°33	13°51	18°54	10°47	13°40	26°48	26°28	11°37	n.a.	W29
T 30	0 15 2	2♎ 0'07	28♋46	16♎40	29♌26	27♍ 8	10♏45	13♓47	18♈51	10♏49	13♉39	26♍48	26♍25	11♍44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n28	18n22	5s 9	13n30	1n42	21n25	0s 4	9n40	0n54	12s52	0n42	8s 4	2s43	7n19	0s34	13s21	1n46	6n12	10s29	1n11	0n50	6n53		n.a.
T 2	10 7	17 28	4 50	12 48	1 39	21 16	0 0	9 25	0 54	12 55	0 42	8 6	2 44	7 18	0 34	13 21	1 46	6 11	10 29	1 13	0 51	6 51		n.a.
F 3	9 45	15 48	4 19	12 6	1 35	21 6	0n 3	9 9	0 53	12 58	0 42	8 8	2 44	7 18	0 34	13 21	1 46	6 11	10 30	1 14	0 52	6 50		n.a.
S 4	9 23	13 27	3 36	11 23	1 31	20 55	0 7	8 54	0 53	13 2	0 42	8 10	2 44	7 17	0 34	13 22	1 46	6 11	10 30	1 16	0 53	6 48		n.a.
S 5	9 0	10 34	2 44	10 39	1 27	20 44	0 11	8 38	0 53	13 5	0 41	8 12	2 44	7 17	0 34	13 22	1 46	6 11	10 30	1 17	0 55	6 46		n.a.
M 6	8 38	7 16	1 45	9 55	1 22	20 32	0 14	8 22	0 52	13 9	0 41	8 14	2 44	7 16	0 34	13 23	1 46	6 10	10 30	1 18	0 56	6 44		n.a.
T 7	8 16	3 41	0 42	9 11	1 18	20 19	0 17	8 6	0 52	13 12	0 41	8 16	2 44	7 15	0 34	13 23	1 46	6 10	10 30	1 18	0 57	6 43		n.a.
W 8	7 53	0s 3	0n24	8 26	1 12	20 6	0 21	7 51	0 51	13 16	0 41	8 18	2 44	7 15	0 34	13 24	1 46	6 10	10 30	1 18	0 58	6 41		n.a.
T 9	7 30	3 48	1 28	7 42	1 7	19 53	0 24	7 35	0 51	13 19	0 41	8 20	2 44	7 14	0 34	13 24	1 46	6 10	10 31	1 18	1 0	6 39		n.a.
F 10	7 7	7 25	2 30	6 57	1 1	19 38	0 27	7 19	0 51	13 23	0 40	8 21	2 44	7 13	0 34	13 25	1 45	6 9	10 31	1 18	1 1	6 38		n.a.
S 11	6 44	10 47	3 25	6 11	0 55	19 24	0 30	7 3	0 50	13 27	0 40	8 23	2 44	7 12	0 34	13 25	1 45	6 9	10 31	1 17	1 2	6 36		n.a.
S 12	6 21	13 44	4 12	5 26	0 49	19 8	0 34	6 46	0 50	13 30	0 40	8 25	2 44	7 12	0 34	13 26	1 45	6 9	10 31	1 17	1 4	6 34		n.a.
M13	5 58	16 6	4 48	4 41	0 43	18 52	0 37	6 30	0 49	13 34	0 40	8 27	2 44	7 11	0 34	13 26	1 45	6 8	10 31	1 16	1 5	6 32		n.a.
T 14	5 35	17 43	5 11	3 56	0 37	18 36	0 40	6 14	0 49	13 38	0 40	8 29	2 44	7 10	0 34	13 27	1 45	6 8	10 31	1 16	1 6	6 31		n.a.
W15	5 11	18 26	5 18	3 11	0 31	18 18	0 43	5 58	0 49	13 41	0 40	8 31	2 44	7 10	0 34	13 27	1 45	6 8	10 32	1 16	1 7	6 29		n.a.
T 16	4 48	18 5	5 7	2 25	0 24	18 1	0 45	5 41	0 48	13 45	0 39	8 33	2 44	7 9	0 34	13 28	1 45	6 7	10 32	1 16	1 9	6 27		n.a.
F 17	4 24	16 37	4 37	1 40	0 18	17 43	0 48	5 25	0 48	13 49	0 39	8 35	2 44	7 8	0 34	13 28	1 45	6 7	10 32	1 17	1 10	6 25		n.a.
S 18	4 0	14 1	3 48	0 56	0 11	17 24	0 51	5 9	0 47	13 52	0 39	8 37	2 44	7 7	0 34	13 29	1 45	6 7	10 32	1 17	1 11	6 24		n.a.
S 19	3 36	10 28	2 43	0 11	0 4	17 5	0 54	4 52	0 47	13 56	0 39	8 39	2 44	7 6	0 34	13 29	1 45	6 7	10 32	1 17	1 13	6 22		n.a.
M20	3 13	6 9	1 26	0s34	0s 2	16 45	0 56	4 35	0 47	14 0	0 39	8 40	2 44	7 6	0 34	13 30	1 45	6 6	10 32	1 18	1 14	6 20		n.a.
T 21	2 49	1 26	0 2	1 18	0 9	16 25	0 59	4 19	0 46	14 4	0 38	8 42	2 44	7 5	0 34	13 30	1 45	6 6	10 33	1 18	1 15	6 18		n.a.
W22	2 25	3n20	1s21	2 2	0 16	16 4	1 1	4 2	0 46	14 8	0 38	8 44	2 44	7 4	0 34	13 31	1 45	6 6	10 33	1 18	1 16	6 17		n.a.
T 23	2 1	7 50	2 37	2 46	0 23	15 43	1 4	3 46	0 45	14 12	0 38	8 46	2 44	7 3	0 34	13 32	1 45	6 5	10 33	1 17	1 18	6 15		n.a.
F 24	1 37	11 44	3 41	3 29	0 29	15 21	1 6	3 29	0 45	14 15	0 38	8 48	2 44	7 2	0 34	13 32	1 45	6 5	10 33	1 17	1 19	6 13		n.a.
S 25	1 13	14 50	4 30	4 12	0 36	14 59	1 8	3 12	0 44	14 19	0 38	8 49	2 44	7 1	0 34	13 33	1 45	6 5	10 33	1 17	1 20	6 11		n.a.
S 26	0 48	17 0	5 2	4 55	0 43	14 37	1 11	2 55	0 44	14 23	0 38	8 51	2 44	7 0	0 34	13 33	1 45	6 4	10 33	1 17	1 21	6 9		n.a.
M27	0 24	18 11	5 17	5 37	0 49	14 14	1 13	2 38	0 43	14 27	0 38	8 53	2 44	7 0	0 34	13 34	1 45	6 4	10 33	1 17	1 23	6 8		n.a.
T 28	0 0	18 25	5 16	6 19	0 56	13 50	1 15	2 22	0 43	14 31	0 37	8 55	2 44	6 59	0 34	13 35	1 45	6 4	10 33	1 17	1 24	6 6		n.a.
W29	0s24	17 44	4 59	7 0	1 3	13 26	1 17	2 5	0 43	14 35	0 37	8 56	2 44	6 58	0 34	13 35	1 45	6 3	10 34	1 17	1 25	6 4		n.a.
T 30	0s48	16n15	4s30	7s41	1s 9	13n 2	1n19	1n48	0n42	14s39	0n37	8s58	2s44	6n57	0s34	13s36	1n45	6n 3	10s34	1n17	1n27	6n 2		n.a.

Julian Day Number = 1600768.5, Delta T = 03h59m19s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'58, Lahiri = - 8°30'57 Julian Calendar 1 Sept. 331 BCE == Greg. Calendar 27 Aug. 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

OCTOBER 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 18 59	3♎ 0'19	10♌44	18♎ 9	0♍40	27♍49	10♏57	13°R43	18°R49	10♏50	13°R39	26♍49	26♍22	11♍51	n.a.	F 1
S 2	0 22 55	4° 0'34	22°35	19°38	1°53	28°30	11° 9	13♓38	18♈47	10°52	13♉38	26°49	26°18	11°57	n.a.	S 2
S 3	0 26 52	5° 0'50	4♍23	21° 7	3° 7	29°11	11°22	13°34	18°44	10°54	13°37	26°50	26°15	12° 4	n.a.	S 3
M 4	0 30 48	6° 1'09	16°10	22°34	4°21	29°53	11°34	13°30	18°42	10°56	13°36	26°51	26°12	12°11	n.a.	M 4
T 5	0 34 45	7° 1'29	28° 0	24° 1	5°35	0♎34	11°46	13°25	18°39	10°58	13°35	26°R51	26° 9	12°17	n.a.	T 5
W 6	0 38 41	8° 1'51	9♎54	25°28	6°49	1°15	11°59	13°21	18°37	11° 0	13°34	26°51	26° 6	12°24	n.a.	W 6
T 7	0 42 38	9° 2'16	21°56	26°54	8° 3	1°57	12°11	13°17	18°35	11° 2	13°33	26°50	26° 2	12°31	n.a.	T 7
F 8	0 46 35	10° 2'41	4♏ 6	28°19	9°17	2°38	12°24	13°13	18°32	11° 4	13°32	26°48	25°59	12°37	n.a.	F 8
S 9	0 50 31	11° 3'09	16°26	29°44	10°31	3°20	12°36	13° 9	18°30	11° 6	13°31	26°46	25°56	12°44	n.a.	S 9
S 10	0 54 28	12° 3'38	28°58	1♏ 7	11°45	4° 1	12°49	13° 5	18°27	11° 8	13°30	26°44	25°53	12°51	n.a.	S 10
M11	0 58 24	13° 4'09	11♐44	2°30	12°59	4°43	13° 2	13° 1	18°25	11°10	13°29	26°41	25°50	12°57	n.a.	M11
T 12	1 2 21	14° 4'42	24°46	3°52	14°13	5°24	13°14	12°58	18°22	11°12	13°28	26°40	25°47	13° 4	n.a.	T 12
W13	1 6 17	15° 5'15	8♑ 6	5°13	15°27	6° 6	13°27	12°54	18°20	11°14	13°27	26°39	25°43	13°11	n.a.	W13
T 14	1 10 14	16° 5'50	21°45	6°33	16°42	6°47	13°40	12°50	18°17	11°16	13°26	26°D39	25°40	13°17	n.a.	T 14
F 15	1 14 10	17° 6'27	5♒44	7°51	17°56	7°29	13°53	12°47	18°15	11°18	13°25	26°40	25°37	13°24	n.a.	F 15
S 16	1 18 7	18° 7'04	20° 3	9° 8	19°10	8°11	14° 6	12°43	18°12	11°20	13°24	26°41	25°34	13°30	n.a.	S 16
S 17	1 22 4	19° 7'43	4♓39	10°24	20°25	8°53	14°19	12°40	18°10	11°23	13°23	26°42	25°31	13°37	n.a.	S 17
M18	1 26 0	20° 8'24	19°29	11°37	21°39	9°35	14°32	12°37	18° 7	11°25	13°22	26°R43	25°28	13°44	n.a.	M18
T 19	1 29 57	21° 9'05	4♈25	12°49	22°54	10°16	14°45	12°33	18° 5	11°27	13°21	26°43	25°24	13°50	n.a.	T 19
W20	1 33 53	22° 9'48	19°22	13°58	24° 9	10°58	14°58	12°30	18° 2	11°29	13°20	26°42	25°21	13°57	n.a.	W20
T 21	1 37 50	23°10'32	4♉ 9	15° 5	25°23	11°40	15°11	12°27	18° 0	11°31	13°19	26°39	25°18	14° 4	n.a.	T 21
F 22	1 41 46	24°11'18	18°40	16° 8	26°38	12°22	15°25	12°24	17°57	11°33	13°18	26°35	25°15	14°10	n.a.	F 22
S 23	1 45 43	25°12'06	2♊49	17° 9	27°52	13° 4	15°38	12°21	17°55	11°36	13°17	26°31	25°12	14°17	n.a.	S 23
S 24	1 49 39	26°12'55	16°31	18° 5	29° 7	13°46	15°51	12°19	17°52	11°38	13°16	26°27	25° 8	14°24	n.a.	S 24
M25	1 53 36	27°13'46	29°46	18°57	0♎22	14°29	16° 4	12°16	17°50	11°40	13°15	26°23	25° 5	14°30	n.a.	M25
T 26	1 57 33	28°14'38	12♋36	19°44	1°37	15°11	16°18	12°13	17°47	11°42	13°14	26°20	25° 2	14°37	n.a.	T 26
W27	2 1 29	29°15'32	25° 4	20°25	2°52	15°53	16°31	12°11	17°45	11°44	13°12	26°D19	24°59	14°44	n.a.	W27
T 28	2 5 26	0♏16'28	7♌14	21° 0	4° 6	16°35	16°45	12° 8	17°42	11°47	13°11	26°19	24°56	14°50	n.a.	T 28
F 29	2 9 22	1°17'24	19°11	21°28	5°21	17°18	16°58	12° 6	17°40	11°49	13°10	26°20	24°53	14°57	n.a.	F 29
S 30	2 13 19	2°18'23	1♍ 1	21°48	6°36	18° 0	17°11	12° 4	17°38	11°51	13° 9	26°22	24°49	15° 4	n.a.	S 30
S 31	2 17 15	3♏19'22	12♍47	21♏59	7♎51	18♎42	17♏25	12♓ 2	17♈35	11♏53	13♉ 8	26♍24	24♍46	15♍10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s13	14n 5	3s49	8s22	1s15	12n37	1n21	1n31	0n42	14s43	0n37	9s 0	2s44	6n56	0s34	13s36	1n44	6n 2	10s34	1n17	1n28	6n 1		n.a.
S 2	1 37	11 20	2 59	9 2	1 22	12 13	1 22	1 14	0 41	14 47	0 37	9 1	2 44	6 55	0 34	13 37	1 44	6 2	10 34	1 17	1 29	5 59		n.a.
S 3	2 1	8 8	2 2	9 41	1 28	11 47	1 24	0 57	0 41	14 51	0 37	9 3	2 44	6 54	0 34	13 38	1 44	6 2	10 34	1 16	1 30	5 57		n.a.
M 4	2 25	4 37	0 59	10 20	1 34	11 21	1 26	0 40	0 40	14 55	0 36	9 5	2 43	6 53	0 34	13 38	1 44	6 1	10 34	1 16	1 32	5 55		n.a.
T 5	2 49	0 54	0n 6	10 58	1 40	10 55	1 27	0 23	0 40	14 59	0 36	9 6	2 43	6 52	0 34	13 39	1 44	6 1	10 34	1 16	1 33	5 54		n.a.
W 6	3 13	2s52	1 12	11 36	1 45	10 29	1 28	0 6	0 39	15 3	0 36	9 8	2 43	6 51	0 34	13 40	1 44	6 1	10 34	1 16	1 34	5 52		n.a.
T 7	3 37	6 34	2 15	12 13	1 51	10 2	1 30	0s11	0 39	15 7	0 36	9 9	2 43	6 50	0 34	13 40	1 44	6 0	10 34	1 17	1 36	5 50		n.a.
F 8	4 2	10 2	3 12	12 49	1 56	9 35	1 31	0 29	0 38	15 11	0 36	9 11	2 43	6 49	0 34	13 41	1 44	6 0	10 34	1 17	1 37	5 48		n.a.
S 9	4 26	13 6	4 2	13 24	2 1	9 8	1 32	0 46	0 38	15 15	0 36	9 12	2 43	6 48	0 34	13 42	1 44	6 0	10 35	1 18	1 38	5 46		n.a.
S 10	4 49	15 37	4 40	13 58	2 6	8 41	1 33	1 3	0 37	15 19	0 36	9 13	2 43	6 47	0 34	13 42	1 44	5 59	10 35	1 19	1 39	5 45		n.a.
M11	5 13	17 25	5 6	14 32	2 11	8 13	1 34	1 20	0 37	15 23	0 35	9 15	2 43	6 47	0 34	13 43	1 44	5 59	10 35	1 20	1 41	5 43		n.a.
T 12	5 37	18 22	5 16	15 4	2 15	7 45	1 35	1 37	0 36	15 27	0 35	9 16	2 43	6 46	0 34	13 44	1 44	5 59	10 35	1 21	1 42	5 41		n.a.
W13	6 1	18 19	5 10	15 36	2 19	7 17	1 36	1 54	0 36	15 31	0 35	9 17	2 42	6 45	0 34	13 44	1 44	5 58	10 35	1 21	1 43	5 39		n.a.
T 14	6 24	17 14	4 47	16 6	2 23	6 48	1 37	2 11	0 35	15 35	0 35	9 19	2 42	6 44	0 34	13 45	1 44	5 58	10 35	1 21	1 44	5 38		n.a.
F 15	6 48	15 6	4 6	16 36	2 26	6 19	1 38	2 28	0 35	15 39	0 35	9 20	2 42	6 43	0 34	13 46	1 44	5 58	10 35	1 21	1 46	5 36		n.a.
S 16	7 11	12 0	3 9	17 4	2 29	5 50	1 38	2 46	0 34	15 43	0 35	9 21	2 42	6 42	0 34	13 46	1 44	5 57	10 35	1 20	1 47	5 34		n.a.
S 17	7 35	8 5	1 59	17 30	2 31	5 21	1 39	3 3	0 34	15 47	0 35	9 22	2 42	6 41	0 34	13 47	1 44	5 57	10 35	1 20	1 48	5 32		n.a.
M18	7 58	3 36	0 40	17 56	2 33	4 52	1 39	3 20	0 33	15 51	0 35	9 23	2 42	6 40	0 34	13 48	1 44	5 56	10 35	1 19	1 50	5 30		n.a.
T 19	8 21	1n 8	0s42	18 20	2 35	4 23	1 40	3 37	0 33	15 55	0 34	9 25	2 41	6 39	0 34	13 48	1 44	5 56	10 35	1 19	1 51	5 29		n.a.
W20	8 44	5 48	2 2	18 42	2 36	3 53	1 40	3 54	0 32	15 59	0 34	9 26	2 41	6 38	0 34	13 49	1 44	5 56	10 35	1 20	1 52	5 27		n.a.
T 21	9 7	10 3	3 12	19 2	2 36	3 23	1 40	4 11	0 32	16 3	0 34	9 27	2 41	6 37	0 34	13 50	1 44	5 55	10 35	1 21	1 53	5 25		n.a.
F 22	9 30	13 37	4 8	19 21	2 35	2 53	1 41	4 28	0 31	16 7	0 34	9 28	2 41	6 36	0 34	13 50	1 44	5 55	10 35	1 22	1 55	5 23		n.a.
S 23	9 52	16 17	4 47	19 37	2 34	2 23	1 41	4 45	0 31	16 11	0 34	9 29	2 41	6 35	0 34	13 51	1 44	5 55	10 35	1 24	1 56	5 22		n.a.
S 24	10 14	17 55	5 9	19 51	2 32	1 53	1 41	5 2	0 30	16 15	0 34	9 29	2 41	6 34	0 34	13 52	1 44	5 54	10 35	1 26	1 57	5 20		n.a.
M25	10 37	18 31	5 13	20 3	2 29	1 23	1 41	5 19	0 30	16 19	0 34	9 30	2 40	6 33	0 34	13 53	1 44	5 54	10 35	1 27	1 58	5 18		n.a.
T 26	10 59	18 8	5 1	20 13	2 25	0 53	1 40	5 36	0 29	16 23	0 34	9 31	2 40	6 32	0 34	13 53	1 44	5 54	10 35	1 28	2 0	5 16		n.a.
W27	11 21	16 52	4 35	20 19	2 20	0 23	1 40	5 53	0 29	16 27	0 33	9 32	2 40	6 31	0 34	13 54	1 44	5 53	10 35	1 29	2 1	5 14		n.a.
T 28	11 42	14 52	3 57	20 23	2 14	0s 8	1 40	6 10	0 28	16 31	0 33	9 33	2 40	6 30	0 34	13 55	1 44	5 53	10 36	1 29	2 2	5 13		n.a.
F 29	12 4	12 15	3 10	20 23	2 7	0 38	1 39	6 27	0 27	16 35	0 33	9 33	2 39	6 30	0 34	13 55	1 44	5 53	10 36	1 28	2 4	5 11		n.a.
S 30	12 25	9 9	2 14	20 20	1 58	1 8	1 39	6 44	0 27	16 39	0 33	9 34	2 39	6 29	0 34	13 56	1 44	5 52	10 36	1 28	2 5	5 9		n.a.
S 31	12s46	5n42	1s14	20s13	1s48	1s39	1n38	7s 1	0n26	16s43	0n33	9s35	2s39	6n28	0s34	13s57	1n44	5n52	10s36	1n27	2n 6	5n 7		n.a.

Julian Day Number = 1600798.5, Delta T = 03h59m17s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'54, Lahiri = - 8°30'53 Julian Calendar 1 Oct. 331 BCE == Greg. Calendar 26 Sept. 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

NOVEMBER 331 BCE (-330) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 21 12	4♏20'23	24♍35	22°R 1	9♎ 6	19♎25	17♏38	12°R 0	17°R33	11♏56	13°R 7	26°R25	24♍43	15♍17	n.a.	M 1
T 2	2 25 8	5°21'25	6♎29	21♏52	10°21	20° 7	17°52	11♓58	17♈30	11°58	13♉ 6	26♍24	24°40	15°23	n.a.	T 2
W 3	2 29 5	6°22'29	18°32	21°33	11°36	20°50	18° 6	11°56	17°28	12° 0	13° 5	26°22	24°37	15°30	n.a.	W 3
T 4	2 33 2	7°23'33	0♏45	21° 2	12°51	21°32	18°19	11°54	17°26	12° 2	13° 3	26°17	24°34	15°37	n.a.	T 4
F 5	2 36 58	8°24'39	13°11	20°20	14° 6	22°15	18°33	11°53	17°24	12° 5	13° 2	26°11	24°30	15°43	n.a.	F 5
S 6	2 40 55	9°25'45	25°50	19°28	15°22	22°58	18°46	11°51	17°21	12° 7	13° 1	26° 3	24°27	15°50	n.a.	S 6
S 7	2 44 51	10°26'52	8♐43	18°25	16°37	23°40	19° 0	11°50	17°19	12° 9	13° 0	25°54	24°24	15°57	n.a.	S 7
M 8	2 48 48	11°28'01	21°47	17°14	17°52	24°23	19°14	11°49	17°17	12°11	12°59	25°46	24°21	16° 3	n.a.	M 8
T 9	2 52 44	12°29'09	5♑ 4	15°56	19° 7	25° 6	19°27	11°48	17°15	12°14	12°58	25°39	24°18	16°10	n.a.	T 9
W10	2 56 41	13°30'19	18°33	14°35	20°22	25°49	19°41	11°47	17°12	12°16	12°56	25°34	24°14	16°17	n.a.	W10
T 11	3 0 37	14°31'29	2♒14	13°12	21°37	26°32	19°55	11°46	17°10	12°18	12°55	25°32	24°11	16°23	n.a.	T 11
F 12	3 4 34	15°32'39	16° 6	11°50	22°53	27°15	20° 9	11°45	17° 8	12°20	12°54	25°D31	24° 8	16°30	n.a.	F 12
S 13	3 8 31	16°33'49	0♓10	10°33	24° 8	27°58	20°22	11°44	17° 6	12°23	12°53	25°32	24° 5	16°37	n.a.	S 13
S 14	3 12 27	17°35'00	14°24	9°22	25°23	28°41	20°36	11°44	17° 4	12°25	12°52	25°33	24° 2	16°43	n.a.	S 14
M15	3 16 24	18°36'11	28°48	8°20	26°38	29°24	20°50	11°43	17° 2	12°27	12°51	25°R33	23°59	16°50	n.a.	M15
T 16	3 20 20	19°37'22	13♈19	7°28	27°53	0♏ 7	21° 4	11°43	17° 0	12°29	12°49	25°32	23°55	16°57	n.a.	T 16
W17	3 24 17	20°38'34	27°51	6°46	29° 9	0°50	21°17	11°42	16°58	12°32	12°48	25°28	23°52	17° 3	n.a.	W17
T 18	3 28 13	21°39'46	12♉19	6°15	0♏24	1°33	21°31	11°42	16°56	12°34	12°47	25°21	23°49	17°10	n.a.	T 18
F 19	3 32 10	22°40'59	26°36	5°56	1°39	2°16	21°45	11°D42	16°54	12°36	12°46	25°13	23°46	17°16	n.a.	F 19
S 20	3 36 6	23°42'12	10♊38	5°D47	2°54	2°59	21°59	11°42	16°52	12°38	12°45	25° 3	23°43	17°23	n.a.	S 20
S 21	3 40 3	24°43'26	24°18	5°47	4°10	3°43	22°12	11°42	16°50	12°41	12°44	24°52	23°39	17°30	n.a.	S 21
M22	3 44 0	25°44'40	7♋35	5°58	5°25	4°26	22°26	11°43	16°49	12°43	12°43	24°42	23°36	17°36	n.a.	M22
T 23	3 47 56	26°45'54	20°27	6°16	6°40	5° 9	22°40	11°43	16°47	12°45	12°41	24°35	23°33	17°43	n.a.	T 23
W24	3 51 53	27°47'09	2♌58	6°43	7°56	5°53	22°54	11°44	16°45	12°47	12°40	24°29	23°30	17°50	n.a.	W24
T 25	3 55 49	28°48'24	15°11	7°16	9°11	6°36	23° 7	11°44	16°43	12°50	12°39	24°26	23°27	17°56	n.a.	T 25
F 26	3 59 46	29°49'40	27° 9	7°56	10°26	7°20	23°21	11°45	16°42	12°52	12°38	24°D25	23°24	18° 3	n.a.	F 26
S 27	4 3 42	0♐50'56	8♍59	8°41	11°42	8° 3	23°35	11°46	16°40	12°54	12°37	24°25	23°20	18°10	n.a.	S 27
S 28	4 7 39	1°52'13	20°46	9°31	12°57	8°47	23°49	11°47	16°39	12°56	12°36	24°R25	23°17	18°16	n.a.	S 28
M29	4 11 36	2°53'30	2♎36	10°26	14°12	9°31	24° 2	11°48	16°37	12°58	12°35	24°25	23°14	18°23	n.a.	M29
T 30	4 15 32	3♐54'47	14♎33	11♏24	15♏28	10♏14	24♏16	11♓49	16♈36	13♏ 0	12♉34	24♍23	23♍11	18♍30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s 7	2n 1	0s10	20s 2	1s36	2s 9	1n38	7s17	0n26	16s47	0n33	9s35	2s39	6n27	0s34	13s57	1n44	5n52	10s36	1n27	2n 7	5n 5		n.a.
T 2	13 28	1s46	0n55	19 47	1 23	2 40	1 37	7 34	0 25	16 51	0 33	9 36	2 39	6 26	0 34	13 58	1 44	5 51	10 36	1 27	2 9	5 4		n.a.
W 3	13 49	5 32	1 58	19 28	1 8	3 10	1 36	7 51	0 25	16 54	0 33	9 36	2 38	6 25	0 34	13 59	1 44	5 51	10 36	1 28	2 10	5 2		n.a.
T 4	14 9	9 8	2 56	19 4	0 51	3 40	1 36	8 8	0 24	16 58	0 33	9 37	2 38	6 24	0 34	14 0	1 44	5 51	10 35	1 30	2 11	5 0		n.a.
F 5	14 29	12 23	3 47	18 35	0 34	4 11	1 35	8 24	0 24	17 2	0 32	9 37	2 38	6 23	0 34	14 0	1 44	5 50	10 35	1 32	2 13	4 58		n.a.
S 6	14 49	15 8	4 27	18 3	0 15	4 41	1 34	8 41	0 23	17 6	0 32	9 37	2 38	6 22	0 34	14 1	1 44	5 50	10 35	1 35	2 14	4 56		n.a.
S 7	15 8	17 10	4 55	17 26	0n 5	5 11	1 33	8 57	0 22	17 10	0 32	9 38	2 37	6 22	0 34	14 2	1 44	5 50	10 35	1 39	2 15	4 55		n.a.
M 8	15 27	18 21	5 8	16 47	0 26	5 41	1 32	9 14	0 22	17 14	0 32	9 38	2 37	6 21	0 34	14 2	1 44	5 49	10 35	1 42	2 16	4 53		n.a.
T 9	15 46	18 34	5 4	16 5	0 46	6 11	1 31	9 30	0 21	17 18	0 32	9 38	2 37	6 20	0 34	14 3	1 44	5 49	10 35	1 45	2 18	4 51		n.a.
W10	16 5	17 44	4 44	15 21	1 6	6 41	1 29	9 46	0 21	17 22	0 32	9 38	2 37	6 19	0 34	14 4	1 44	5 49	10 35	1 47	2 19	4 49		n.a.
T 11	16 24	15 53	4 8	14 38	1 26	7 10	1 28	10 3	0 20	17 25	0 32	9 39	2 37	6 18	0 34	14 4	1 44	5 49	10 35	1 48	2 20	4 47		n.a.
F 12	16 42	13 5	3 16	13 56	1 43	7 40	1 27	10 19	0 19	17 29	0 32	9 39	2 36	6 17	0 34	14 5	1 44	5 48	10 35	1 48	2 21	4 46		n.a.
S 13	17 0	9 29	2 12	13 17	2 0	8 9	1 25	10 35	0 19	17 33	0 32	9 39	2 36	6 17	0 34	14 6	1 44	5 48	10 35	1 48	2 23	4 44		n.a.
S 14	17 17	5 18	1 0	12 41	2 14	8 38	1 24	10 51	0 18	17 37	0 31	9 39	2 36	6 16	0 34	14 7	1 44	5 48	10 35	1 48	2 24	4 42		n.a.
M15	17 34	0 45	0s18	12 10	2 26	9 7	1 22	11 7	0 18	17 41	0 31	9 39	2 36	6 15	0 34	14 7	1 44	5 47	10 35	1 47	2 25	4 40		n.a.
T 16	17 51	3n53	1 34	11 44	2 35	9 36	1 21	11 23	0 17	17 44	0 31	9 39	2 35	6 14	0 34	14 8	1 44	5 47	10 35	1 48	2 27	4 38		n.a.
W17	18 8	8 17	2 44	11 23	2 43	10 4	1 19	11 39	0 16	17 48	0 31	9 38	2 35	6 14	0 34	14 9	1 44	5 47	10 35	1 49	2 28	4 37		n.a.
T 18	18 24	12 10	3 44	11 8	2 48	10 32	1 18	11 55	0 16	17 52	0 31	9 38	2 35	6 13	0 34	14 9	1 44	5 47	10 35	1 52	2 29	4 35		n.a.
F 19	18 40	15 17	4 28	10 58	2 52	11 0	1 16	12 10	0 15	17 56	0 31	9 38	2 35	6 12	0 34	14 10	1 44	5 46	10 35	1 56	2 30	4 33		n.a.
S 20	18 56	17 27	4 55	10 53	2 53	11 28	1 14	12 26	0 15	17 59	0 31	9 38	2 34	6 11	0 34	14 11	1 44	5 46	10 35	2 0	2 32	4 31		n.a.
S 21	19 11	18 32	5 5	10 53	2 53	11 56	1 12	12 41	0 14	18 3	0 31	9 38	2 34	6 11	0 34	14 11	1 44	5 46	10 35	2 4	2 33	4 29		n.a.
M22	19 26	18 34	4 57	10 58	2 52	12 23	1 11	12 57	0 13	18 7	0 31	9 37	2 34	6 10	0 34	14 12	1 44	5 46	10 35	2 8	2 34	4 28		n.a.
T 23	19 40	17 38	4 35	11 7	2 50	12 50	1 9	13 12	0 13	18 10	0 31	9 37	2 34	6 9	0 34	14 13	1 44	5 45	10 34	2 11	2 35	4 26		n.a.
W24	19 54	15 51	3 59	11 19	2 46	13 16	1 7	13 27	0 12	18 14	0 31	9 36	2 33	6 9	0 34	14 13	1 44	5 45	10 34	2 13	2 37	4 24		n.a.
T 25	20 8	13 24	3 14	11 34	2 42	13 43	1 5	13 42	0 11	18 17	0 30	9 36	2 33	6 8	0 33	14 14	1 44	5 45	10 34	2 14	2 38	4 22		n.a.
F 26	20 22	10 25	2 20	11 52	2 36	14 9	1 3	13 57	0 11	18 21	0 30	9 35	2 33	6 8	0 33	14 15	1 44	5 45	10 34	2 15	2 39	4 20		n.a.
S 27	20 35	7 2	1 22	12 12	2 31	14 34	1 1	14 12	0 10	18 24	0 30	9 35	2 33	6 7	0 33	14 15	1 44	5 44	10 34	2 15	2 41	4 19		n.a.
S 28	20 47	3 24	0 20	12 34	2 24	14 59	0 58	14 27	0 9	18 28	0 30	9 34	2 32	6 6	0 33	14 16	1 44	5 44	10 34	2 15	2 42	4 17		n.a.
M29	21 0	0s23	0n43	12 57	2 18	15 24	0 56	14 42	0 9	18 31	0 30	9 33	2 32	6 6	0 33	14 17	1 44	5 44	10 34	2 15	2 43	4 15		n.a.
T 30	21s11	4s11	1n45	13s22	2n11	15s48	0n54	14s56	0n 8	18s35	0n30	9s33	2s32	6n 5	0s33	14s17	1n44	5n44	10s34	2n15	2n44	4n13		n.a.

Julian Day Number = 1600829.5, Delta T = 03h59m16s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'50, Lahiri = - 8°30'49 Julian Calendar 1 Nov. 331 BCE == Greg. Calendar 27 Oct. 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 331 BCE
geocentric

DECEMBER 331 BCE (-330) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 19 29	4♐56'04	26♎42	12♏26	16♏43	10♏58	24♏30	11♓50	16°R34	13♏ 3	12°R33	24°R18	23♍ 8	18♍36	n.a.	W 1
T 2	4 23 25	5°57'21	9♏ 6	13°31	17°58	11°42	24°43	11°52	16♈33	13° 5	12♉32	24♍11	23° 5	18°43	n.a.	T 2
F 3	4 27 22	6°58'39	21°47	14°39	19°14	12°26	24°57	11°53	16°31	13° 7	12°31	24° 1	23° 1	18°50	n.a.	F 3
S 4	4 31 18	7°59'56	4♐45	15°49	20°29	13° 9	25°11	11°55	16°30	13° 9	12°30	23°49	22°58	18°56	n.a.	S 4
S 5	4 35 15	9° 1'13	18° 1	17° 1	21°44	13°53	25°24	11°57	16°29	13°11	12°29	23°36	22°55	19° 3	n.a.	S 5
M 6	4 39 11	10° 2'30	1♑31	18°15	23° 0	14°37	25°38	11°59	16°28	13°13	12°28	23°23	22°52	19° 9	n.a.	M 6
T 7	4 43 8	11° 3'47	15°13	19°31	24°15	15°21	25°51	12° 1	16°26	13°15	12°27	23°12	22°49	19°16	n.a.	T 7
W 8	4 47 5	12° 5'03	29° 3	20°48	25°30	16° 5	26° 5	12° 3	16°25	13°17	12°26	23° 3	22°45	19°23	n.a.	W 8
T 9	4 51 1	13° 6'18	13♒ 0	22° 7	26°46	16°49	26°18	12° 5	16°24	13°19	12°25	22°57	22°42	19°29	n.a.	T 9
F 10	4 54 58	14° 7'33	27° 0	23°27	28° 1	17°33	26°32	12° 7	16°23	13°21	12°24	22°54	22°39	19°36	n.a.	F 10
S 11	4 58 54	15° 8'47	11♓ 2	24°48	29°16	18°17	26°45	12°10	16°22	13°23	12°23	22°54	22°36	19°43	n.a.	S 11
S 12	5 2 51	16°10'00	25° 7	26°11	0♐31	19° 1	26°59	12°12	16°21	13°25	12°22	22°54	22°33	19°49	n.a.	S 12
M13	5 6 47	17°11'12	9♈13	27°34	1°47	19°46	27°12	12°15	16°20	13°27	12°21	22°53	22°30	19°56	n.a.	M13
T 14	5 10 44	18°12'24	23°19	28°58	3° 2	20°30	27°25	12°17	16°20	13°29	12°20	22°51	22°26	20° 3	n.a.	T 14
W15	5 14 40	19°13'34	7♉23	0♐23	4°17	21°14	27°39	12°20	16°19	13°31	12°19	22°45	22°23	20° 9	n.a.	W15
T 16	5 18 37	20°14'44	21°23	1°49	5°33	21°58	27°52	12°23	16°18	13°33	12°18	22°37	22°20	20°16	n.a.	T 16
F 17	5 22 34	21°15'53	5♊15	3°15	6°48	22°43	28° 5	12°26	16°17	13°35	12°17	22°26	22°17	20°23	n.a.	F 17
S 18	5 26 30	22°17'01	18°56	4°42	8° 3	23°27	28°18	12°29	16°17	13°37	12°16	22°13	22°14	20°29	n.a.	S 18
S 19	5 30 27	23°18'09	2♋20	6°10	9°18	24°11	28°32	12°33	16°16	13°39	12°15	21°59	22°11	20°36	n.a.	S 19
M20	5 34 23	24°19'16	15°27	7°39	10°34	24°56	28°45	12°36	16°16	13°40	12°15	21°47	22° 7	20°42	n.a.	M20
T 21	5 38 20	25°20'22	28°14	9° 8	11°49	25°40	28°58	12°39	16°15	13°42	12°14	21°36	22° 4	20°49	n.a.	T 21
W22	5 42 16	26°21'27	10♌43	10°38	13° 4	26°25	29°11	12°43	16°15	13°44	12°13	21°27	22° 1	20°56	n.a.	W22
T 23	5 46 13	27°22'32	22°55	12° 9	14°19	27° 9	29°24	12°46	16°14	13°46	12°12	21°22	21°58	21° 2	n.a.	T 23
F 24	5 50 10	28°23'35	4♍54	13°40	15°35	27°54	29°37	12°50	16°14	13°48	12°11	21°19	21°55	21° 9	n.a.	F 24
S 25	5 54 6	29°24'38	16°44	15°12	16°50	28°38	29°50	12°54	16°14	13°49	12°11	21°18	21°51	21°16	n.a.	S 25
S 26	5 58 3	0♑25'41	28°32	16°45	18° 5	29°23	0♐ 3	12°58	16°14	13°51	12°10	21°18	21°48	21°22	n.a.	S 26
M27	6 1 59	1°26'42	10♎21	18°18	19°20	0♐ 8	0°15	13° 2	16°13	13°53	12° 9	21°18	21°45	21°29	n.a.	M27
T 28	6 5 56	2°27'43	22°19	19°51	20°35	0°52	0°28	13° 6	16°13	13°54	12° 9	21°16	21°42	21°36	n.a.	T 28
W29	6 9 52	3°28'43	4♏30	21°26	21°51	1°37	0°41	13°10	16°13	13°56	12° 8	21°12	21°39	21°42	n.a.	W29
T 30	6 13 49	4°29'42	16°59	23° 1	23° 6	2°22	0°53	13°14	16°D13	13°58	12° 7	21° 6	21°36	21°49	n.a.	T 30
F 31	6 17 45	5♑30'40	29♏48	24♐37	24♐21	3♐ 7	1♐ 6	13♓19	16♈13	13♏59	12♉ 7	20♍57	21♍32	21♍56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s23	7s53	2n43	13s48	2n 3	16s12	0n52	15s11	0n 7	18s38	0n30	9s32	2s31	6n 5	0s33	14s18	1n44	5n44	10s34	2n17	2n46	4n11			n.a.
T 2	21 34	11 20	3 34	14 15	1 56	16 36	0 50	15 25	0 7	18 42	0 30	9 31	2 31	6 4	0 33	14 19	1 44	5 43	10 33	2 20	2 47	4 9			n.a.
F 3	21 44	14 19	4 16	14 43	1 48	16 59	0 48	15 39	0 6	18 45	0 30	9 30	2 31	6 4	0 33	14 19	1 44	5 43	10 33	2 24	2 48	4 8			n.a.
S 4	21 55	16 41	4 45	15 11	1 40	17 22	0 45	15 54	0 5	18 49	0 30	9 30	2 31	6 3	0 33	14 20	1 44	5 43	10 33	2 29	2 49	4 6			n.a.
S 5	22 4	18 13	5 0	15 39	1 32	17 44	0 43	16 7	0 5	18 52	0 30	9 29	2 30	6 3	0 33	14 20	1 44	5 43	10 33	2 34	2 51	4 4			n.a.
M 6	22 14	18 45	4 58	16 8	1 24	18 6	0 41	16 21	0 4	18 55	0 30	9 28	2 30	6 2	0 33	14 21	1 44	5 43	10 33	2 40	2 52	4 2			n.a.
T 7	22 23	18 13	4 39	16 36	1 16	18 27	0 38	16 35	0 3	18 59	0 30	9 27	2 30	6 2	0 33	14 22	1 44	5 43	10 33	2 44	2 53	4 0			n.a.
W 8	22 31	16 37	4 4	17 5	1 8	18 48	0 36	16 49	0 3	19 2	0 29	9 26	2 30	6 1	0 33	14 22	1 44	5 42	10 33	2 47	2 54	3 58			n.a.
T 9	22 39	14 1	3 14	17 34	1 0	19 8	0 33	17 2	0 2	19 5	0 29	9 25	2 29	6 1	0 33	14 23	1 44	5 42	10 32	2 50	2 56	3 57			n.a.
F 10	22 47	10 35	2 13	18 2	0 52	19 27	0 31	17 15	0 1	19 9	0 29	9 23	2 29	6 1	0 33	14 23	1 44	5 42	10 32	2 51	2 57	3 55			n.a.
S 11	22 54	6 33	1 2	18 30	0 44	19 46	0 29	17 28	0 1	19 12	0 29	9 22	2 29	6 0	0 33	14 24	1 44	5 42	10 32	2 51	2 58	3 53			n.a.
S 12	23 0	2 9	0s12	18 57	0 36	20 5	0 26	17 41	0 0	19 15	0 29	9 21	2 29	6 0	0 33	14 25	1 44	5 42	10 32	2 51	3 0	3 51			n.a.
M13	23 6	2n23	1 25	19 24	0 28	20 23	0 24	17 54	0s 1	19 18	0 29	9 20	2 28	6 0	0 33	14 25	1 44	5 42	10 32	2 51	3 1	3 49			n.a.
T 14	23 12	6 48	2 33	19 51	0 20	20 40	0 21	18 7	0 1	19 21	0 29	9 19	2 28	5 59	0 33	14 26	1 44	5 42	10 32	2 52	3 2	3 48			n.a.
W15	23 17	10 48	3 32	20 17	0 12	20 57	0 19	18 19	0 2	19 24	0 29	9 17	2 28	5 59	0 33	14 26	1 44	5 42	10 31	2 55	3 3	3 46			n.a.
T 16	23 22	14 11	4 17	20 42	0 5	21 13	0 16	18 32	0 3	19 27	0 29	9 16	2 28	5 59	0 33	14 27	1 44	5 42	10 31	2 58	3 5	3 44			n.a.
F 17	23 26	16 44	4 47	21 7	0s 3	21 29	0 14	18 44	0 3	19 31	0 29	9 15	2 28	5 59	0 33	14 27	1 44	5 41	10 31	3 2	3 6	3 42			n.a.
S 18	23 30	18 17	5 0	21 30	0 10	21 44	0 11	18 56	0 4	19 34	0 29	9 13	2 27	5 58	0 33	14 28	1 44	5 41	10 31	3 8	3 7	3 40			n.a.
S 19	23 34	18 47	4 55	21 53	0 17	21 58	0 9	19 8	0 5	19 37	0 29	9 12	2 27	5 58	0 33	14 28	1 44	5 41	10 31	3 13	3 8	3 38			n.a.
M20	23 37	18 16	4 35	22 15	0 24	22 12	0 6	19 19	0 6	19 40	0 29	9 10	2 27	5 58	0 33	14 29	1 44	5 41	10 30	3 18	3 10	3 37			n.a.
T 21	23 39	16 49	4 2	22 36	0 31	22 25	0 4	19 31	0 6	19 43	0 29	9 9	2 27	5 58	0 33	14 29	1 44	5 41	10 30	3 22	3 11	3 35			n.a.
W22	23 41	14 36	3 17	22 56	0 38	22 37	0 1	19 42	0 7	19 45	0 28	9 7	2 26	5 58	0 33	14 30	1 44	5 41	10 30	3 26	3 12	3 33			n.a.
T 23	23 42	11 46	2 24	23 15	0 44	22 49	0s 1	19 53	0 8	19 48	0 28	9 5	2 26	5 58	0 33	14 30	1 44	5 41	10 30	3 28	3 14	3 31			n.a.
F 24	23 43	8 30	1 26	23 34	0 51	23 0	0 3	20 4	0 8	19 51	0 28	9 4	2 26	5 58	0 33	14 31	1 44	5 41	10 30	3 29	3 15	3 29			n.a.
S 25	23 44	4 56	0 24	23 50	0 57	23 10	0 6	20 15	0 9	19 54	0 28	9 2	2 26	5 58	0 33	14 31	1 44	5 41	10 29	3 29	3 16	3 27			n.a.
S 26	23 44	1 11	0n38	24 6	1 3	23 20	0 8	20 26	0 10	19 57	0 28	9 0	2 25	5 57	0 33	14 32	1 44	5 41	10 29	3 29	3 17	3 26			n.a.
M27	23 43	2s38	1 39	24 21	1 8	23 29	0 11	20 36	0 11	20 0	0 28	8 59	2 25	5 57	0 32	14 32	1 44	5 41	10 29	3 30	3 19	3 24			n.a.
T 28	23 43	6 22	2 37	24 34	1 14	23 37	0 13	20 46	0 11	20 2	0 28	8 57	2 25	5 57	0 32	14 33	1 44	5 41	10 29	3 30	3 20	3 22			n.a.
W29	23 41	9 55	3 28	24 46	1 19	23 44	0 16	20 56	0 12	20 5	0 28	8 55	2 25	5 57	0 32	14 33	1 44	5 41	10 29	3 32	3 21	3 20			n.a.
T 30	23 39	13 7	4 11	24 57	1 24	23 51	0 18	21 6	0 13	20 8	0 28	8 53	2 25	5 57	0 32	14 34	1 45	5 41	10 28	3 34	3 22	3 18			n.a.
F 31	23s37	15s46	4n42	25s 6	1s29	23s57	0s20	21s16	0s14	20s11	0n28	8s51	2s24	5n58	0s32	14s34	1n45	5n41	10s28	3n38	3n24	3n16			n.a.

Julian Day Number = 1600859.5, Delta T = 03h59m15s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'45, Lahiri = - 8°30'45 Julian Calendar 1 Dec. 331 BCE == Greg. Calendar 26 Nov. 331 BCE

The year -330 astronomical counting style corresponds to year 331 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

JANUARY 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 21 42	6♑31'37	13♐ 0	26♐13	25♐36	3♐52	1♐19	13♓23	16♈13	14♏ 1	12°R 6	20°R45	21♍29	22♍ 2	n.a.	S 1
S 2	6 25 39	7°32'33	26°34	27°51	26°51	4°37	1°31	13°28	16°13	14° 2	12♉ 5	20♍33	21°26	22° 9	n.a.	S 2
M 3	6 29 35	8°33'28	10♑28	29°28	28° 7	5°21	1°43	13°32	16°14	14° 4	12° 5	20°21	21°23	22°16	n.a.	M 3
T 4	6 33 32	9°34'22	24°36	1♑ 7	29°22	6° 6	1°56	13°37	16°14	14° 5	12° 4	20°10	21°20	22°22	n.a.	T 4
W 5	6 37 28	10°35'14	8♒54	2°46	0♑37	6°51	2° 8	13°42	16°14	14° 7	12° 4	20° 2	21°17	22°29	n.a.	W 5
T 6	6 41 25	11°36'04	23°17	4°27	1°52	7°36	2°20	13°47	16°15	14° 8	12° 3	19°56	21°13	22°35	n.a.	T 6
F 7	6 45 21	12°36'53	7♓38	6° 8	3° 7	8°21	2°32	13°51	16°15	14°10	12° 3	19°54	21°10	22°42	n.a.	F 7
S 8	6 49 18	13°37'40	21°55	7°49	4°22	9° 7	2°44	13°56	16°15	14°11	12° 2	19°D53	21° 7	22°49	n.a.	S 8
S 9	6 53 14	14°38'25	6♈ 5	9°32	5°37	9°52	2°56	14° 2	16°16	14°12	12° 2	19°54	21° 4	22°55	n.a.	S 9
M10	6 57 11	15°39'09	20° 7	11°15	6°52	10°37	3° 8	14° 7	16°17	14°14	12° 1	19°R54	21° 1	23° 2	n.a.	M10
T 11	7 1 8	16°39'51	4♉ 1	12°59	8° 7	11°22	3°20	14°12	16°17	14°15	12° 1	19°52	20°57	23° 9	n.a.	T 11
W12	7 5 4	17°40'30	17°46	14°44	9°22	12° 7	3°32	14°17	16°18	14°16	12° 0	19°49	20°54	23°15	n.a.	W12
T 13	7 9 1	18°41'08	1♊22	16°30	10°37	12°52	3°44	14°23	16°19	14°18	12° 0	19°42	20°51	23°22	n.a.	T 13
F 14	7 12 57	19°41'45	14°48	18°16	11°53	13°37	3°55	14°28	16°19	14°19	12° 0	19°34	20°48	23°29	n.a.	F 14
S 15	7 16 54	20°42'19	28° 2	20° 4	13° 8	14°23	4° 7	14°34	16°20	14°20	11°59	19°24	20°45	23°35	n.a.	S 15
S 16	7 20 50	21°42'52	11♋ 4	21°52	14°23	15° 8	4°18	14°39	16°21	14°21	11°59	19°13	20°42	23°42	n.a.	S 16
M17	7 24 47	22°43'23	23°51	23°41	15°38	15°53	4°29	14°45	16°22	14°22	11°59	19° 2	20°38	23°49	n.a.	M17
T 18	7 28 43	23°43'52	6♌25	25°31	16°52	16°39	4°41	14°51	16°23	14°23	11°58	18°54	20°35	23°55	n.a.	T 18
W19	7 32 40	24°44'20	18°44	27°22	18° 7	17°24	4°52	14°57	16°24	14°24	11°58	18°47	20°32	24° 2	n.a.	W19
T 20	7 36 37	25°44'46	0♍51	29°13	19°22	18° 9	5° 3	15° 3	16°25	14°25	11°58	18°43	20°29	24° 9	n.a.	T 20
F 21	7 40 33	26°45'10	12°47	1♎ 5	20°37	18°55	5°14	15° 9	16°26	14°26	11°58	18°41	20°26	24°15	n.a.	F 21
S 22	7 44 30	27°45'33	24°37	2°57	21°52	19°40	5°25	15°15	16°27	14°27	11°57	18°D41	20°23	24°22	n.a.	S 22
S 23	7 48 26	28°45'54	6♎24	4°50	23° 7	20°26	5°36	15°21	16°29	14°28	11°57	18°42	20°19	24°28	n.a.	S 23
M24	7 52 23	29°46'13	18°14	6°44	24°22	21°11	5°47	15°27	16°30	14°29	11°57	18°43	20°16	24°35	n.a.	M24
T 25	7 56 19	0♒46'31	0♏11	8°37	25°37	21°57	5°57	15°33	16°31	14°30	11°57	18°R44	20°13	24°42	n.a.	T 25
W26	8 0 16	1°46'48	12°21	10°31	26°52	22°42	6° 8	15°39	16°33	14°31	11°57	18°43	20°10	24°48	n.a.	W26
T 27	8 4 12	2°47'02	24°49	12°24	28° 7	23°28	6°18	15°46	16°34	14°32	11°57	18°41	20° 7	24°55	n.a.	T 27
F 28	8 8 9	3°47'16	7♐38	14°17	29°22	24°13	6°28	15°52	16°36	14°32	11°57	18°36	20° 3	25° 2	n.a.	F 28
S 29	8 12 6	4°47'27	20°53	16° 9	0♒36	24°59	6°39	15°58	16°37	14°33	11°57	18°30	20° 0	25° 8	n.a.	S 29
S 30	8 16 2	5°47'37	4♑34	18° 0	1°51	25°45	6°49	16° 5	16°39	14°34	11°D57	18°23	19°57	25°15	n.a.	S 30
M31	8 19 59	6♒47'45	18♑40	19♒49	3♒ 6	26♐30	6♐59	16♓11	16♈40	14♏35	11♉57	18♍16	19♍54	25♍22	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s34	17s42	4n59	25s14	1s33	24s 2	0s23	21s25	0s14	20s13	0n28	8s49	2s24	5n58	0s32	14s35	1n45	5n41	10s28	3n42	3n25	3n14		n.a.
S 2	23 31	18 41	5 0	25 20	1 37	24 7	0 25	21 34	0 15	20 16	0 28	8 47	2 24	5 58	0 32	14 35	1 45	5 41	10 28	3 47	3 26	3 13		n.a.
M 3	23 27	18 36	4 44	25 25	1 41	24 10	0 27	21 43	0 16	20 18	0 28	8 45	2 24	5 58	0 32	14 35	1 45	5 41	10 27	3 52	3 27	3 11		n.a.
T 4	23 23	17 22	4 10	25 29	1 45	24 13	0 29	21 52	0 17	20 21	0 28	8 43	2 23	5 58	0 32	14 36	1 45	5 41	10 27	3 56	3 29	3 9		n.a.
W 5	23 18	15 3	3 20	25 30	1 48	24 16	0 32	22 0	0 17	20 23	0 28	8 41	2 23	5 58	0 32	14 36	1 45	5 41	10 27	4 0	3 30	3 7		n.a.
T 6	23 13	11 47	2 17	25 30	1 51	24 17	0 34	22 9	0 18	20 26	0 28	8 39	2 23	5 58	0 32	14 37	1 45	5 41	10 27	4 2	3 31	3 5		n.a.
F 7	23 8	7 49	1 5	25 29	1 54	24 18	0 36	22 17	0 19	20 28	0 28	8 37	2 23	5 58	0 32	14 37	1 45	5 42	10 26	4 3	3 33	3 3		n.a.
S 8	23 2	3 25	0s11	25 26	1 56	24 18	0 38	22 25	0 20	20 31	0 27	8 35	2 23	5 59	0 32	14 37	1 45	5 42	10 26	4 3	3 34	3 2		n.a.
S 9	22 55	1n 8	1 25	25 21	1 58	24 17	0 40	22 32	0 20	20 33	0 27	8 33	2 22	5 59	0 32	14 38	1 45	5 42	10 26	4 3	3 35	3 0		n.a.
M10	22 48	5 35	2 34	25 14	1 59	24 15	0 42	22 40	0 21	20 36	0 27	8 31	2 22	5 59	0 32	14 38	1 45	5 42	10 26	4 3	3 36	2 58		n.a.
T 11	22 41	9 41	3 33	25 5	2 1	24 13	0 44	22 47	0 22	20 38	0 27	8 28	2 22	5 59	0 32	14 38	1 45	5 42	10 25	4 3	3 38	2 56		n.a.
W12	22 33	13 12	4 19	24 55	2 1	24 10	0 46	22 54	0 23	20 40	0 27	8 26	2 22	6 0	0 32	14 39	1 45	5 42	10 25	4 5	3 39	2 54		n.a.
T 13	22 25	15 58	4 49	24 43	2 2	24 6	0 48	23 0	0 23	20 43	0 27	8 24	2 22	6 0	0 32	14 39	1 45	5 42	10 25	4 7	3 40	2 52		n.a.
F 14	22 16	17 50	5 3	24 28	2 1	24 2	0 50	23 7	0 24	20 45	0 27	8 21	2 22	6 0	0 32	14 39	1 45	5 42	10 25	4 11	3 41	2 50		n.a.
S 15	22 7	18 42	5 1	24 12	2 1	23 57	0 52	23 13	0 25	20 47	0 27	8 19	2 21	6 1	0 32	14 40	1 45	5 42	10 24	4 15	3 43	2 49		n.a.
S 16	21 57	18 34	4 43	23 54	2 0	23 51	0 54	23 19	0 26	20 49	0 27	8 17	2 21	6 1	0 32	14 40	1 45	5 43	10 24	4 19	3 44	2 47		n.a.
M17	21 47	17 29	4 11	23 34	1 58	23 44	0 56	23 25	0 27	20 51	0 27	8 14	2 21	6 1	0 32	14 40	1 45	5 43	10 24	4 23	3 45	2 45		n.a.
T 18	21 37	15 34	3 27	23 12	1 56	23 36	0 58	23 30	0 27	20 54	0 27	8 12	2 21	6 2	0 32	14 41	1 45	5 43	10 24	4 27	3 46	2 43		n.a.
W19	21 26	12 57	2 34	22 47	1 53	23 28	0 59	23 36	0 28	20 56	0 27	8 9	2 21	6 2	0 32	14 41	1 45	5 43	10 23	4 29	3 48	2 41		n.a.
T 20	21 15	9 50	1 35	22 21	1 50	23 19	1 1	23 41	0 29	20 58	0 27	8 7	2 20	6 3	0 32	14 41	1 45	5 43	10 23	4 31	3 49	2 39		n.a.
F 21	21 4	6 21	0 32	21 53	1 46	23 10	1 3	23 45	0 30	21 0	0 27	8 5	2 20	6 3	0 32	14 41	1 46	5 43	10 23	4 32	3 50	2 38		n.a.
S 22	20 52	2 39	0n32	21 23	1 41	22 59	1 4	23 50	0 30	21 2	0 27	8 2	2 20	6 4	0 32	14 42	1 46	5 44	10 23	4 32	3 52	2 36		n.a.
S 23	20 40	1s 8	1 34	20 51	1 36	22 48	1 6	23 54	0 31	21 4	0 27	7 59	2 20	6 4	0 32	14 42	1 46	5 44	10 22	4 31	3 53	2 34		n.a.
M24	20 27	4 53	2 33	20 17	1 31	22 37	1 7	23 58	0 32	21 6	0 27	7 57	2 20	6 5	0 32	14 42	1 46	5 44	10 22	4 31	3 54	2 32		n.a.
T 25	20 14	8 28	3 25	19 41	1 24	22 24	1 9	24 2	0 33	21 8	0 27	7 54	2 20	6 5	0 31	14 42	1 46	5 44	10 22	4 31	3 55	2 30		n.a.
W26	20 0	11 46	4 10	19 3	1 17	22 11	1 10	24 5	0 34	21 9	0 27	7 52	2 20	6 6	0 31	14 42	1 46	5 44	10 22	4 31	3 57	2 28		n.a.
T 27	19 47	14 37	4 43	18 24	1 9	21 57	1 11	24 8	0 34	21 11	0 27	7 49	2 19	6 6	0 31	14 43	1 46	5 45	10 21	4 32	3 58	2 26		n.a.
F 28	19 32	16 51	5 4	17 43	1 1	21 43	1 13	24 11	0 35	21 13	0 27	7 46	2 19	6 7	0 31	14 43	1 46	5 45	10 21	4 34	3 59	2 25		n.a.
S 29	19 18	18 16	5 9	17 1	0 52	21 28	1 14	24 14	0 36	21 15	0 26	7 44	2 19	6 8	0 31	14 43	1 46	5 45	10 21	4 36	4 0	2 23		n.a.
S 30	19 3	18 42	4 57	16 17	0 42	21 12	1 15	24 16	0 37	21 17	0 26	7 41	2 19	6 8	0 31	14 43	1 46	5 45	10 21	4 39	4 2	2 21		n.a.
M31	18s48	18s 0	4n27	15s33	0s32	20s56	1s16	24s19	0s37	21s18	0n26	7s38	2s19	6n 9	0s31	14s43	1n46	5n46	10s20	4n42	4n 3	2n19		n.a.

Julian Day Number = 1600890.5, Delta T = 03h59m14s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'41, Lahiri = - 8°30'41 Julian Calendar 1 Jan. 330 BCE == Greg. Calendar 27 Dec. 331 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

FEBRUARY 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 23 55	7♒47'51	3♒ 6	21♒37	4♒21	27♐16	7♐ 9	16♓18	16♈42	14♏35	11♉57	18°R10	19♍51	25♍28	n.a.	T 1
W 2	8 27 52	8°47'55	17°47	23°23	5°36	28° 2	7°19	16°25	16°44	14°36	11°57	18♍ 5	19°48	25°35	n.a.	W 2
T 3	8 31 48	9°47'57	2♓35	25° 5	6°51	28°47	7°28	16°31	16°45	14°36	11°57	18° 2	19°44	25°42	n.a.	T 3
F 4	8 35 45	10°47'56	17°22	26°45	8° 5	29°33	7°38	16°38	16°47	14°37	11°57	18°D 1	19°41	25°48	n.a.	F 4
S 5	8 39 41	11°47'54	2♈ 3	28°20	9°20	0♑19	7°47	16°45	16°49	14°37	11°57	18° 2	19°38	25°55	n.a.	S 5
S 6	8 43 38	12°47'49	16°31	29°51	10°35	1° 4	7°57	16°52	16°51	14°38	11°57	18° 3	19°35	26° 1	n.a.	S 6
M 7	8 47 34	13°47'42	0♉44	1♓18	11°50	1°50	8° 6	16°59	16°53	14°38	11°57	18° 5	19°32	26° 8	n.a.	M 7
T 8	8 51 31	14°47'32	14°40	2°38	13° 4	2°36	8°15	17° 6	16°55	14°39	11°58	18°R 5	19°28	26°15	n.a.	T 8
W 9	8 55 28	15°47'21	28°19	3°53	14°19	3°22	8°24	17°13	16°57	14°39	11°58	18° 5	19°25	26°21	n.a.	W 9
T 10	8 59 24	16°47'06	11♊42	5° 2	15°34	4° 7	8°33	17°20	16°59	14°39	11°58	18° 2	19°22	26°28	n.a.	T 10
F 11	9 3 21	17°46'50	24°50	6° 4	16°48	4°53	8°42	17°27	17° 1	14°40	11°58	17°59	19°19	26°35	n.a.	F 11
S 12	9 7 17	18°46'31	7♋43	6°58	18° 3	5°39	8°50	17°34	17° 3	14°40	11°59	17°54	19°16	26°41	n.a.	S 12
S 13	9 11 14	19°46'10	20°23	7°45	19°18	6°25	8°59	17°41	17° 5	14°40	11°59	17°50	19°13	26°48	n.a.	S 13
M14	9 15 10	20°45'46	2♌51	8°24	20°32	7°11	9° 7	17°48	17° 8	14°40	11°59	17°45	19° 9	26°55	n.a.	M14
T 15	9 19 7	21°45'21	15° 8	8°55	21°47	7°57	9°15	17°55	17°10	14°41	12° 0	17°41	19° 6	27° 1	n.a.	T 15
W16	9 23 3	22°44'53	27°14	9°18	23° 1	8°42	9°23	18° 3	17°12	14°41	12° 0	17°38	19° 3	27° 8	n.a.	W16
T 17	9 27 0	23°44'23	9♍13	9°32	24°16	9°28	9°31	18°10	17°14	14°41	12° 0	17°37	19° 0	27°15	n.a.	T 17
F 18	9 30 57	24°43'50	21° 5	9°R39	25°30	10°14	9°39	18°17	17°17	14°41	12° 1	17°D37	18°57	27°21	n.a.	F 18
S 19	9 34 53	25°43'16	2♎53	9°37	26°45	11° 0	9°47	18°24	17°19	14°41	12° 1	17°37	18°54	27°28	n.a.	S 19
S 20	9 38 50	26°42'40	14°41	9°27	27°59	11°46	9°55	18°32	17°22	14°R41	12° 2	17°39	18°50	27°35	n.a.	S 20
M21	9 42 46	27°42'02	26°31	9°10	29°14	12°32	10° 2	18°39	17°24	14°41	12° 2	17°40	18°47	27°41	n.a.	M21
T 22	9 46 43	28°41'22	8♏29	8°47	0♓28	13°18	10° 9	18°47	17°27	14°41	12° 3	17°42	18°44	27°48	n.a.	T 22
W23	9 50 39	29°40'40	20°38	8°16	1°43	14° 4	10°16	18°54	17°29	14°41	12° 3	17°43	18°41	27°54	n.a.	W23
T 24	9 54 36	0♓39'56	3♐ 3	7°41	2°57	14°50	10°23	19° 2	17°32	14°41	12° 4	17°R43	18°38	28° 1	n.a.	T 24
F 25	9 58 32	1°39'10	15°49	7° 0	4°12	15°36	10°30	19° 9	17°34	14°40	12° 4	17°43	18°34	28° 8	n.a.	F 25
S 26	10 2 29	2°38'23	28°59	6°16	5°26	16°22	10°37	19°17	17°37	14°40	12° 5	17°41	18°31	28°14	n.a.	S 26
S 27	10 6 25	3°37'34	12♑36	5°28	6°41	17° 8	10°43	19°24	17°40	14°40	12° 5	17°40	18°28	28°21	n.a.	S 27
M28	10 10 22	4♓36'42	26♑40	4♓39	7♓55	17♑54	10♐50	19♓32	17♈42	14♏40	12♉ 6	17♍38	18♍25	28♍28	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s33	16s 8	3n40	14s48	0s20	20s39	1s17	24s20	0s38	21s20	0n26	7s36	2s19	6n10	0s31	14s43	1n46	5n46	10s20	4n44	4n 4	2n17		n.a.
W 2	18 17	13 12	2 37	14 2	0 9	20 22	1 18	24 22	0 39	21 22	0 26	7 33	2 19	6 10	0 31	14 43	1 46	5 46	10 20	4 46	4 5	2 15		n.a.
T 3	18 1	9 23	1 23	13 16	0n 4	20 4	1 19	24 23	0 40	21 24	0 26	7 30	2 18	6 11	0 31	14 44	1 46	5 46	10 19	4 47	4 7	2 13		n.a.
F 4	17 44	5 0	0 4	12 30	0 16	19 45	1 20	24 25	0 41	21 25	0 26	7 27	2 18	6 12	0 31	14 44	1 46	5 47	10 19	4 47	4 8	2 11		n.a.
S 5	17 28	0 20	1s16	11 44	0 30	19 26	1 21	24 25	0 41	21 27	0 26	7 25	2 18	6 13	0 31	14 44	1 46	5 47	10 19	4 47	4 9	2 10		n.a.
S 6	17 11	4n17	2 29	10 59	0 43	19 6	1 21	24 26	0 42	21 28	0 26	7 22	2 18	6 13	0 31	14 44	1 46	5 47	10 19	4 47	4 10	2 8		n.a.
M 7	16 53	8 33	3 32	10 16	0 57	18 46	1 22	24 26	0 43	21 30	0 26	7 19	2 18	6 14	0 31	14 44	1 46	5 48	10 18	4 46	4 12	2 6		n.a.
T 8	16 36	12 16	4 22	9 33	1 11	18 25	1 23	24 26	0 44	21 31	0 26	7 16	2 18	6 15	0 31	14 44	1 46	5 48	10 18	4 46	4 13	2 4		n.a.
W 9	16 18	15 14	4 55	8 53	1 25	18 4	1 23	24 26	0 45	21 33	0 26	7 13	2 18	6 16	0 31	14 44	1 47	5 48	10 18	4 46	4 14	2 2		n.a.
T 10	16 0	17 20	5 11	8 14	1 39	17 42	1 24	24 25	0 45	21 34	0 26	7 10	2 18	6 16	0 31	14 44	1 47	5 49	10 18	4 47	4 15	2 0		n.a.
F 11	15 41	18 27	5 11	7 39	1 53	17 19	1 24	24 25	0 46	21 36	0 26	7 8	2 18	6 17	0 31	14 44	1 47	5 49	10 17	4 48	4 17	1 58		n.a.
S 12	15 23	18 36	4 55	7 6	2 7	16 57	1 24	24 23	0 47	21 37	0 26	7 5	2 18	6 18	0 31	14 44	1 47	5 49	10 17	4 50	4 18	1 57		n.a.
S 13	15 4	17 49	4 24	6 36	2 20	16 33	1 25	24 22	0 48	21 38	0 26	7 2	2 17	6 19	0 31	14 44	1 47	5 50	10 17	4 52	4 19	1 55		n.a.
M14	14 45	16 10	3 42	6 9	2 33	16 10	1 25	24 21	0 48	21 40	0 26	6 59	2 17	6 20	0 31	14 44	1 47	5 50	10 17	4 54	4 21	1 53		n.a.
T 15	14 26	13 48	2 49	5 46	2 45	15 46	1 25	24 19	0 49	21 41	0 26	6 56	2 17	6 21	0 31	14 44	1 47	5 50	10 16	4 56	4 22	1 51		n.a.
W16	14 6	10 52	1 50	5 27	2 57	15 21	1 25	24 16	0 50	21 42	0 26	6 53	2 17	6 22	0 31	14 44	1 47	5 51	10 16	4 57	4 23	1 49		n.a.
T 17	13 46	7 30	0 46	5 12	3 7	14 56	1 25	24 14	0 51	21 44	0 26	6 50	2 17	6 23	0 31	14 44	1 47	5 51	10 16	4 57	4 24	1 47		n.a.
F 18	13 26	3 52	0n19	5 1	3 16	14 31	1 25	24 11	0 52	21 45	0 26	6 47	2 17	6 24	0 31	14 44	1 47	5 51	10 16	4 57	4 26	1 45		n.a.
S 19	13 6	0 7	1 23	4 55	3 24	14 5	1 25	24 8	0 52	21 46	0 26	6 44	2 17	6 25	0 31	14 44	1 47	5 52	10 15	4 57	4 27	1 43		n.a.
S 20	12 46	3s39	2 24	4 52	3 31	13 39	1 25	24 5	0 53	21 47	0 26	6 41	2 17	6 26	0 31	14 44	1 47	5 52	10 15	4 56	4 28	1 42		n.a.
M21	12 25	7 16	3 19	4 54	3 36	13 12	1 25	24 2	0 54	21 48	0 25	6 38	2 17	6 27	0 31	14 44	1 47	5 52	10 15	4 56	4 29	1 40		n.a.
T 22	12 4	10 38	4 6	5 0	3 39	12 45	1 25	23 58	0 55	21 50	0 25	6 35	2 17	6 28	0 31	14 44	1 47	5 53	10 15	4 55	4 31	1 38		n.a.
W23	11 43	13 36	4 42	5 9	3 41	12 18	1 24	23 54	0 55	21 51	0 25	6 32	2 17	6 29	0 31	14 44	1 47	5 53	10 14	4 55	4 32	1 36		n.a.
T 24	11 22	16 1	5 7	5 23	3 41	11 51	1 24	23 50	0 56	21 52	0 25	6 29	2 17	6 30	0 31	14 44	1 47	5 54	10 14	4 55	4 33	1 34		n.a.
F 25	11 1	17 43	5 17	5 40	3 39	11 23	1 23	23 45	0 57	21 53	0 25	6 26	2 17	6 31	0 31	14 44	1 47	5 54	10 14	4 55	4 34	1 32		n.a.
S 26	10 40	18 33	5 11	6 0	3 35	10 55	1 23	23 40	0 58	21 54	0 25	6 23	2 16	6 32	0 31	14 44	1 47	5 54	10 14	4 55	4 36	1 30		n.a.
S 27	10 18	18 21	4 47	6 22	3 30	10 26	1 22	23 35	0 59	21 55	0 25	6 20	2 16	6 33	0 31	14 43	1 48	5 55	10 13	4 56	4 37	1 28		n.a.
M28	9s56	17s 3	4n 7	6s47	3n23	9s58	1s22	23s30	0s59	21s56	0n25	6s17	2s16	6n34	0s30	14s43	1n48	5n55	10s13	4n57	4n38	1n27		n.a.

Julian Day Number = 1600921.5, Delta T = 03h59m13s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'37, Lahiri = - 8°30'37 Julian Calendar 1 Feb. 330 BCE == Greg. Calendar 27 Jan. 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

MARCH 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 14 19	5♓35'49	11♒ 9	3°R49	9♓ 9	18♉39	10♐56	19♓39	17♈45	14°R39	12♉ 7	17°R36	18♍22	28♍34	n.a.	T 1
W 2	10 18 15	6°34'54	25°58	2♓59	10°24	19°25	11° 2	19°47	17°48	14♏39	12° 7	17♍35	18°19	28°41	n.a.	W 2
T 3	10 22 12	7°33'56	11♓ 0	2°10	11°38	20°11	11° 8	19°55	17°51	14°39	12° 8	17°D35	18°15	28°48	n.a.	T 3
F 4	10 26 8	8°32'57	26° 7	1°23	12°52	20°57	11°14	20° 2	17°54	14°38	12° 9	17°35	18°12	28°54	n.a.	F 4
S 5	10 30 5	9°31'55	11♈10	0°39	14° 7	21°43	11°19	20°10	17°56	14°38	12° 9	17°35	18° 9	29° 1	n.a.	S 5
S 6	10 34 1	10°30'51	25°59	29♒58	15°21	22°29	11°25	20°17	17°59	14°38	12°10	17°36	18° 6	29° 8	n.a.	S 6
M 7	10 37 58	11°29'44	10♉30	29°21	16°35	23°15	11°30	20°25	18° 2	14°37	12°11	17°36	18° 3	29°14	n.a.	M 7
T 8	10 41 54	12°28'35	24°39	28°49	17°49	24° 1	11°35	20°33	18° 5	14°37	12°11	17°37	18° 0	29°21	n.a.	T 8
W 9	10 45 51	13°27'24	8♊24	28°21	19° 4	24°47	11°40	20°41	18° 8	14°36	12°12	17°R37	17°56	29°28	n.a.	W 9
T 10	10 49 48	14°26'11	21°45	27°59	20°18	25°33	11°45	20°48	18°11	14°35	12°13	17°37	17°53	29°34	n.a.	T 10
F 11	10 53 44	15°24'55	4♋45	27°42	21°32	26°19	11°50	20°56	18°14	14°35	12°14	17°37	17°50	29°41	n.a.	F 11
S 12	10 57 41	16°23'36	17°27	27°30	22°46	27° 5	11°54	21° 4	18°17	14°34	12°15	17°37	17°47	29°47	n.a.	S 12
S 13	11 1 37	17°22'16	29°53	27°24	24° 0	27°51	11°58	21°11	18°20	14°34	12°16	17°D37	17°44	29°54	n.a.	S 13
M14	11 5 34	18°20'53	12♌ 6	27°D23	25°15	28°37	12° 2	21°19	18°23	14°33	12°16	17°37	17°40	0♎ 1	n.a.	M14
T 15	11 9 30	19°19'28	24° 9	27°27	26°29	29°22	12° 6	21°27	18°27	14°32	12°17	17°37	17°37	0° 7	n.a.	T 15
W16	11 13 27	20°18'00	6♍ 5	27°36	27°43	0♒ 8	12°10	21°35	18°30	14°31	12°18	17°37	17°34	0°14	n.a.	W16
T 17	11 17 23	21°16'31	17°57	27°50	28°57	0°54	12°14	21°42	18°33	14°31	12°19	17°R37	17°31	0°21	n.a.	T 17
F 18	11 21 20	22°14'59	29°45	28° 9	0♈11	1°40	12°17	21°50	18°36	14°30	12°20	17°37	17°28	0°27	n.a.	F 18
S 19	11 25 16	23°13'26	11♎33	28°33	1°25	2°26	12°20	21°58	18°39	14°29	12°21	17°37	17°25	0°34	n.a.	S 19
S 20	11 29 13	24°11'50	23°23	29° 1	2°39	3°12	12°23	22° 6	18°42	14°28	12°22	17°36	17°21	0°41	n.a.	S 20
M21	11 33 10	25°10'13	5♏18	29°33	3°53	3°57	12°26	22°13	18°46	14°27	12°23	17°35	17°18	0°47	n.a.	M21
T 22	11 37 6	26° 8'34	17°19	0♓ 9	5° 7	4°43	12°29	22°21	18°49	14°26	12°24	17°34	17°15	0°54	n.a.	T 22
W23	11 41 3	27° 6'54	29°31	0°49	6°21	5°29	12°31	22°29	18°52	14°25	12°25	17°33	17°12	1° 1	n.a.	W23
T 24	11 44 59	28° 5'11	11♐58	1°33	7°35	6°15	12°34	22°37	18°55	14°24	12°26	17°32	17° 9	1° 7	n.a.	T 24
F 25	11 48 56	29° 3'28	24°41	2°21	8°49	7° 0	12°36	22°44	18°59	14°23	12°27	17°D31	17° 5	1°14	n.a.	F 25
S 26	11 52 52	0♈ 1'42	7♉46	3°11	10° 2	7°46	12°38	22°52	19° 2	14°22	12°28	17°31	17° 2	1°21	n.a.	S 26
S 27	11 56 49	0°59'55	21°14	4° 5	11°16	8°32	12°40	23° 0	19° 5	14°21	12°29	17°32	16°59	1°27	n.a.	S 27
M28	12 0 45	1°58'06	5♒ 8	5° 2	12°30	9°18	12°41	23° 7	19° 9	14°20	12°30	17°33	16°56	1°34	n.a.	M28
T 29	12 4 42	2°56'16	19°28	6° 2	13°44	10° 3	12°43	23°15	19°12	14°19	12°31	17°34	16°53	1°40	n.a.	T 29
W30	12 8 39	3°54'24	4♓10	7° 5	14°58	10°49	12°44	23°23	19°15	14°18	12°32	17°35	16°50	1°47	n.a.	W30
T 31	12 12 35	4♈52'31	19♓11	8♓11	16♈12	11♒35	12♐45	23♓30	19♈19	14♏17	12♉34	17°R35	16♍46	1♎54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s34	14s37	3n 9	7s13	3n14	9s29	1s21	23s24	1s 0	21s57	0n25	6s14	2s16	6n35	0s30	14s43	1n48	5n56	10s13	4n57	4n39	1n25			n.a.
W 2	9 12	11 11	1 57	7 41	3 4	9 0	1 20	23 19	1 1	21 57	0 25	6 11	2 16	6 36	0 30	14 43	1 48	5 56	10 13	4 58	4 41	1 23			n.a.
T 3	8 50	6 58	0 36	8 9	2 52	8 30	1 19	23 12	1 2	21 58	0 25	6 8	2 16	6 37	0 30	14 43	1 48	5 57	10 12	4 58	4 42	1 21			n.a.
F 4	8 28	2 17	0s47	8 38	2 40	8 1	1 19	23 6	1 2	21 59	0 25	6 5	2 16	6 38	0 30	14 43	1 48	5 57	10 12	4 58	4 43	1 19			n.a.
S 5	8 5	2n31	2 7	9 6	2 26	7 31	1 18	23 0	1 3	22 0	0 25	6 2	2 16	6 39	0 30	14 43	1 48	5 57	10 12	4 58	4 44	1 17			n.a.
S 6	7 43	7 5	3 18	9 34	2 12	7 1	1 17	22 53	1 4	22 1	0 25	5 58	2 16	6 40	0 30	14 42	1 48	5 58	10 12	4 58	4 46	1 15			n.a.
M 7	7 20	11 8	4 14	10 1	1 57	6 31	1 16	22 46	1 5	22 2	0 25	5 55	2 16	6 42	0 30	14 42	1 48	5 58	10 11	4 57	4 47	1 13			n.a.
T 8	6 58	14 26	4 53	10 27	1 41	6 1	1 14	22 38	1 5	22 2	0 25	5 52	2 16	6 43	0 30	14 42	1 48	5 59	10 11	4 57	4 48	1 12			n.a.
W 9	6 35	16 48	5 14	10 51	1 26	5 30	1 13	22 31	1 6	22 3	0 25	5 49	2 16	6 44	0 30	14 42	1 48	5 59	10 11	4 57	4 49	1 10			n.a.
T 10	6 12	18 12	5 17	11 14	1 10	4 59	1 12	22 23	1 7	22 4	0 25	5 46	2 16	6 45	0 30	14 42	1 48	6 0	10 11	4 57	4 51	1 8			n.a.
F 11	5 49	18 35	5 4	11 34	0 54	4 29	1 11	22 15	1 7	22 4	0 25	5 43	2 16	6 46	0 30	14 41	1 48	6 0	10 10	4 57	4 52	1 6			n.a.
S 12	5 26	18 1	4 36	11 53	0 39	3 58	1 9	22 7	1 8	22 5	0 25	5 40	2 16	6 47	0 30	14 41	1 48	6 1	10 10	4 57	4 53	1 4			n.a.
S 13	5 3	16 35	3 56	12 10	0 23	3 27	1 8	21 58	1 9	22 6	0 25	5 37	2 16	6 49	0 30	14 41	1 48	6 1	10 10	4 57	4 54	1 2			n.a.
M14	4 40	14 25	3 5	12 24	0 9	2 56	1 7	21 50	1 10	22 6	0 25	5 34	2 16	6 50	0 30	14 41	1 48	6 1	10 10	4 57	4 56	1 0			n.a.
T 15	4 17	11 38	2 7	12 36	0s 6	2 25	1 5	21 41	1 10	22 7	0 25	5 31	2 16	6 51	0 30	14 40	1 48	6 2	10 10	4 57	4 57	0 58			n.a.
W16	3 53	8 24	1 4	12 46	0 20	1 53	1 4	21 32	1 11	22 7	0 24	5 28	2 16	6 52	0 30	14 40	1 48	6 2	10 9	4 57	4 58	0 56			n.a.
T 17	3 30	4 51	0n 2	12 53	0 33	1 22	1 2	21 22	1 12	22 8	0 24	5 24	2 16	6 54	0 30	14 40	1 48	6 3	10 9	4 57	4 59	0 55			n.a.
F 18	3 7	1 7	1 7	12 59	0 46	0 51	1 0	21 13	1 12	22 8	0 24	5 21	2 16	6 55	0 30	14 40	1 48	6 3	10 9	4 57	5 1	0 53			n.a.
S 19	2 43	2s39	2 9	13 2	0 58	0 20	0 59	21 3	1 13	22 9	0 24	5 18	2 16	6 56	0 30	14 39	1 48	6 4	10 9	4 57	5 2	0 51			n.a.
S 20	2 20	6 19	3 6	13 3	1 10	0n12	0 57	20 53	1 14	22 9	0 24	5 15	2 16	6 57	0 30	14 39	1 49	6 4	10 9	4 58	5 3	0 49			n.a.
M21	1 57	9 45	3 55	13 1	1 21	0 43	0 55	20 42	1 15	22 10	0 24	5 12	2 16	6 58	0 30	14 39	1 49	6 5	10 8	4 58	5 5	0 47			n.a.
T 22	1 33	12 49	4 34	12 58	1 31	1 15	0 53	20 32	1 15	22 10	0 24	5 9	2 16	7 0	0 30	14 38	1 49	6 5	10 8	4 58	5 6	0 45			n.a.
W23	1 10	15 23	5 2	12 53	1 40	1 46	0 51	20 21	1 16	22 11	0 24	5 6	2 16	7 1	0 30	14 38	1 49	6 6	10 8	4 59	5 7	0 43			n.a.
T 24	0 46	17 17	5 16	12 45	1 49	2 17	0 49	20 11	1 17	22 11	0 24	5 3	2 16	7 2	0 30	14 38	1 49	6 6	10 8	4 59	5 8	0 41			n.a.
F 25	0 23	18 23	5 15	12 35	1 57	2 48	0 47	20 0	1 17	22 11	0 24	5 0	2 16	7 4	0 30	14 37	1 49	6 7	10 8	4 59	5 10	0 39			n.a.
S 26	0n 1	18 33	4 58	12 24	2 5	3 20	0 45	19 48	1 18	22 12	0 24	4 57	2 16	7 5	0 30	14 37	1 49	6 7	10 7	4 59	5 11	0 38			n.a.
S 27	0 24	17 41	4 24	12 10	2 12	3 51	0 43	19 37	1 19	22 12	0 24	4 54	2 16	7 6	0 30	14 37	1 49	6 8	10 7	4 59	5 12	0 36			n.a.
M28	0 48	15 45	3 34	11 55	2 18	4 22	0 41	19 25	1 19	22 12	0 24	4 51	2 16	7 7	0 30	14 36	1 49	6 8	10 7	4 59	5 13	0 34			n.a.
T 29	1 11	12 48	2 30	11 38	2 24	4 53	0 39	19 13	1 20	22 12	0 24	4 48	2 16	7 9	0 30	14 36	1 49	6 9	10 7	4 58	5 15	0 32			n.a.
W30	1 34	8 57	1 14	11 19	2 29	5 24	0 37	19 1	1 21	22 13	0 24	4 45	2 17	7 10	0 30	14 36	1 49	6 9	10 7	4 58	5 16	0 30			n.a.
T 31	1n58	4s28	0s 9	10s58	2s33	5n54	0s35	18s49	1s21	22s13	0n24	4s42	2s17	7n11	0s30	14s35	1n49	6n10	10s 6	4n58	5n17	0n28			n.a.

Julian Day Number = 1600949.5, Delta T = 03h59m12s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'33, Lahiri = - 8°30'33 Julian Calendar 1 March 330 BCE == Greg. Calendar 24 Feb. 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

APRIL 330 BCE (-329) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 16 32	5♈50'35	4♈22	9♓19	17♈25	12♒20	12♐46	23♓38	19♈22	14°R16	12♉35	17°R35	16♍43	2♎ 0	n.a.	F 1
S 2	12 20 28	6°48'38	19°33	10°30	18°39	13° 6	12°46	23°46	19°26	14♏15	12°36	17♍33	16°40	2° 7	n.a.	S 2
S 3	12 24 25	7°46'40	4♉37	11°43	19°53	13°51	12°47	23°53	19°29	14°13	12°37	17°31	16°37	2°14	n.a.	S 3
M 4	12 28 21	8°44'39	19°22	12°59	21° 7	14°37	12°47	24° 1	19°32	14°12	12°38	17°28	16°34	2°20	n.a.	M 4
T 5	12 32 18	9°42'36	3♊44	14°17	22°20	15°22	12°R47	24° 8	19°36	14°11	12°39	17°26	16°31	2°27	n.a.	T 5
W 6	12 36 14	10°40'32	17°39	15°38	23°34	16° 8	12°47	24°16	19°39	14°10	12°41	17°23	16°27	2°34	n.a.	W 6
T 7	12 40 11	11°38'26	1♋ 7	17° 0	24°48	16°53	12°47	24°23	19°43	14° 8	12°42	17°22	16°24	2°40	n.a.	T 7
F 8	12 44 7	12°36'18	14° 8	18°25	26° 1	17°39	12°46	24°31	19°46	14° 7	12°43	17°D21	16°21	2°47	n.a.	F 8
S 9	12 48 4	13°34'07	26°47	19°52	27°15	18°24	12°46	24°38	19°50	14° 6	12°44	17°22	16°18	2°54	n.a.	S 9
S 10	12 52 1	14°31'55	9♌ 7	21°21	28°29	19° 9	12°45	24°46	19°53	14° 4	12°45	17°23	16°15	3° 0	n.a.	S 10
M11	12 55 57	15°29'42	21°13	22°53	29°42	19°55	12°44	24°53	19°57	14° 3	12°47	17°25	16°11	3° 7	n.a.	M11
T 12	12 59 54	16°27'26	3♍ 8	24°26	0♉56	20°40	12°42	25° 1	20° 0	14° 2	12°48	17°27	16° 8	3°14	n.a.	T 12
W13	13 3 50	17°25'09	14°58	26° 2	2° 9	21°25	12°41	25° 8	20° 4	14° 0	12°49	17°R28	16° 5	3°20	n.a.	W13
T 14	13 7 47	18°22'50	26°46	27°39	3°23	22°10	12°39	25°16	20° 7	13°59	12°50	17°27	16° 2	3°27	n.a.	T 14
F 15	13 11 43	19°20'29	8♎34	29°19	4°36	22°55	12°38	25°23	20°10	13°57	12°52	17°25	15°59	3°34	n.a.	F 15
S 16	13 15 40	20°18'07	20°24	1♈ 1	5°50	23°41	12°36	25°30	20°14	13°56	12°53	17°22	15°56	3°40	n.a.	S 16
S 17	13 19 36	21°15'44	2♏20	2°45	7° 3	24°26	12°33	25°37	20°17	13°55	12°54	17°17	15°52	3°47	n.a.	S 17
M18	13 23 33	22°13'19	14°23	4°31	8°17	25°11	12°31	25°45	20°21	13°53	12°56	17°11	15°49	3°54	n.a.	M18
T 19	13 27 30	23°10'53	26°34	6°19	9°30	25°56	12°29	25°52	20°24	13°52	12°57	17° 5	15°46	4° 0	n.a.	T 19
W20	13 31 26	24° 8'26	8♐55	8° 9	10°43	26°41	12°26	25°59	20°28	13°50	12°58	16°59	15°43	4° 7	n.a.	W20
T 21	13 35 23	25° 5'58	21°29	10° 1	11°57	27°26	12°23	26° 6	20°31	13°49	13° 0	16°54	15°40	4°13	n.a.	T 21
F 22	13 39 19	26° 3'29	4♑17	11°56	13°10	28°10	12°20	26°13	20°35	13°47	13° 1	16°50	15°36	4°20	n.a.	F 22
S 23	13 43 16	27° 0'59	17°21	13°52	14°23	28°55	12°17	26°20	20°38	13°46	13° 2	16°48	15°33	4°27	n.a.	S 23
S 24	13 47 12	27°58'28	0♒45	15°50	15°37	29°40	12°13	26°27	20°42	13°44	13° 4	16°D47	15°30	4°33	n.a.	S 24
M25	13 51 9	28°55'56	14°29	17°50	16°50	0♓25	12°10	26°34	20°45	13°43	13° 5	16°48	15°27	4°40	n.a.	M25
T 26	13 55 5	29°53'23	28°35	19°52	18° 3	1°10	12° 6	26°41	20°48	13°41	13° 6	16°49	15°24	4°47	n.a.	T 26
W27	13 59 2	0♉50'49	13♓ 3	21°56	19°17	1°54	12° 2	26°48	20°52	13°39	13° 8	16°R50	15°21	4°53	n.a.	W27
T 28	14 2 59	1°48'15	27°49	24° 2	20°30	2°39	11°58	26°55	20°55	13°38	13° 9	16°50	15°17	5° 0	n.a.	T 28
F 29	14 6 55	2°45'39	12♈48	26° 9	21°43	3°23	11°54	27° 2	20°59	13°36	13°10	16°48	15°14	5° 7	n.a.	F 29
S 30	14 10 52	3♉43'03	27♈53	28♈17	22♉56	4♓ 8	11♐49	27♓ 9	21♈ 2	13♏35	13♉12	16♍43	15♍11	5♎13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n21	0n21	1s32	10s35	2s37	6n25	0s33	18s37	1s22	22s13	0n24	4s39	2s17	7n13	0s30	14s35	1n49	6n10	10s 6	4n58	5n18	0n26		n.a.
S 2	2 44	5 10	2 48	10 11	2 40	6 56	0 31	18 24	1 22	22 13	0 24	4 36	2 17	7 14	0 30	14 34	1 49	6 11	10 6	4 59	5 20	0 24		n.a.
S 3	3 7	9 35	3 52	9 45	2 42	7 26	0 28	18 12	1 23	22 13	0 23	4 33	2 17	7 15	0 30	14 34	1 49	6 11	10 6	4 59	5 21	0 22		n.a.
M 4	3 30	13 19	4 38	9 17	2 44	7 56	0 26	17 59	1 24	22 13	0 23	4 30	2 17	7 17	0 30	14 34	1 49	6 12	10 6	5 0	5 22	0 21		n.a.
T 5	3 54	16 8	5 7	8 47	2 45	8 26	0 24	17 46	1 24	22 13	0 23	4 27	2 17	7 18	0 30	14 33	1 49	6 12	10 6	5 2	5 23	0 19		n.a.
W 6	4 17	17 55	5 15	8 16	2 46	8 56	0 21	17 33	1 25	22 13	0 23	4 24	2 17	7 19	0 30	14 33	1 49	6 13	10 5	5 2	5 25	0 17		n.a.
T 7	4 39	18 37	5 6	7 44	2 46	9 25	0 19	17 19	1 25	22 13	0 23	4 21	2 17	7 21	0 30	14 32	1 49	6 13	10 5	5 3	5 26	0 15		n.a.
F 8	5 2	18 18	4 42	7 9	2 45	9 55	0 17	17 6	1 26	22 13	0 23	4 18	2 17	7 22	0 30	14 32	1 49	6 14	10 5	5 3	5 27	0 13		n.a.
S 9	5 25	17 4	4 4	6 34	2 44	10 24	0 14	16 52	1 27	22 13	0 23	4 15	2 17	7 23	0 30	14 32	1 49	6 14	10 5	5 3	5 28	0 11		n.a.
S 10	5 48	15 3	3 16	5 56	2 42	10 53	0 12	16 38	1 27	22 13	0 23	4 12	2 17	7 25	0 30	14 31	1 49	6 15	10 5	5 2	5 30	0 9		n.a.
M11	6 10	12 24	2 19	5 18	2 39	11 22	0 9	16 25	1 28	22 13	0 23	4 9	2 17	7 26	0 30	14 31	1 49	6 15	10 5	5 2	5 31	0 7		n.a.
T 12	6 33	9 16	1 18	4 37	2 36	11 50	0 7	16 10	1 28	22 13	0 23	4 6	2 17	7 27	0 30	14 30	1 49	6 16	10 5	5 1	5 32	0 5		n.a.
W13	6 55	5 47	0 14	3 56	2 33	12 18	0 4	15 56	1 29	22 13	0 23	4 3	2 18	7 29	0 30	14 30	1 49	6 16	10 4	5 1	5 33	0 3		n.a.
T 14	7 17	2 5	0n51	3 13	2 29	12 46	0 2	15 42	1 29	22 13	0 23	4 0	2 18	7 30	0 30	14 29	1 49	6 17	10 4	5 1	5 35	0 2		n.a.
F 15	7 40	1s42	1 53	2 28	2 24	13 13	0n 1	15 27	1 30	22 13	0 23	3 58	2 18	7 31	0 30	14 29	1 49	6 17	10 4	5 2	5 36	0s 0		n.a.
S 16	8 2	5 26	2 51	1 42	2 19	13 41	0 3	15 13	1 31	22 13	0 23	3 55	2 18	7 33	0 30	14 29	1 49	6 18	10 4	5 3	5 37	0 2		n.a.
S 17	8 24	8 59	3 41	0 55	2 13	14 7	0 6	14 58	1 31	22 12	0 23	3 52	2 18	7 34	0 30	14 28	1 49	6 18	10 4	5 5	5 38	0 4		n.a.
M18	8 45	12 11	4 22	0 7	2 6	14 34	0 8	14 43	1 32	22 12	0 22	3 49	2 18	7 35	0 30	14 28	1 49	6 19	10 4	5 7	5 39	0 6		n.a.
T 19	9 7	14 54	4 51	0n43	2 0	15 0	0 11	14 28	1 32	22 12	0 22	3 46	2 18	7 36	0 30	14 27	1 49	6 19	10 4	5 10	5 41	0 8		n.a.
W20	9 28	16 59	5 8	1 33	1 52	15 26	0 13	14 13	1 33	22 12	0 22	3 44	2 18	7 38	0 30	14 27	1 49	6 20	10 4	5 12	5 42	0 10		n.a.
T 21	9 50	18 18	5 10	2 25	1 45	15 51	0 16	13 58	1 33	22 11	0 22	3 41	2 18	7 39	0 30	14 26	1 50	6 20	10 4	5 14	5 43	0 12		n.a.
F 22	10 11	18 43	4 57	3 18	1 36	16 16	0 18	13 43	1 34	22 11	0 22	3 38	2 19	7 40	0 30	14 26	1 50	6 21	10 3	5 16	5 44	0 14		n.a.
S 23	10 32	18 10	4 28	4 11	1 28	16 41	0 21	13 28	1 34	22 11	0 22	3 35	2 19	7 42	0 30	14 25	1 50	6 21	10 3	5 16	5 46	0 16		n.a.
S 24	10 53	16 35	3 44	5 6	1 19	17 5	0 23	13 12	1 35	22 10	0 22	3 33	2 19	7 43	0 30	14 25	1 50	6 22	10 3	5 17	5 47	0 17		n.a.
M25	11 14	14 2	2 47	6 1	1 9	17 29	0 26	12 56	1 35	22 10	0 22	3 30	2 19	7 44	0 30	14 24	1 50	6 22	10 3	5 16	5 48	0 19		n.a.
T 26	11 34	10 35	1 37	6 57	0 59	17 52	0 28	12 41	1 36	22 10	0 22	3 27	2 19	7 46	0 30	14 24	1 50	6 23	10 3	5 16	5 49	0 21		n.a.
W27	11 55	6 25	0 21	7 53	0 49	18 15	0 31	12 25	1 36	22 9	0 22	3 25	2 19	7 47	0 30	14 23	1 50	6 23	10 3	5 15	5 51	0 23		n.a.
T 28	12 15	1 47	0s59	8 50	0 39	18 38	0 33	12 9	1 36	22 9	0 22	3 22	2 19	7 48	0 30	14 23	1 50	6 24	10 3	5 16	5 52	0 25		n.a.
F 29	12 35	3n 2	2 16	9 46	0 29	18 59	0 36	11 53	1 37	22 8	0 21	3 19	2 20	7 50	0 30	14 22	1 50	6 24	10 3	5 17	5 53	0 27		n.a.
S 30	12n55	7n41	3s23	10n43	0s18	19n21	0n38	11s37	1s37	22s 8	0n21	3s17	2s20	7n51	0s30	14s22	1n50	6n24	10s 3	5n18	5n54	0s29		n.a.

Julian Day Number = 1600980.5, Delta T = 03h59m11s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'29, Lahiri = - 8°30'29 Julian Calendar 1 Apr. 330 BCE == Greg. Calendar 27 March 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

MAY 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 14 48	4♉40'26	12♉54	0♉27	24♉ 9	4♓52	11°R45	27♓15	21♈ 6	13°R33	13♉13	16°R37	15♍ 8	5♎20	n.a.	S 1
M 2	14 18 45	5°37'47	27°43	2°37	25°22	5°37	11♐40	27°22	21° 9	13♏32	13°14	16♍30	15° 5	5°27	n.a.	M 2
T 3	14 22 41	6°35'08	12♊10	4°48	26°36	6°21	11°35	27°29	21°12	13°30	13°16	16°22	15° 2	5°33	n.a.	T 3
W 4	14 26 38	7°32'28	26°12	7° 0	27°49	7° 5	11°30	27°35	21°16	13°28	13°17	16°16	14°58	5°40	n.a.	W 4
T 5	14 30 34	8°29'46	9♋45	9°12	29° 2	7°49	11°25	27°42	21°19	13°27	13°19	16°10	14°55	5°47	n.a.	T 5
F 6	14 34 31	9°27'03	22°50	11°23	0♊15	8°34	11°19	27°48	21°22	13°25	13°20	16° 7	14°52	5°53	n.a.	F 6
S 7	14 38 28	10°24'20	5♌31	13°35	1°28	9°18	11°14	27°55	21°26	13°23	13°21	16°D 5	14°49	6° 0	n.a.	S 7
S 8	14 42 24	11°21'35	17°51	15°45	2°41	10° 2	11° 8	28° 1	21°29	13°22	13°23	16° 6	14°46	6° 7	n.a.	S 8
M 9	14 46 21	12°18'49	29°55	17°55	3°54	10°46	11° 3	28° 7	21°32	13°20	13°24	16° 6	14°42	6°13	n.a.	M 9
T 10	14 50 17	13°16'02	11♍49	20° 4	5° 7	11°29	10°57	28°14	21°36	13°19	13°26	16°R 7	14°39	6°20	n.a.	T 10
W11	14 54 14	14°13'14	23°37	22°11	6°20	12°13	10°51	28°20	21°39	13°17	13°27	16° 7	14°36	6°27	n.a.	W11
T 12	14 58 10	15°10'26	5♎24	24°17	7°33	12°57	10°45	28°26	21°42	13°15	13°28	16° 5	14°33	6°33	n.a.	T 12
F 13	15 2 7	16° 7'36	17°14	26°22	8°46	13°41	10°38	28°32	21°45	13°14	13°30	16° 1	14°30	6°40	n.a.	F 13
S 14	15 6 3	17° 4'46	29°10	28°24	9°58	14°24	10°32	28°38	21°49	13°12	13°31	15°54	14°27	6°47	n.a.	S 14
S 15	15 10 0	18° 1'55	11♏15	0♊24	11°11	15° 8	10°26	28°44	21°52	13°11	13°32	15°45	14°23	6°53	n.a.	S 15
M16	15 13 57	18°59'04	23°29	2°23	12°24	15°51	10°19	28°50	21°55	13° 9	13°34	15°35	14°20	7° 0	n.a.	M16
T 17	15 17 53	19°56'12	5♐54	4°19	13°37	16°35	10°12	28°56	21°58	13° 7	13°35	15°23	14°17	7° 6	n.a.	T 17
W18	15 21 50	20°53'20	18°31	6°13	14°50	17°18	10° 5	29° 2	22° 1	13° 6	13°37	15°12	14°14	7°13	n.a.	W18
T 19	15 25 46	21°50'27	1♑19	8° 5	16° 2	18° 2	9°59	29° 7	22° 4	13° 4	13°38	15° 3	14°11	7°20	n.a.	T 19
F 20	15 29 43	22°47'35	14°20	9°55	17°15	18°45	9°52	29°13	22° 8	13° 3	13°39	14°55	14° 8	7°26	n.a.	F 20
S 21	15 33 39	23°44'42	27°33	11°42	18°28	19°28	9°45	29°19	22°11	13° 1	13°41	14°50	14° 4	7°33	n.a.	S 21
S 22	15 37 36	24°41'49	11♒ 0	13°27	19°41	20°11	9°38	29°24	22°14	12°59	13°42	14°47	14° 1	7°40	n.a.	S 22
M23	15 41 32	25°38'56	24°41	15°10	20°53	20°54	9°30	29°30	22°17	12°58	13°44	14°D47	13°58	7°46	n.a.	M23
T 24	15 45 29	26°36'03	8♓39	16°51	22° 6	21°37	9°23	29°35	22°20	12°56	13°45	14°R47	13°55	7°53	n.a.	T 24
W25	15 49 26	27°33'10	22°52	18°29	23°18	22°20	9°16	29°40	22°23	12°55	13°46	14°47	13°52	8° 0	n.a.	W25
T 26	15 53 22	28°30'17	7♈20	20° 5	24°31	23° 2	9° 8	29°46	22°26	12°53	13°48	14°45	13°48	8° 6	n.a.	T 26
F 27	15 57 19	29°27'25	21°59	21°38	25°44	23°45	9° 1	29°51	22°29	12°52	13°49	14°41	13°45	8°13	n.a.	F 27
S 28	16 1 15	0♊24'32	6♉45	23°10	26°56	24°28	8°53	29°56	22°32	12°50	13°50	14°35	13°42	8°20	n.a.	S 28
S 29	16 5 12	1°21'40	21°30	24°38	28° 9	25°10	8°46	0♈ 1	22°34	12°49	13°52	14°26	13°39	8°26	n.a.	S 29
M30	16 9 8	2°18'47	6♊ 6	26° 5	29°21	25°53	8°38	0° 6	22°37	12°47	13°53	14°15	13°36	8°33	n.a.	M30
T 31	16 13 5	3♊15'55	20♊26	27♊29	0♋34	26♓35	8♐31	0♈11	22♈40	12♏46	13♉54	14♍ 4	13♍33	8♎40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	13n14	11n50	4s17	11n39	0s 7	19n42	0n41	11s21	1s38	22s 7	0n21	3s14	2s20	7n52	0s30	14s21	1n50	6n25	10s 3	5n21	5n56	0s31			n.a.
M 2	13 34	15 10	4 51	12 35	0n 3	20 2	0 43	11 5	1 38	22 7	0 21	3 12	2 20	7 53	0 30	14 21	1 50	6 25	10 3	5 24	5 57	0 33			n.a.
T 3	13 53	17 28	5 7	13 30	0 14	20 22	0 45	10 49	1 39	22 6	0 21	3 9	2 20	7 55	0 30	14 21	1 50	6 26	10 2	5 26	5 58	0 35			n.a.
W 4	14 12	18 38	5 3	14 24	0 24	20 41	0 48	10 33	1 39	22 5	0 21	3 7	2 20	7 56	0 30	14 20	1 50	6 26	10 2	5 29	5 59	0 36			n.a.
T 5	14 30	18 41	4 42	15 17	0 34	21 0	0 50	10 16	1 39	22 5	0 21	3 4	2 20	7 57	0 30	14 20	1 50	6 27	10 2	5 31	6 1	0 38			n.a.
F 6	14 49	17 43	4 7	16 8	0 44	21 18	0 52	10 0	1 40	22 4	0 21	3 2	2 21	7 59	0 30	14 19	1 50	6 27	10 2	5 33	6 2	0 40			n.a.
S 7	15 7	15 53	3 21	16 58	0 54	21 36	0 55	9 43	1 40	22 4	0 21	2 59	2 21	8 0	0 30	14 19	1 50	6 28	10 2	5 33	6 3	0 42			n.a.
S 8	15 25	13 21	2 26	17 46	1 3	21 53	0 57	9 27	1 40	22 3	0 21	2 57	2 21	8 1	0 30	14 18	1 50	6 28	10 2	5 33	6 4	0 44			n.a.
M 9	15 43	10 18	1 26	18 31	1 12	22 9	0 59	9 10	1 41	22 2	0 20	2 55	2 21	8 2	0 30	14 18	1 50	6 29	10 2	5 33	6 6	0 46			n.a.
T 10	16 1	6 52	0 23	19 15	1 20	22 25	1 1	8 54	1 41	22 1	0 20	2 52	2 21	8 4	0 30	14 17	1 50	6 29	10 2	5 32	6 7	0 48			n.a.
W11	16 18	3 11	0n40	19 57	1 27	22 40	1 4	8 37	1 41	22 1	0 20	2 50	2 22	8 5	0 30	14 17	1 50	6 29	10 2	5 33	6 8	0 50			n.a.
T 12	16 35	0s37	1 42	20 35	1 34	22 55	1 6	8 20	1 42	22 0	0 20	2 48	2 22	8 6	0 30	14 16	1 50	6 30	10 2	5 33	6 9	0 52			n.a.
F 13	16 52	4 25	2 39	21 12	1 40	23 9	1 8	8 4	1 42	21 59	0 20	2 45	2 22	8 7	0 30	14 16	1 50	6 30	10 2	5 35	6 11	0 54			n.a.
S 14	17 8	8 3	3 29	21 46	1 46	23 22	1 10	7 47	1 42	21 58	0 20	2 43	2 22	8 8	0 30	14 15	1 50	6 31	10 2	5 38	6 12	0 56			n.a.
S 15	17 25	11 25	4 11	22 17	1 51	23 35	1 12	7 30	1 43	21 58	0 20	2 41	2 22	8 10	0 30	14 15	1 50	6 31	10 2	5 41	6 13	0 57			n.a.
M16	17 41	14 20	4 41	22 46	1 55	23 47	1 14	7 13	1 43	21 57	0 20	2 39	2 22	8 11	0 30	14 14	1 50	6 32	10 2	5 45	6 14	0 59			n.a.
T 17	17 56	16 39	4 59	23 12	1 58	23 58	1 16	6 56	1 43	21 56	0 19	2 36	2 23	8 12	0 30	14 14	1 50	6 32	10 2	5 50	6 16	1 1			n.a.
W18	18 12	18 12	5 3	23 36	2 1	24 8	1 18	6 40	1 44	21 55	0 19	2 34	2 23	8 13	0 30	14 13	1 50	6 32	10 2	5 54	6 17	1 3			n.a.
T 19	18 27	18 52	4 51	23 57	2 3	24 18	1 19	6 23	1 44	21 54	0 19	2 32	2 23	8 14	0 30	14 13	1 50	6 33	10 2	5 58	6 18	1 5			n.a.
F 20	18 42	18 34	4 25	24 16	2 4	24 28	1 21	6 6	1 44	21 53	0 19	2 30	2 23	8 16	0 30	14 12	1 49	6 33	10 2	6 1	6 19	1 7			n.a.
S 21	18 56	17 15	3 44	24 32	2 5	24 36	1 23	5 49	1 44	21 52	0 19	2 28	2 23	8 17	0 30	14 12	1 49	6 34	10 2	6 3	6 20	1 9			n.a.
S 22	19 11	14 58	2 49	24 46	2 5	24 44	1 25	5 32	1 45	21 51	0 19	2 26	2 24	8 18	0 30	14 11	1 49	6 34	10 2	6 4	6 22	1 11			n.a.
M23	19 24	11 48	1 45	24 57	2 4	24 51	1 26	5 15	1 45	21 50	0 19	2 24	2 24	8 19	0 30	14 11	1 49	6 34	10 2	6 4	6 23	1 13			n.a.
T 24	19 38	7 55	0 33	25 7	2 3	24 57	1 28	4 58	1 45	21 49	0 19	2 22	2 24	8 20	0 30	14 11	1 49	6 35	10 2	6 4	6 24	1 15			n.a.
W25	19 51	3 31	0s43	25 14	2 1	25 3	1 29	4 41	1 45	21 48	0 18	2 20	2 24	8 21	0 30	14 10	1 49	6 35	10 2	6 4	6 25	1 17			n.a.
T 26	20 4	1n10	1 57	25 19	1 58	25 8	1 31	4 24	1 45	21 47	0 18	2 18	2 25	8 22	0 30	14 10	1 49	6 36	10 2	6 5	6 27	1 18			n.a.
F 27	20 17	5 50	3 4	25 22	1 55	25 12	1 32	4 7	1 46	21 46	0 18	2 16	2 25	8 23	0 30	14 9	1 49	6 36	10 2	6 6	6 28	1 20			n.a.
S 28	20 29	10 11	3 59	25 24	1 50	25 15	1 33	3 50	1 46	21 45	0 18	2 14	2 25	8 25	0 30	14 9	1 49	6 36	10 2	6 9	6 29	1 22			n.a.
S 29	20 41	13 53	4 38	25 23	1 46	25 18	1 35	3 34	1 46	21 44	0 18	2 13	2 25	8 26	0 30	14 8	1 49	6 37	10 2	6 12	6 30	1 24			n.a.
M30	20 53	16 41	4 58	25 21	1 41	25 20	1 36	3 17	1 46	21 43	0 18	2 11	2 25	8 27	0 30	14 8	1 49	6 37	10 2	6 16	6 32	1 26			n.a.
T 31	21n 4	18n24	5s 0	25n17	1n35	25n21	1n37	3s 0	1s46	21s42	0n18	2s 9	2s26	8n28	0s30	14s 7	1n49	6n37	10s 2	6n21	6n33	1s28			n.a.

Julian Day Number = 1601010.5, Delta T = 03h59m10s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'25, Lahiri = - 8°30'24 Julian Calendar 1 May 330 BCE == Greg. Calendar 26 Apr. 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

JUNE 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 17 1	4♊13'02	4♋23	28♊50	1♋46	27♓17	8°R23	0♈16	22♈43	12°R44	13♉56	13°R53	13♍29	8♎46	n.a.	W 1
T 2	16 20 58	5°10'09	17°56	0♋ 9	2°58	27°59	8♐15	0°20	22°46	12♏43	13°57	13♍45	13°26	8°53	n.a.	T 2
F 3	16 24 55	6° 7'17	1♌ 2	1°26	4°11	28°41	8° 8	0°25	22°49	12°41	13°58	13°39	13°23	9° 0	n.a.	F 3
S 4	16 28 51	7° 4'24	13°44	2°40	5°23	29°23	8° 0	0°30	22°51	12°40	14° 0	13°35	13°20	9° 6	n.a.	S 4
S 5	16 32 48	8° 1'30	26° 5	3°51	6°35	0♈ 5	7°52	0°34	22°54	12°38	14° 1	13°33	13°17	9°13	n.a.	S 5
M 6	16 36 44	8°58'37	8♍10	5° 0	7°48	0°47	7°44	0°38	22°57	12°37	14° 2	13°33	13°14	9°20	n.a.	M 6
T 7	16 40 41	9°55'44	20° 4	6° 5	9° 0	1°28	7°37	0°43	22°59	12°35	14° 3	13°33	13°10	9°26	n.a.	T 7
W 8	16 44 37	10°52'50	1♎53	7° 8	10°12	2°10	7°29	0°47	23° 2	12°34	14° 5	13°32	13° 7	9°33	n.a.	W 8
T 9	16 48 34	11°49'57	13°42	8° 8	11°24	2°51	7°21	0°51	23° 4	12°33	14° 6	13°29	13° 4	9°40	n.a.	T 9
F 10	16 52 31	12°47'04	25°36	9° 5	12°36	3°33	7°14	0°55	23° 7	12°31	14° 7	13°24	13° 1	9°46	n.a.	F 10
S 11	16 56 27	13°44'11	7♏38	9°58	13°49	4°14	7° 6	0°59	23° 9	12°30	14° 8	13°17	12°58	9°53	n.a.	S 11
S 12	17 0 24	14°41'18	19°52	10°48	15° 1	4°55	6°59	1° 3	23°12	12°29	14°10	13° 7	12°54	10° 0	n.a.	S 12
M13	17 4 20	15°38'26	2♐19	11°35	16°13	5°36	6°51	1° 7	23°14	12°27	14°11	12°55	12°51	10° 6	n.a.	M13
T 14	17 8 17	16°35'33	15° 0	12°18	17°25	6°17	6°44	1°11	23°17	12°26	14°12	12°42	12°48	10°13	n.a.	T 14
W15	17 12 13	17°32'42	27°56	12°58	18°37	6°58	6°36	1°14	23°19	12°25	14°13	12°29	12°45	10°20	n.a.	W15
T 16	17 16 10	18°29'51	11♑ 4	13°33	19°48	7°38	6°29	1°18	23°21	12°24	14°14	12°18	12°42	10°26	n.a.	T 16
F 17	17 20 6	19°27'01	24°25	14° 5	21° 0	8°19	6°21	1°21	23°24	12°22	14°16	12° 9	12°39	10°33	n.a.	F 17
S 18	17 24 3	20°24'11	7♒56	14°32	22°12	8°59	6°14	1°25	23°26	12°21	14°17	12° 3	12°35	10°40	n.a.	S 18
S 19	17 28 0	21°21'22	21°36	14°56	23°24	9°40	6° 7	1°28	23°28	12°20	14°18	12° 0	12°32	10°46	n.a.	S 19
M20	17 31 56	22°18'34	5♓25	15°14	24°36	10°20	6° 0	1°31	23°30	12°19	14°19	11°59	12°29	10°53	n.a.	M20
T 21	17 35 53	23°15'47	19°23	15°28	25°47	11° 0	5°53	1°34	23°32	12°18	14°20	11°59	12°26	11° 0	n.a.	T 21
W22	17 39 49	24°13'01	3♈30	15°37	26°59	11°40	5°46	1°37	23°34	12°17	14°21	11°59	12°23	11° 6	n.a.	W22
T 23	17 43 46	25°10'16	17°44	15°R42	28°11	12°20	5°39	1°40	23°36	12°16	14°22	11°57	12°19	11°13	n.a.	T 23
F 24	17 47 42	26° 7'32	2♉ 3	15°41	29°22	13° 0	5°32	1°43	23°38	12°15	14°23	11°53	12°16	11°20	n.a.	F 24
S 25	17 51 39	27° 4'49	16°26	15°36	0♌34	13°39	5°25	1°46	23°40	12°14	14°25	11°47	12°13	11°26	n.a.	S 25
S 26	17 55 35	28° 2'07	0♊46	15°25	1°46	14°19	5°19	1°48	23°42	12°13	14°26	11°38	12°10	11°33	n.a.	S 26
M27	17 59 32	28°59'27	14°59	15° 9	2°57	14°58	5°12	1°51	23°44	12°12	14°27	11°28	12° 7	11°40	n.a.	M27
T 28	18 3 29	29°56'47	28°59	14°49	4° 9	15°38	5° 6	1°53	23°46	12°11	14°28	11°17	12° 4	11°46	n.a.	T 28
W29	18 7 25	0♋54'08	12♋41	14°24	5°20	16°17	5° 0	1°56	23°48	12°10	14°29	11° 6	12° 0	11°53	n.a.	W29
T 30	18 11 22	1♋51'30	26♋ 3	13♋54	6♌31	16♈56	4♐53	1♈58	23♈50	12♏ 9	14♉30	10♍58	11♍57	12♎ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n15	18n57	4s43	25n12	1n28	25n21	1n38	2s43	1s46	21s41	0n17	2s 7	2s26	8n29	0s30	14s 7	1n49	6n38	10s 2	6n25	6n34	1s30		n.a.
T 2	21 25	18 23	4 10	25 5	1 21	25 21	1 39	2 26	1 46	21 40	0 17	2 6	2 26	8 30	0 30	14 7	1 49	6 38	10 2	6 28	6 35	1 32		n.a.
F 3	21 36	16 50	3 25	24 57	1 14	25 20	1 40	2 9	1 47	21 39	0 17	2 4	2 26	8 31	0 30	14 6	1 49	6 38	10 2	6 31	6 37	1 34		n.a.
S 4	21 45	14 30	2 31	24 48	1 6	25 18	1 41	1 52	1 47	21 38	0 17	2 2	2 27	8 32	0 30	14 6	1 49	6 39	10 2	6 32	6 38	1 36		n.a.
S 5	21 55	11 33	1 31	24 38	0 57	25 15	1 42	1 36	1 47	21 37	0 17	2 1	2 27	8 33	0 30	14 5	1 49	6 39	10 2	6 33	6 39	1 38		n.a.
M 6	22 4	8 10	0 29	24 26	0 48	25 12	1 42	1 19	1 47	21 36	0 17	1 59	2 27	8 34	0 30	14 5	1 49	6 39	10 2	6 33	6 40	1 40		n.a.
T 7	22 13	4 30	0n35	24 14	0 38	25 8	1 43	1 2	1 47	21 35	0 16	1 58	2 27	8 35	0 30	14 5	1 49	6 40	10 2	6 33	6 41	1 41		n.a.
W 8	22 21	0 42	1 36	24 0	0 28	25 3	1 43	0 46	1 47	21 33	0 16	1 56	2 28	8 36	0 30	14 4	1 49	6 40	10 2	6 33	6 43	1 43		n.a.
T 9	22 29	3s 8	2 33	23 46	0 17	24 58	1 44	0 29	1 47	21 32	0 16	1 55	2 28	8 37	0 30	14 4	1 49	6 40	10 2	6 34	6 44	1 45		n.a.
F 10	22 37	6 52	3 23	23 31	0 6	24 52	1 44	0 13	1 47	21 31	0 16	1 53	2 28	8 38	0 30	14 3	1 49	6 41	10 2	6 36	6 45	1 47		n.a.
S 11	22 44	10 22	4 5	23 16	0s 5	24 45	1 45	0n 4	1 47	21 30	0 16	1 52	2 28	8 39	0 30	14 3	1 49	6 41	10 3	6 39	6 46	1 49		n.a.
S 12	22 50	13 29	4 36	23 0	0 17	24 37	1 45	0 20	1 47	21 29	0 16	1 51	2 29	8 40	0 30	14 3	1 49	6 41	10 3	6 43	6 48	1 51		n.a.
M13	22 57	16 3	4 55	22 44	0 29	24 28	1 45	0 37	1 47	21 28	0 16	1 49	2 29	8 40	0 30	14 2	1 49	6 42	10 3	6 48	6 49	1 53		n.a.
T 14	23 3	17 54	5 0	22 27	0 42	24 19	1 45	0 53	1 47	21 27	0 15	1 48	2 29	8 41	0 30	14 2	1 49	6 42	10 3	6 53	6 50	1 55		n.a.
W15	23 8	18 53	4 50	22 11	0 55	24 10	1 45	1 10	1 47	21 26	0 15	1 47	2 29	8 42	0 30	14 2	1 49	6 42	10 3	6 57	6 51	1 57		n.a.
T 16	23 14	18 53	4 24	21 54	1 8	23 59	1 45	1 26	1 47	21 25	0 15	1 46	2 30	8 43	0 30	14 1	1 49	6 42	10 3	7 2	6 53	1 59		n.a.
F 17	23 18	17 50	3 43	21 37	1 22	23 48	1 45	1 42	1 47	21 23	0 15	1 45	2 30	8 44	0 30	14 1	1 49	6 43	10 3	7 5	6 54	2 1		n.a.
S 18	23 23	15 47	2 50	21 20	1 36	23 36	1 45	1 58	1 47	21 22	0 15	1 43	2 30	8 45	0 30	14 1	1 49	6 43	10 3	7 7	6 55	2 3		n.a.
S 19	23 27	12 49	1 46	21 4	1 50	23 24	1 45	2 14	1 47	21 21	0 15	1 42	2 31	8 45	0 30	14 0	1 49	6 43	10 3	7 9	6 56	2 4		n.a.
M20	23 30	9 6	0 35	20 48	2 4	23 10	1 44	2 30	1 47	21 20	0 14	1 41	2 31	8 46	0 30	14 0	1 49	6 43	10 3	7 9	6 57	2 6		n.a.
T 21	23 34	4 51	0s39	20 32	2 18	22 57	1 44	2 46	1 47	21 19	0 14	1 40	2 31	8 47	0 30	14 0	1 48	6 44	10 3	7 9	6 59	2 8		n.a.
W22	23 36	0 18	1 51	20 17	2 32	22 42	1 43	3 2	1 47	21 18	0 14	1 39	2 31	8 48	0 30	13 59	1 48	6 44	10 3	7 9	7 0	2 10		n.a.
T 23	23 39	4n19	2 57	20 3	2 46	22 27	1 43	3 18	1 47	21 17	0 14	1 39	2 32	8 49	0 30	13 59	1 48	6 44	10 4	7 10	7 1	2 12		n.a.
F 24	23 40	8 42	3 53	19 49	3 0	22 11	1 42	3 34	1 47	21 16	0 14	1 38	2 32	8 49	0 30	13 59	1 48	6 44	10 4	7 11	7 2	2 14		n.a.
S 25	23 42	12 35	4 33	19 36	3 13	21 55	1 41	3 49	1 46	21 15	0 14	1 37	2 32	8 50	0 30	13 59	1 48	6 44	10 4	7 14	7 4	2 16		n.a.
S 26	23 43	15 43	4 57	19 25	3 26	21 38	1 40	4 5	1 46	21 14	0 13	1 36	2 32	8 51	0 30	13 58	1 48	6 45	10 4	7 17	7 5	2 18		n.a.
M27	23 44	17 53	5 1	19 14	3 39	21 21	1 39	4 20	1 46	21 13	0 13	1 35	2 33	8 51	0 30	13 58	1 48	6 45	10 4	7 21	7 6	2 20		n.a.
T 28	23 44	18 56	4 48	19 5	3 51	21 3	1 38	4 36	1 46	21 12	0 13	1 35	2 33	8 52	0 30	13 58	1 48	6 45	10 4	7 25	7 7	2 22		n.a.
W29	23 44	18 50	4 18	18 56	4 2	20 44	1 37	4 51	1 46	21 11	0 13	1 34	2 33	8 53	0 30	13 58	1 48	6 45	10 4	7 29	7 8	2 24		n.a.
T 30	23n43	17n41	3s34	18n50	4s12	20n25	1n36	5n 6	1s46	21s10	0n13	1s33	2s34	8n53	0s30	13s57	1n48	6n45	10s 4	7n33	7n10	2s26		n.a.

Julian Day Number = 1601041.5, Delta T = 03h59m09s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'21, Lahiri = - 8°30'20 Julian Calendar 1 June 330 BCE == Greg. Calendar 27 May 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

JULY 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 15 18	2♋48'53	9♌ 3	13°R20	7♌43	17♈34	4°R47	2♈ 0	23♈51	12°R 8	14♉31	10°R51	11♍54	12♎ 6	n.a.	F 1
S 2	18 19 15	3°46'17	21°42	12♋42	8°54	18°13	4♐42	2° 2	23°53	12♏ 7	14°32	10♍47	11°51	12°13	n.a.	S 2
S 3	18 23 11	4°43'42	4♍ 2	12° 1	10° 5	18°52	4°36	2° 4	23°55	12° 6	14°33	10°46	11°48	12°20	n.a.	S 3
M 4	18 27 8	5°41'07	16° 7	11°18	11°16	19°30	4°30	2° 6	23°56	12° 5	14°34	10°D46	11°45	12°26	n.a.	M 4
T 5	18 31 4	6°38'33	28° 2	10°32	12°27	20° 8	4°25	2° 7	23°58	12° 5	14°34	10°46	11°41	12°33	n.a.	T 5
W 6	18 35 1	7°36'00	9♎52	9°45	13°39	20°46	4°19	2° 9	23°59	12° 4	14°35	10°R46	11°38	12°40	n.a.	W 6
T 7	18 38 58	8°33'28	21°42	8°58	14°50	21°24	4°14	2°10	24° 1	12° 3	14°36	10°45	11°35	12°46	n.a.	T 7
F 8	18 42 54	9°30'57	3♏38	8°12	16° 1	22° 2	4° 9	2°12	24° 2	12° 2	14°37	10°42	11°32	12°53	n.a.	F 8
S 9	18 46 51	10°28'27	15°44	7°27	17°11	22°39	4° 4	2°13	24° 3	12° 2	14°38	10°37	11°29	13° 0	n.a.	S 9
S 10	18 50 47	11°25'58	28° 4	6°44	18°22	23°17	3°59	2°14	24° 5	12° 1	14°39	10°30	11°25	13° 6	n.a.	S 10
M11	18 54 44	12°23'30	10♐41	6° 4	19°33	23°54	3°55	2°15	24° 6	12° 0	14°40	10°21	11°22	13°13	n.a.	M11
T 12	18 58 40	13°21'04	23°36	5°29	20°44	24°31	3°50	2°16	24° 7	12° 0	14°41	10°11	11°19	13°20	n.a.	T 12
W13	19 2 37	14°18'38	6♑50	4°58	21°54	25° 8	3°46	2°17	24° 8	11°59	14°41	10° 2	11°16	13°26	n.a.	W13
T 14	19 6 34	15°16'14	20°20	4°32	23° 5	25°45	3°42	2°18	24°10	11°59	14°42	9°53	11°13	13°33	n.a.	T 14
F 15	19 10 30	16°13'51	4♒ 4	4°12	24°16	26°22	3°38	2°19	24°11	11°58	14°43	9°47	11°10	13°40	n.a.	F 15
S 16	19 14 27	17°11'30	17°59	3°59	25°26	26°58	3°34	2°19	24°12	11°58	14°44	9°43	11° 6	13°46	n.a.	S 16
S 17	19 18 23	18° 9'10	2♓ 2	3°D53	26°36	27°34	3°31	2°20	24°13	11°57	14°44	9°41	11° 3	13°53	n.a.	S 17
M18	19 22 20	19° 6'52	16°10	3°54	27°47	28°10	3°27	2°20	24°14	11°57	14°45	9°D41	11° 0	14° 0	n.a.	M18
T 19	19 26 16	20° 4'36	0♈20	4° 2	28°57	28°46	3°24	2°20	24°14	11°57	14°46	9°42	10°57	14° 6	n.a.	T 19
W20	19 30 13	21° 2'21	14°31	4°18	0♍ 7	29°22	3°21	2°20	24°15	11°56	14°46	9°R43	10°54	14°13	n.a.	W20
T 21	19 34 9	22° 0'09	28°40	4°42	1°17	29°57	3°18	2°R20	24°16	11°56	14°47	9°43	10°51	14°20	n.a.	T 21
F 22	19 38 6	22°57'58	12♉47	5°13	2°27	0♉33	3°16	2°20	24°17	11°56	14°48	9°41	10°47	14°26	n.a.	F 22
S 23	19 42 2	23°55'49	26°49	5°51	3°37	1° 8	3°13	2°20	24°17	11°56	14°48	9°37	10°44	14°33	n.a.	S 23
S 24	19 45 59	24°53'42	10♊45	6°37	4°47	1°43	3°11	2°20	24°18	11°55	14°49	9°32	10°41	14°40	n.a.	S 24
M25	19 49 56	25°51'37	24°31	7°30	5°57	2°18	3° 9	2°19	24°19	11°55	14°49	9°25	10°38	14°46	n.a.	M25
T 26	19 53 52	26°49'34	8♋ 5	8°30	7° 7	2°52	3° 7	2°19	24°19	11°55	14°50	9°18	10°35	14°53	n.a.	T 26
W27	19 57 49	27°47'33	21°25	9°37	8°17	3°26	3° 5	2°18	24°20	11°55	14°50	9°11	10°31	15° 0	n.a.	W27
T 28	20 1 45	28°45'33	4♌29	10°50	9°26	4° 0	3° 3	2°17	24°20	11°55	14°51	9° 6	10°28	15° 6	n.a.	T 28
F 29	20 5 42	29°43'35	17°15	12° 9	10°36	4°34	3° 2	2°17	24°21	11°55	14°51	9° 2	10°25	15°13	n.a.	F 29
S 30	20 9 38	0♌41'38	29°45	13°33	11°45	5° 8	3° 1	2°16	24°21	11°D55	14°52	9° 0	10°22	15°20	n.a.	S 30
S 31	20 13 35	1♌39'44	12♍ 0	15♋ 3	12♍55	5♉41	3♐ 0	2♈14	24♈21	11♏55	14♉52	8°D59	10♍19	15♎26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n42	15n38	2s40	18n44	4s21	20n 5	1n34	5n21	1s46	21s 9	0n12	1s33	2s34	8n54	0s30	13s57	1n48	6n46	10s 4	7n35	7n11	2s27		n.a.
S 2	23 41	12 52	1 40	18 40	4 28	19 45	1 33	5 36	1 45	21 8	0 12	1 32	2 34	8 55	0 30	13 57	1 48	6 46	10 5	7 37	7 12	2 29		n.a.
S 3	23 39	9 36	0 36	18 38	4 34	19 24	1 32	5 51	1 45	21 7	0 12	1 32	2 35	8 55	0 30	13 57	1 48	6 46	10 5	7 37	7 13	2 31		n.a.
M 4	23 37	5 59	0n29	18 37	4 39	19 3	1 30	6 6	1 45	21 6	0 12	1 31	2 35	8 56	0 30	13 56	1 48	6 46	10 5	7 37	7 15	2 33		n.a.
T 5	23 34	2 11	1 31	18 38	4 42	18 41	1 28	6 21	1 45	21 5	0 12	1 31	2 35	8 56	0 30	13 56	1 48	6 46	10 5	7 37	7 16	2 35		n.a.
W 6	23 31	1s40	2 29	18 40	4 43	18 19	1 27	6 36	1 44	21 5	0 12	1 30	2 35	8 57	0 30	13 56	1 48	6 46	10 5	7 37	7 17	2 37		n.a.
T 7	23 27	5 28	3 21	18 44	4 42	17 56	1 25	6 50	1 44	21 4	0 11	1 30	2 36	8 57	0 30	13 56	1 48	6 46	10 5	7 37	7 18	2 39		n.a.
F 8	23 23	9 3	4 4	18 49	4 40	17 33	1 23	7 5	1 44	21 3	0 11	1 30	2 36	8 58	0 30	13 56	1 48	6 46	10 5	7 38	7 20	2 41		n.a.
S 9	23 19	12 20	4 37	18 56	4 36	17 9	1 21	7 19	1 44	21 2	0 11	1 30	2 36	8 58	0 30	13 56	1 48	6 47	10 5	7 40	7 21	2 43		n.a.
S 10	23 14	15 8	4 58	19 4	4 30	16 45	1 19	7 33	1 43	21 2	0 11	1 29	2 37	8 59	0 30	13 56	1 47	6 47	10 6	7 43	7 22	2 45		n.a.
M11	23 9	17 17	5 5	19 14	4 22	16 21	1 17	7 47	1 43	21 1	0 11	1 29	2 37	8 59	0 30	13 55	1 47	6 47	10 6	7 47	7 23	2 47		n.a.
T 12	23 3	18 38	4 57	19 25	4 13	15 56	1 14	8 1	1 43	21 0	0 11	1 29	2 37	9 0	0 30	13 55	1 47	6 47	10 6	7 50	7 24	2 49		n.a.
W13	22 57	19 1	4 33	19 37	4 2	15 31	1 12	8 15	1 42	21 0	0 10	1 29	2 37	9 0	0 30	13 55	1 47	6 47	10 6	7 54	7 26	2 51		n.a.
T 14	22 51	18 20	3 53	19 50	3 50	15 5	1 10	8 29	1 42	20 59	0 10	1 29	2 38	9 1	0 30	13 55	1 47	6 47	10 6	7 57	7 27	2 52		n.a.
F 15	22 44	16 34	2 59	20 3	3 37	14 39	1 7	8 43	1 42	20 58	0 10	1 29	2 38	9 1	0 31	13 55	1 47	6 47	10 6	8 0	7 28	2 54		n.a.
S 16	22 37	13 49	1 54	20 18	3 22	14 13	1 4	8 56	1 41	20 58	0 10	1 29	2 38	9 1	0 31	13 55	1 47	6 47	10 6	8 1	7 29	2 56		n.a.
S 17	22 29	10 14	0 41	20 33	3 7	13 46	1 2	9 10	1 41	20 57	0 10	1 29	2 39	9 2	0 31	13 55	1 47	6 47	10 7	8 2	7 31	2 58		n.a.
M18	22 21	6 3	0s35	20 49	2 51	13 19	0 59	9 23	1 41	20 57	0 10	1 29	2 39	9 2	0 31	13 55	1 47	6 47	10 7	8 2	7 32	3 0		n.a.
T 19	22 13	1 32	1 49	21 5	2 35	12 51	0 56	9 36	1 40	20 56	0 9	1 29	2 39	9 2	0 31	13 55	1 47	6 47	10 7	8 2	7 33	3 2		n.a.
W20	22 4	3n 5	2 57	21 21	2 18	12 24	0 53	9 50	1 40	20 56	0 9	1 30	2 40	9 3	0 31	13 55	1 47	6 47	10 7	8 1	7 34	3 4		n.a.
T 21	21 55	7 30	3 53	21 37	2 2	11 56	0 50	10 3	1 40	20 56	0 9	1 30	2 40	9 3	0 31	13 55	1 47	6 47	10 7	8 1	7 35	3 6		n.a.
F 22	21 45	11 29	4 36	21 53	1 45	11 28	0 47	10 15	1 39	20 55	0 9	1 30	2 40	9 3	0 31	13 55	1 47	6 47	10 7	8 2	7 37	3 8		n.a.
S 23	21 35	14 48	5 1	22 8	1 28	10 59	0 44	10 28	1 39	20 55	0 9	1 31	2 40	9 3	0 31	13 55	1 47	6 47	10 8	8 3	7 38	3 10		n.a.
S 24	21 25	17 14	5 9	22 23	1 11	10 30	0 41	10 41	1 38	20 55	0 9	1 31	2 41	9 4	0 31	13 55	1 47	6 47	10 8	8 5	7 39	3 12		n.a.
M25	21 14	18 39	4 58	22 36	0 55	10 1	0 38	10 53	1 38	20 54	0 8	1 31	2 41	9 4	0 31	13 55	1 47	6 47	10 8	8 8	7 40	3 14		n.a.
T 26	21 3	18 58	4 31	22 48	0 39	9 32	0 34	11 6	1 37	20 54	0 8	1 32	2 41	9 4	0 31	13 55	1 46	6 47	10 8	8 11	7 41	3 16		n.a.
W27	20 51	18 14	3 49	22 59	0 24	9 3	0 31	11 18	1 37	20 54	0 8	1 32	2 42	9 4	0 31	13 55	1 46	6 47	10 8	8 13	7 43	3 17		n.a.
T 28	20 40	16 31	2 56	23 8	0 9	8 33	0 27	11 30	1 36	20 54	0 8	1 33	2 42	9 4	0 31	13 55	1 46	6 47	10 8	8 15	7 44	3 19		n.a.
F 29	20 27	14 1	1 56	23 15	0n 5	8 3	0 24	11 42	1 36	20 54	0 8	1 33	2 42	9 4	0 31	13 55	1 46	6 47	10 9	8 17	7 45	3 21		n.a.
S 30	20 15	10 55	0 50	23 20	0 18	7 33	0 20	11 54	1 35	20 54	0 8	1 34	2 42	9 4	0 31	13 55	1 46	6 47	10 9	8 18	7 46	3 23		n.a.
S 31	20n 2	7n24	0n16	23n22	0n30	7n 3	0n17	12n 6	1s35	20s54	0n 7	1s35	2s43	9n 5	0s31	13s55	1n46	6n47	10s 9	8n18	7n48	3s25		n.a.

Julian Day Number = 1601071.5, Delta T = 03h59m08s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'17, Lahiri = - 8°30'16 Julian Calendar 1 July 330 BCE == Greg. Calendar 26 June 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

AUGUST 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 17 31	2♌37'50	24♍ 2	16♋37	14♍ 4	6♉14	2°R59	2°R13	24♈21	11♏55	14♉53	9♍ 0	10♍16	15♎33	n.a.	M 1
T 2	20 21 28	3°35'58	5♎56	18°15	15°13	6°47	2♐58	2♈12	24°22	11°55	14°53	9° 2	10°12	15°40	n.a.	T 2
W 3	20 25 25	4°34'08	17°46	19°57	16°22	7°20	2°58	2°11	24°22	11°55	14°54	9° 3	10° 9	15°46	n.a.	W 3
T 4	20 29 21	5°32'20	29°36	21°41	17°31	7°52	2°57	2° 9	24°22	11°55	14°54	9° 4	10° 6	15°53	n.a.	T 4
F 5	20 33 18	6°30'33	11♏32	23°29	18°40	8°25	2°D57	2° 8	24°R22	11°55	14°54	9°R 5	10° 3	16° 0	n.a.	F 5
S 6	20 37 14	7°28'48	23°39	25°19	19°49	8°57	2°58	2° 6	24°22	11°56	14°55	9° 3	10° 0	16° 6	n.a.	S 6
S 7	20 41 11	8°27'04	6♐ 0	27°10	20°58	9°28	2°58	2° 4	24°22	11°56	14°55	9° 1	9°57	16°13	n.a.	S 7
M 8	20 45 7	9°25'22	18°41	29° 3	22° 6	10° 0	2°58	2° 2	24°22	11°56	14°55	8°57	9°53	16°20	n.a.	M 8
T 9	20 49 4	10°23'42	1♑42	0♌56	23°15	10°31	2°59	2° 0	24°21	11°56	14°55	8°53	9°50	16°26	n.a.	T 9
W10	20 53 0	11°22'04	15° 7	2°51	24°23	11° 2	3° 0	1°58	24°21	11°57	14°56	8°48	9°47	16°33	n.a.	W10
T 11	20 56 57	12°20'27	28°53	4°45	25°32	11°32	3° 1	1°56	24°21	11°57	14°56	8°44	9°44	16°40	n.a.	T 11
F 12	21 0 54	13°18'53	12♒58	6°40	26°40	12° 3	3° 2	1°54	24°21	11°58	14°56	8°42	9°41	16°46	n.a.	F 12
S 13	21 4 50	14°17'20	27°18	8°35	27°48	12°33	3° 4	1°51	24°20	11°58	14°56	8°40	9°37	16°53	n.a.	S 13
S 14	21 8 47	15°15'49	11♓47	10°29	28°56	13° 2	3° 6	1°49	24°20	11°59	14°56	8°D40	9°34	17° 0	n.a.	S 14
M15	21 12 43	16°14'20	26°21	12°23	0♎ 3	13°32	3° 7	1°46	24°19	11°59	14°57	8°40	9°31	17° 6	n.a.	M15
T 16	21 16 40	17°12'54	10♈53	14°17	1°11	14° 1	3° 9	1°44	24°19	12° 0	14°57	8°42	9°28	17°13	n.a.	T 16
W17	21 20 36	18°11'30	25°19	16° 9	2°19	14°30	3°12	1°41	24°18	12° 0	14°57	8°43	9°25	17°20	n.a.	W17
T 18	21 24 33	19°10'08	9♉36	18° 1	3°26	14°58	3°14	1°38	24°18	12° 1	14°57	8°44	9°22	17°26	n.a.	T 18
F 19	21 28 29	20° 8'49	23°41	19°52	4°33	15°26	3°17	1°35	24°17	12° 1	14°57	8°R44	9°18	17°33	n.a.	F 19
S 20	21 32 26	21° 7'32	7♊32	21°42	5°40	15°54	3°19	1°32	24°16	12° 2	14°57	8°43	9°15	17°40	n.a.	S 20
S 21	21 36 23	22° 6'18	21°10	23°32	6°47	16°22	3°22	1°29	24°15	12° 3	14°R57	8°42	9°12	17°46	n.a.	S 21
M22	21 40 19	23° 5'06	4♋34	25°20	7°54	16°49	3°25	1°26	24°15	12° 4	14°57	8°40	9° 9	17°53	n.a.	M22
T 23	21 44 16	24° 3'56	17°44	27° 7	9° 1	17°16	3°29	1°23	24°14	12° 4	14°57	8°38	9° 6	18° 0	n.a.	T 23
W24	21 48 12	25° 2'48	0♌40	28°54	10° 8	17°42	3°32	1°19	24°13	12° 5	14°57	8°36	9° 3	18° 6	n.a.	W24
T 25	21 52 9	26° 1'43	13°22	0♍39	11°14	18° 8	3°36	1°16	24°12	12° 6	14°57	8°34	8°59	18°13	n.a.	T 25
F 26	21 56 5	27° 0'40	25°51	2°24	12°20	18°34	3°40	1°12	24°11	12° 7	14°57	8°34	8°56	18°20	n.a.	F 26
S 27	22 0 2	27°59'39	8♍ 8	4° 8	13°26	18°59	3°44	1° 9	24°10	12° 8	14°56	8°D33	8°53	18°27	n.a.	S 27
S 28	22 3 58	28°58'39	20°14	5°50	14°32	19°24	3°48	1° 5	24° 9	12° 9	14°56	8°33	8°50	18°33	n.a.	S 28
M29	22 7 55	29°57'42	2♎12	7°32	15°38	19°48	3°52	1° 1	24° 8	12°10	14°56	8°34	8°47	18°40	n.a.	M29
T 30	22 11 51	0♍56'47	14° 4	9°13	16°43	20°12	3°57	0°58	24° 6	12°11	14°56	8°35	8°43	18°47	n.a.	T 30
W31	22 15 48	1♍55'54	25♎53	10♍53	17♎49	20♉36	4♐ 2	0°54	24° 5	12♏12	14♉56	8♍36	8♍40	18♎53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	19n49	3n38	1n21	23n23	0n42	6n32	0n13	12n17	1s34	20s54	0n 7	1s36	2s43	9n 5	0s31	13s55	1n46	6n47	10s 9	8n18	7n49	3s27			n.a.
T 2	19 35	0s13	2 22	23 20	0 52	6 2	0 9	12 29	1 34	20 54	0 7	1 36	2 43	9 5	0 31	13 55	1 46	6 47	10 9	8 17	7 50	3 29			n.a.
W 3	19 21	4 2	3 16	23 15	1 2	5 31	0 5	12 40	1 33	20 54	0 7	1 37	2 44	9 5	0 31	13 55	1 46	6 47	10 9	8 16	7 51	3 31			n.a.
T 4	19 7	7 42	4 2	23 7	1 11	5 0	0 1	12 51	1 32	20 54	0 7	1 38	2 44	9 5	0 31	13 55	1 46	6 47	10 10	8 16	7 52	3 33			n.a.
F 5	18 52	11 4	4 38	22 57	1 19	4 30	0s 3	13 2	1 32	20 54	0 7	1 39	2 44	9 5	0 31	13 55	1 46	6 47	10 10	8 16	7 54	3 35			n.a.
S 6	18 38	14 2	5 2	22 44	1 25	3 58	0 7	13 13	1 31	20 54	0 6	1 40	2 44	9 5	0 31	13 55	1 46	6 47	10 10	8 16	7 55	3 37			n.a.
S 7	18 22	16 26	5 13	22 28	1 31	3 27	0 11	13 24	1 30	20 54	0 6	1 41	2 45	9 5	0 31	13 56	1 46	6 47	10 10	8 17	7 56	3 39			n.a.
M 8	18 7	18 7	5 9	22 10	1 36	2 56	0 15	13 34	1 30	20 55	0 6	1 42	2 45	9 5	0 31	13 56	1 46	6 47	10 10	8 19	7 57	3 41			n.a.
T 9	17 51	18 54	4 49	21 49	1 40	2 25	0 19	13 45	1 29	20 55	0 6	1 43	2 45	9 5	0 31	13 56	1 46	6 47	10 11	8 20	7 58	3 42			n.a.
W10	17 35	18 41	4 13	21 26	1 43	1 54	0 24	13 55	1 28	20 55	0 6	1 44	2 45	9 4	0 31	13 56	1 46	6 47	10 11	8 22	8 0	3 44			n.a.
T 11	17 18	17 21	3 22	21 1	1 46	1 22	0 28	14 5	1 28	20 56	0 6	1 45	2 46	9 4	0 31	13 56	1 45	6 46	10 11	8 23	8 1	3 46			n.a.
F 12	17 2	14 57	2 17	20 34	1 48	0 51	0 32	14 15	1 27	20 56	0 5	1 46	2 46	9 4	0 31	13 56	1 45	6 46	10 11	8 25	8 2	3 48			n.a.
S 13	16 45	11 35	1 2	20 5	1 48	0 20	0 37	14 25	1 26	20 56	0 5	1 47	2 46	9 4	0 31	13 57	1 45	6 46	10 11	8 25	8 3	3 50			n.a.
S 14	16 27	7 29	0s17	19 34	1 49	0s12	0 41	14 35	1 25	20 57	0 5	1 48	2 46	9 4	0 31	13 57	1 45	6 46	10 11	8 25	8 5	3 52			n.a.
M15	16 10	2 56	1 36	19 1	1 48	0 43	0 46	14 45	1 25	20 57	0 5	1 50	2 47	9 4	0 31	13 57	1 45	6 46	10 12	8 25	8 6	3 54			n.a.
T 16	15 52	1n47	2 49	18 27	1 47	1 14	0 50	14 54	1 24	20 58	0 5	1 51	2 47	9 3	0 31	13 57	1 45	6 46	10 12	8 25	8 7	3 56			n.a.
W17	15 34	6 21	3 50	17 52	1 46	1 46	0 55	15 4	1 23	20 59	0 5	1 52	2 47	9 3	0 31	13 58	1 45	6 46	10 12	8 24	8 8	3 58			n.a.
T 18	15 15	10 30	4 36	17 16	1 44	2 17	0 59	15 13	1 22	20 59	0 5	1 54	2 47	9 3	0 31	13 58	1 45	6 46	10 12	8 24	8 9	4 0			n.a.
F 19	14 57	14 0	5 5	16 38	1 41	2 48	1 4	15 22	1 21	21 0	0 4	1 55	2 48	9 3	0 31	13 58	1 45	6 45	10 12	8 24	8 11	4 2			n.a.
S 20	14 38	16 38	5 16	15 59	1 38	3 20	1 8	15 31	1 21	21 0	0 4	1 56	2 48	9 2	0 31	13 58	1 45	6 45	10 13	8 24	8 12	4 4			n.a.
S 21	14 19	18 18	5 9	15 20	1 35	3 51	1 13	15 40	1 20	21 1	0 4	1 58	2 48	9 2	0 31	13 59	1 45	6 45	10 13	8 24	8 13	4 5			n.a.
M22	13 59	18 55	4 44	14 39	1 31	4 22	1 18	15 48	1 19	21 2	0 4	1 59	2 48	9 2	0 31	13 59	1 45	6 45	10 13	8 25	8 14	4 7			n.a.
T 23	13 40	18 29	4 6	13 58	1 27	4 53	1 23	15 57	1 18	21 3	0 4	2 1	2 48	9 1	0 31	13 59	1 45	6 45	10 13	8 26	8 15	4 9			n.a.
W24	13 20	17 5	3 15	13 17	1 22	5 24	1 27	16 5	1 17	21 4	0 4	2 2	2 49	9 1	0 31	13 59	1 45	6 44	10 13	8 27	8 17	4 11			n.a.
T 25	13 0	14 51	2 15	12 35	1 17	5 54	1 32	16 14	1 16	21 4	0 4	2 4	2 49	9 1	0 31	14 0	1 45	6 44	10 13	8 27	8 18	4 13			n.a.
F 26	12 39	11 58	1 10	11 52	1 12	6 25	1 37	16 22	1 15	21 5	0 3	2 6	2 49	9 0	0 31	14 0	1 44	6 44	10 14	8 28	8 19	4 15			n.a.
S 27	12 19	8 35	0 2	11 9	1 7	6 55	1 42	16 30	1 14	21 6	0 3	2 7	2 49	9 0	0 31	14 0	1 44	6 44	10 14	8 28	8 20	4 17			n.a.
S 28	11 58	4 54	1n 4	10 26	1 1	7 26	1 46	16 37	1 13	21 7	0 3	2 9	2 49	9 0	0 31	14 1	1 44	6 44	10 14	8 28	8 21	4 19			n.a.
M29	11 37	1 4	2 8	9 42	0 55	7 56	1 51	16 45	1 12	21 8	0 3	2 11	2 50	8 59	0 31	14 1	1 44	6 43	10 14	8 27	8 23	4 21			n.a.
T 30	11 16	2s47	3 5	8 58	0 49	8 26	1 56	16 52	1 11	21 9	0 3	2 12	2 50	8 59	0 31	14 1	1 44	6 43	10 14	8 27	8 24	4 23			n.a.
W31	10n55	6s29	3n54	8n15	0n43	8s56	2s 1	17n 0	1s10	21s10	0n 3	2s14	2s50	8n58	0s31	14s 2	1n44	6n43	10s14	8n27	8n25	4s25			n.a.

Julian Day Number = 1601102.5, Delta T = 03h59m07s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'12, Lahiri = - 8°30'12 Julian Calendar 1 Aug. 330 BCE == Greg. Calendar 27 July 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

SEPTEMBER 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 19 45	2♍55'03	7♏42	12♍32	18♎54	20♉59	4♐ 7	0°R50	24°R 4	12♏13	14°R55	8♍36	8♍37	19♎ 0	n.a.	T 1
F 2	22 23 41	3°54'14	19°37	14°10	19°59	21°22	4°12	0♈46	24♈ 3	12°14	14♉55	8°37	8°34	19° 7	n.a.	F 2
S 3	22 27 38	4°53'27	1♐41	15°48	21° 4	21°44	4°17	0°42	24° 1	12°15	14°55	8°R37	8°31	19°13	n.a.	S 3
S 4	22 31 34	5°52'42	14° 0	17°24	22° 8	22° 6	4°22	0°37	24° 0	12°16	14°55	8°37	8°28	19°20	n.a.	S 4
M 5	22 35 31	6°51'58	26°37	19° 0	23°13	22°28	4°28	0°33	23°58	12°17	14°54	8°37	8°24	19°27	n.a.	M 5
T 6	22 39 27	7°51'17	9♑37	20°35	24°17	22°49	4°34	0°29	23°57	12°18	14°54	8°37	8°21	19°33	n.a.	T 6
W 7	22 43 24	8°50'37	23° 1	22° 9	25°21	23° 9	4°40	0°25	23°55	12°19	14°54	8°D37	8°18	19°40	n.a.	W 7
T 8	22 47 20	9°50'00	6♒52	23°43	26°24	23°29	4°46	0°20	23°54	12°21	14°53	8°37	8°15	19°47	n.a.	T 8
F 9	22 51 17	10°49'24	21° 7	25°15	27°28	23°48	4°52	0°16	23°52	12°22	14°53	8°37	8°12	19°53	n.a.	F 9
S 10	22 55 14	11°48'50	5♓43	26°47	28°31	24° 7	4°58	0°11	23°51	12°23	14°52	8°R37	8° 8	20° 0	n.a.	S 10
S 11	22 59 10	12°48'18	20°34	28°18	29°33	24°26	5° 5	0° 7	23°49	12°25	14°52	8°37	8° 5	20° 7	n.a.	S 11
M12	23 3 7	13°47'49	5♈33	29°49	0♏36	24°44	5°12	0° 2	23°47	12°26	14°51	8°37	8° 2	20°13	n.a.	M12
T 13	23 7 3	14°47'22	20°32	1♎19	1°38	25° 1	5°19	29♓58	23°45	12°27	14°51	8°36	7°59	20°20	n.a.	T 13
W14	23 11 0	15°46'57	5♉21	2°48	2°40	25°18	5°26	29°53	23°44	12°29	14°50	8°35	7°56	20°27	n.a.	W14
T 15	23 14 56	16°46'34	19°55	4°16	3°42	25°34	5°33	29°49	23°42	12°30	14°50	8°34	7°53	20°33	n.a.	T 15
F 16	23 18 53	17°46'14	4♊ 9	5°43	4°43	25°50	5°40	29°44	23°40	12°32	14°49	8°34	7°49	20°40	n.a.	F 16
S 17	23 22 49	18°45'57	18° 2	7°10	5°44	26° 5	5°47	29°39	23°38	12°33	14°49	8°D34	7°46	20°47	n.a.	S 17
S 18	23 26 46	19°45'41	1♋33	8°36	6°45	26°19	5°55	29°34	23°36	12°35	14°48	8°34	7°43	20°53	n.a.	S 18
M19	23 30 42	20°45'29	14°44	10° 1	7°45	26°33	6° 3	29°30	23°34	12°36	14°48	8°34	7°40	21° 0	n.a.	M19
T 20	23 34 39	21°45'18	27°36	11°26	8°45	26°46	6°11	29°25	23°32	12°38	14°47	8°36	7°37	21° 7	n.a.	T 20
W21	23 38 36	22°45'10	10♌13	12°49	9°45	26°59	6°19	29°20	23°30	12°39	14°46	8°37	7°34	21°14	n.a.	W21
T 22	23 42 32	23°45'04	22°36	14°12	10°44	27°10	6°27	29°15	23°28	12°41	14°46	8°38	7°30	21°20	n.a.	T 22
F 23	23 46 29	24°45'00	4♍49	15°33	11°43	27°22	6°35	29°10	23°26	12°43	14°45	8°R39	7°27	21°27	n.a.	F 23
S 24	23 50 25	25°44'59	16°53	16°54	12°41	27°32	6°44	29° 5	23°24	12°44	14°44	8°38	7°24	21°34	n.a.	S 24
S 25	23 54 22	26°44'59	28°51	18°13	13°39	27°42	6°52	29° 1	23°22	12°46	14°44	8°37	7°21	21°40	n.a.	S 25
M26	23 58 18	27°45'01	10♎44	19°32	14°37	27°51	7° 1	28°56	23°19	12°48	14°43	8°35	7°18	21°47	n.a.	M26
T 27	0 2 15	28°45'06	22°33	20°49	15°34	27°59	7°10	28°51	23°17	12°49	14°42	8°32	7°14	21°54	n.a.	T 27
W28	0 6 11	29°45'12	4♏23	22° 5	16°30	28° 7	7°19	28°46	23°15	12°51	14°41	8°29	7°11	22° 0	n.a.	W28
T 29	0 10 8	0♎45'20	16°13	23°19	17°27	28°14	7°28	28°41	23°13	12°53	14°41	8°25	7° 8	22° 7	n.a.	T 29
F 30	0 14 4	1♎45'30	28♏ 9	24♎31	18♏22	28♉20	7♐37	28♓36	23♈11	12♏55	14♉40	8♍21	7♍ 5	22♎14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n33	9s57	4n33	7n30	0n37	9s25	2s 5	17n 7	1s 9	21s11	0n 3	2s16	2s50	8n58	0s31	14s 2	1n44	6n43	10s15	8n27	8n26	4s27		n.a.
F 2	10 12	13 2	5 1	6 46	0 31	9 55	2 10	17 14	1 8	21 12	0 2	2 17	2 50	8 57	0 31	14 3	1 44	6 42	10 15	8 26	8 27	4 29		n.a.
S 3	9 50	15 36	5 15	6 2	0 24	10 24	2 15	17 21	1 7	21 13	0 2	2 19	2 50	8 57	0 31	14 3	1 44	6 42	10 15	8 26	8 29	4 30		n.a.
S 4	9 28	17 32	5 16	5 18	0 17	10 53	2 20	17 28	1 5	21 15	0 2	2 21	2 51	8 56	0 31	14 3	1 44	6 42	10 15	8 26	8 30	4 32		n.a.
M 5	9 6	18 39	5 2	4 34	0 11	11 21	2 24	17 35	1 4	21 16	0 2	2 23	2 51	8 56	0 31	14 4	1 44	6 42	10 15	8 26	8 31	4 34		n.a.
T 6	8 44	18 51	4 33	3 50	0 4	11 50	2 29	17 41	1 3	21 17	0 2	2 25	2 51	8 55	0 31	14 4	1 44	6 41	10 15	8 26	8 32	4 36		n.a.
W 7	8 21	18 0	3 47	3 6	0s 3	12 18	2 34	17 48	1 2	21 18	0 2	2 27	2 51	8 54	0 31	14 5	1 44	6 41	10 16	8 26	8 33	4 38		n.a.
T 8	7 59	16 5	2 48	2 22	0 10	12 46	2 39	17 54	1 1	21 19	0 2	2 28	2 51	8 54	0 31	14 5	1 44	6 41	10 16	8 26	8 35	4 40		n.a.
F 9	7 36	13 7	1 36	1 39	0 17	13 14	2 43	18 0	0 59	21 21	0 1	2 30	2 51	8 53	0 31	14 6	1 44	6 41	10 16	8 26	8 36	4 42		n.a.
S 10	7 13	9 17	0 16	0 55	0 24	13 41	2 48	18 6	0 58	21 22	0 1	2 32	2 51	8 53	0 31	14 6	1 44	6 40	10 16	8 26	8 37	4 44		n.a.
S 11	6 50	4 47	1s 6	0 12	0 31	14 8	2 52	18 12	0 57	21 23	0 1	2 34	2 51	8 52	0 32	14 6	1 44	6 40	10 16	8 26	8 38	4 46		n.a.
M12	6 27	0n 2	2 24	0s31	0 38	14 35	2 57	18 17	0 55	21 25	0 1	2 36	2 52	8 51	0 32	14 7	1 44	6 40	10 16	8 26	8 39	4 48		n.a.
T 13	6 4	4 50	3 32	1 13	0 45	15 1	3 2	18 23	0 54	21 26	0 1	2 38	2 52	8 51	0 32	14 7	1 43	6 40	10 17	8 27	8 41	4 50		n.a.
W14	5 40	9 18	4 26	1 55	0 52	15 27	3 6	18 28	0 52	21 27	0 1	2 40	2 52	8 50	0 32	14 8	1 43	6 39	10 17	8 27	8 42	4 52		n.a.
T 15	5 17	13 6	5 1	2 37	0 59	15 53	3 10	18 34	0 51	21 29	0 1	2 42	2 52	8 49	0 32	14 8	1 43	6 39	10 17	8 27	8 43	4 54		n.a.
F 16	4 53	16 3	5 16	3 19	1 6	16 18	3 15	18 39	0 50	21 30	0 1	2 44	2 52	8 49	0 32	14 9	1 43	6 39	10 17	8 28	8 44	4 55		n.a.
S 17	4 30	17 59	5 13	4 0	1 13	16 43	3 19	18 44	0 48	21 32	0 0	2 46	2 52	8 48	0 32	14 9	1 43	6 38	10 17	8 28	8 45	4 57		n.a.
S 18	4 6	18 51	4 52	4 40	1 20	17 8	3 23	18 49	0 47	21 33	0 0	2 48	2 52	8 47	0 32	14 10	1 43	6 38	10 17	8 28	8 47	4 59		n.a.
M19	3 42	18 40	4 16	5 21	1 27	17 32	3 28	18 54	0 45	21 35	0 0	2 50	2 52	8 46	0 32	14 10	1 43	6 38	10 18	8 27	8 48	5 1		n.a.
T 20	3 19	17 29	3 28	6 0	1 33	17 56	3 32	18 58	0 43	21 36	0 0	2 52	2 52	8 46	0 32	14 11	1 43	6 37	10 18	8 27	8 49	5 3		n.a.
W21	2 55	15 29	2 31	6 39	1 40	18 19	3 36	19 3	0 42	21 38	0s 0	2 54	2 52	8 45	0 32	14 11	1 43	6 37	10 18	8 26	8 50	5 5		n.a.
T 22	2 31	12 46	1 28	7 17	1 46	18 42	3 40	19 7	0 40	21 39	0 0	2 56	2 52	8 44	0 32	14 12	1 43	6 37	10 18	8 26	8 51	5 7		n.a.
F 23	2 7	9 32	0 21	7 55	1 52	19 4	3 44	19 11	0 38	21 41	0 0	2 58	2 52	8 43	0 32	14 13	1 43	6 36	10 18	8 26	8 53	5 9		n.a.
S 24	1 43	5 56	0n45	8 32	1 58	19 26	3 47	19 15	0 37	21 42	0 0	3 0	2 52	8 42	0 32	14 13	1 43	6 36	10 18	8 26	8 54	5 11		n.a.
S 25	1 18	2 8	1 49	9 8	2 4	19 48	3 51	19 19	0 35	21 44	0 1	3 2	2 52	8 42	0 32	14 14	1 43	6 36	10 18	8 26	8 55	5 13		n.a.
M26	0 54	1s43	2 48	9 44	2 10	20 9	3 55	19 23	0 33	21 45	0 1	3 4	2 52	8 41	0 32	14 14	1 43	6 36	10 18	8 27	8 56	5 15		n.a.
T 27	0 30	5 30	3 39	10 18	2 15	20 30	3 58	19 27	0 31	21 47	0 1	3 6	2 52	8 40	0 32	14 15	1 43	6 35	10 19	8 28	8 57	5 17		n.a.
W28	0 6	9 3	4 21	10 52	2 20	20 50	4 2	19 30	0 30	21 49	0 1	3 8	2 52	8 39	0 32	14 15	1 43	6 35	10 19	8 30	8 59	5 18		n.a.
T 29	0s18	12 15	4 51	11 25	2 25	21 9	4 5	19 34	0 28	21 50	0 1	3 10	2 52	8 38	0 32	14 16	1 43	6 35	10 19	8 31	9 0	5 20		n.a.
F 30	0s42	14s58	5n 9	11s56	2s30	21s28	4s 8	19n37	0s26	21s52	0s 1	3s12	2s52	8n37	0s32	14s17	1n43	6n34	10s19	8n32	9n 1	5s22		n.a.

Julian Day Number = 1601133.5, Delta T = 03h59m06s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'08, Lahiri = - 8°30'08 Julian Calendar 1 Sept. 330 BCE == Greg. Calendar 27 Aug. 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

OCTOBER 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 18 1	2♎45'41	10♐12	25♎42	19♏17	28♉25	7♐46	28°R31	23°R 8	12♏57	14°R39	8°R18	7♍ 2	22♎20	n.a.	S 1
S 2	0 21 58	3°45'55	22°28	26°51	20°12	28°30	7°56	28♓26	23♈ 6	12°58	14♉38	8♍17	6°59	22°27	n.a.	S 2
M 3	0 25 54	4°46'10	5♑ 0	27°58	21° 6	28°33	8° 5	28°22	23° 4	13° 0	14°37	8°D16	6°55	22°34	n.a.	M 3
T 4	0 29 51	5°46'26	17°52	29° 2	21°59	28°36	8°15	28°17	23° 1	13° 2	14°36	8°17	6°52	22°40	n.a.	T 4
W 5	0 33 47	6°46'44	1♒ 7	0♏ 3	22°51	28°38	8°25	28°12	22°59	13° 4	14°36	8°18	6°49	22°47	n.a.	W 5
T 6	0 37 44	7°47'04	14°50	1° 1	23°43	28°40	8°35	28° 7	22°57	13° 6	14°35	8°20	6°46	22°54	n.a.	T 6
F 7	0 41 40	8°47'25	29° 1	1°56	24°35	28°R40	8°45	28° 2	22°54	13° 8	14°34	8°21	6°43	23° 0	n.a.	F 7
S 8	0 45 37	9°47'48	13♓37	2°47	25°25	28°40	8°55	27°58	22°52	13°10	14°33	8°R21	6°39	23° 7	n.a.	S 8
S 9	0 49 33	10°48'12	28°36	3°33	26°15	28°39	9° 5	27°53	22°49	13°12	14°32	8°20	6°36	23°14	n.a.	S 9
M10	0 53 30	11°48'38	13♈48	4°15	27° 4	28°37	9°16	27°48	22°47	13°14	14°31	8°17	6°33	23°21	n.a.	M10
T 11	0 57 27	12°49'06	29° 5	4°51	27°52	28°34	9°26	27°44	22°44	13°16	14°30	8°12	6°30	23°27	n.a.	T 11
W12	1 1 23	13°49'36	14♉16	5°21	28°39	28°30	9°37	27°39	22°42	13°18	14°29	8° 7	6°27	23°34	n.a.	W12
T 13	1 5 20	14°50'07	29°10	5°45	29°26	28°25	9°47	27°35	22°39	13°20	14°28	8° 1	6°24	23°41	n.a.	T 13
F 14	1 9 16	15°50'41	13♊41	6° 1	0♐11	28°20	9°58	27°30	22°37	13°22	14°27	7°57	6°20	23°47	n.a.	F 14
S 15	1 13 13	16°51'16	27°45	6°R 9	0°56	28°14	10° 9	27°26	22°34	13°24	14°26	7°53	6°17	23°54	n.a.	S 15
S 16	1 17 9	17°51'54	11♋20	6° 8	1°39	28° 6	10°20	27°21	22°32	13°26	14°25	7°52	6°14	24° 1	n.a.	S 16
M17	1 21 6	18°52'33	24°29	5°57	2°22	27°58	10°31	27°17	22°29	13°28	14°24	7°D52	6°11	24° 7	n.a.	M17
T 18	1 25 2	19°53'14	7♌15	5°36	3° 3	27°49	10°42	27°13	22°27	13°30	14°23	7°53	6° 8	24°14	n.a.	T 18
W19	1 28 59	20°53'57	19°42	5° 5	3°44	27°39	10°53	27° 8	22°24	13°32	14°22	7°54	6° 5	24°21	n.a.	W19
T 20	1 32 56	21°54'41	1♍54	4°24	4°23	27°29	11° 5	27° 4	22°22	13°35	14°21	7°R56	6° 1	24°27	n.a.	T 20
F 21	1 36 52	22°55'28	13°56	3°32	5° 1	27°17	11°16	27° 0	22°19	13°37	14°20	7°55	5°58	24°34	n.a.	F 21
S 22	1 40 49	23°56'15	25°50	2°31	5°38	27° 5	11°28	26°56	22°17	13°39	14°19	7°54	5°55	24°41	n.a.	S 22
S 23	1 44 45	24°57'05	7♎41	1°21	6°13	26°52	11°39	26°52	22°14	13°41	14°18	7°49	5°52	24°47	n.a.	S 23
M24	1 48 42	25°57'56	19°31	0° 5	6°47	26°38	11°51	26°48	22°12	13°43	14°17	7°43	5°49	24°54	n.a.	M24
T 25	1 52 38	26°58'48	1♏21	28♎45	7°20	26°23	12° 3	26°44	22° 9	13°45	14°15	7°34	5°45	25° 1	n.a.	T 25
W26	1 56 35	27°59'41	13°13	27°22	7°51	26° 7	12°15	26°40	22° 7	13°48	14°14	7°24	5°42	25° 8	n.a.	W26
T 27	2 0 31	29° 0'36	25° 8	26° 1	8°20	25°51	12°27	26°37	22° 4	13°50	14°13	7°14	5°39	25°14	n.a.	T 27
F 28	2 4 28	0♏ 1'32	7♐ 9	24°44	8°48	25°34	12°39	26°33	22° 2	13°52	14°12	7° 3	5°36	25°21	n.a.	F 28
S 29	2 8 25	1° 2'29	19°18	23°33	9°15	25°16	12°51	26°29	21°59	13°54	14°11	6°54	5°33	25°28	n.a.	S 29
S 30	2 12 21	2° 3'27	1♑36	22°30	9°39	24°57	13° 3	26°26	21°57	13°56	14°10	6°48	5°30	25°34	n.a.	S 30
M31	2 16 18	3♏ 4'26	14♑ 6	21♎37	10♐ 2	24♉38	13♐15	26♓22	21♈55	13♏59	14♉ 9	6♍43	5♍26	25♎41	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s 7	17s 4	5n14	12s26	2s34	21s47	4s11	19n40	0s24	21s54	0s 1	3s13	2s52	8n37	0s32	14s17	1n43	6n34	10s19	8n33	9n 2	5s24		n.a.
S 2	1 31	18 27	5 5	12 55	2 38	22 5	4 14	19 43	0 22	21 55	0 1	3 15	2 52	8 36	0 32	14 18	1 43	6 33	10 19	8 34	9 3	5 26		n.a.
M 3	1 55	18 57	4 41	13 23	2 41	22 23	4 17	19 46	0 20	21 57	0 1	3 17	2 52	8 35	0 32	14 18	1 42	6 33	10 19	8 34	9 5	5 28		n.a.
T 4	2 19	18 31	4 3	13 49	2 44	22 40	4 20	19 48	0 18	21 59	0 2	3 19	2 52	8 34	0 32	14 19	1 42	6 33	10 19	8 34	9 6	5 30		n.a.
W 5	2 43	17 4	3 10	14 13	2 46	22 56	4 22	19 51	0 16	22 0	0 2	3 21	2 52	8 33	0 32	14 20	1 42	6 32	10 19	8 33	9 7	5 32		n.a.
T 6	3 7	14 35	2 5	14 36	2 48	23 12	4 25	19 53	0 14	22 2	0 2	3 23	2 52	8 32	0 32	14 20	1 42	6 32	10 20	8 33	9 8	5 34		n.a.
F 7	3 32	11 10	0 51	14 56	2 49	23 27	4 27	19 55	0 12	22 4	0 2	3 25	2 52	8 31	0 32	14 21	1 42	6 32	10 20	8 32	9 9	5 36		n.a.
S 8	3 56	6 58	0s29	15 14	2 50	23 42	4 29	19 57	0 9	22 5	0 2	3 27	2 52	8 30	0 32	14 21	1 42	6 31	10 20	8 32	9 11	5 38		n.a.
S 9	4 20	2 13	1 49	15 30	2 50	23 56	4 31	19 59	0 7	22 7	0 2	3 28	2 52	8 30	0 32	14 22	1 42	6 31	10 20	8 33	9 12	5 40		n.a.
M10	4 44	2n44	3 2	15 44	2 48	24 10	4 33	20 1	0 5	22 9	0 2	3 30	2 52	8 29	0 32	14 23	1 42	6 31	10 20	8 34	9 13	5 41		n.a.
T 11	5 7	7 31	4 2	15 54	2 46	24 23	4 35	20 3	0 3	22 11	0 2	3 32	2 52	8 28	0 32	14 23	1 42	6 30	10 20	8 36	9 14	5 43		n.a.
W12	5 31	11 47	4 45	16 2	2 43	24 35	4 36	20 4	0 0	22 12	0 2	3 34	2 52	8 27	0 32	14 24	1 42	6 30	10 20	8 38	9 15	5 45		n.a.
T 13	5 55	15 13	5 8	16 5	2 39	24 47	4 37	20 5	0n 2	22 14	0 3	3 36	2 52	8 26	0 32	14 25	1 42	6 30	10 20	8 40	9 17	5 47		n.a.
F 14	6 19	17 36	5 10	16 6	2 33	24 58	4 38	20 6	0 5	22 16	0 3	3 37	2 51	8 25	0 32	14 25	1 42	6 29	10 20	8 42	9 18	5 49		n.a.
S 15	6 42	18 50	4 53	16 2	2 26	25 9	4 39	20 7	0 7	22 17	0 3	3 39	2 51	8 24	0 32	14 26	1 42	6 29	10 20	8 43	9 19	5 51		n.a.
S 16	7 6	18 56	4 20	15 53	2 18	25 19	4 40	20 8	0 9	22 19	0 3	3 41	2 51	8 23	0 32	14 27	1 42	6 29	10 20	8 43	9 20	5 53		n.a.
M17	7 29	17 58	3 34	15 40	2 8	25 28	4 40	20 9	0 12	22 21	0 3	3 42	2 51	8 22	0 32	14 27	1 42	6 28	10 20	8 43	9 21	5 55		n.a.
T 18	7 52	16 8	2 39	15 22	1 56	25 36	4 40	20 9	0 14	22 23	0 3	3 44	2 51	8 21	0 32	14 28	1 42	6 28	10 20	8 43	9 22	5 57		n.a.
W19	8 15	13 33	1 37	14 59	1 42	25 44	4 40	20 9	0 17	22 24	0 3	3 46	2 51	8 20	0 32	14 29	1 42	6 28	10 21	8 42	9 24	5 59		n.a.
T 20	8 38	10 25	0 33	14 31	1 27	25 52	4 40	20 9	0 19	22 26	0 3	3 47	2 51	8 19	0 32	14 29	1 42	6 27	10 21	8 42	9 25	6 1		n.a.
F 21	9 1	6 54	0n32	13 57	1 11	25 58	4 39	20 9	0 22	22 28	0 3	3 49	2 51	8 18	0 32	14 30	1 42	6 27	10 21	8 42	9 26	6 3		n.a.
S 22	9 24	3 8	1 35	13 19	0 52	26 4	4 38	20 9	0 25	22 29	0 4	3 50	2 50	8 17	0 32	14 31	1 42	6 27	10 21	8 43	9 27	6 4		n.a.
S 23	9 47	0s44	2 34	12 36	0 33	26 10	4 37	20 8	0 27	22 31	0 4	3 52	2 50	8 16	0 32	14 31	1 42	6 26	10 21	8 44	9 28	6 6		n.a.
M24	10 9	4 34	3 25	11 50	0 13	26 14	4 36	20 8	0 30	22 33	0 4	3 53	2 50	8 16	0 32	14 32	1 42	6 26	10 21	8 47	9 30	6 8		n.a.
T 25	10 31	8 13	4 8	11 2	0n 8	26 18	4 34	20 7	0 33	22 35	0 4	3 54	2 50	8 15	0 32	14 33	1 42	6 26	10 21	8 50	9 31	6 10		n.a.
W26	10 53	11 34	4 39	10 13	0 28	26 21	4 32	20 6	0 35	22 36	0 4	3 56	2 50	8 14	0 32	14 33	1 42	6 25	10 21	8 54	9 32	6 12		n.a.
T 27	11 15	14 27	4 59	9 25	0 49	26 24	4 30	20 4	0 38	22 38	0 4	3 57	2 50	8 13	0 32	14 34	1 42	6 25	10 21	8 58	9 33	6 14		n.a.
F 28	11 37	16 45	5 6	8 39	1 8	26 26	4 27	20 3	0 41	22 40	0 4	3 58	2 49	8 12	0 32	14 35	1 42	6 24	10 21	9 2	9 34	6 16		n.a.
S 29	11 59	18 20	4 59	7 56	1 25	26 27	4 24	20 1	0 43	22 41	0 4	4 0	2 49	8 11	0 32	14 35	1 42	6 24	10 21	9 5	9 35	6 18		n.a.
S 30	12 20	19 6	4 38	7 18	1 41	26 27	4 20	19 59	0 46	22 43	0 4	4 1	2 49	8 10	0 32	14 36	1 42	6 24	10 21	9 7	9 37	6 20		n.a.
M31	12s41	18s56	4n 4	6s45	1n55	26s27	4s16	19n57	0n49	22s45	0s 5	4s 2	2s49	8n 9	0s31	14s37	1n42	6n23	10s21	9n 9	9n38	6s22		n.a.

Julian Day Number = 1601163.5, Delta T = 03h59m04s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'04, Lahiri = - 8°30'04 Julian Calendar 1 Oct. 330 BCE == Greg. Calendar 26 Sept. 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

NOVEMBER 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 20 14	4♏ 5'26	26♉53	20°R56	10♐23	24°R19	13♐28	26°R19	21°R52	14♏ 1	14°R 8	6°R41	5♍23	25♎48	n.a.	T 1
W 2	2 24 11	5° 6'27	10♒ 0	20♎25	10°42	23♉58	13°40	26♓16	21♈50	14° 3	14♉ 6	6°D41	5°20	25°54	n.a.	W 2
T 3	2 28 7	6° 7'28	23°31	20° 6	10°59	23°37	13°53	26°13	21°47	14° 5	14° 5	6♍42	5°17	26° 1	n.a.	T 3
F 4	2 32 4	7° 8'30	7♓27	19°D58	11°14	23°16	14° 5	26°10	21°45	14° 8	14° 4	6°R42	5°14	26° 8	n.a.	F 4
S 5	2 36 0	8° 9'33	21°50	20° 1	11°26	22°54	14°18	26° 7	21°42	14°10	14° 3	6°41	5°10	26°14	n.a.	S 5
S 6	2 39 57	9°10'37	6♈38	20°14	11°37	22°32	14°31	26° 4	21°40	14°12	14° 2	6°38	5° 7	26°21	n.a.	S 6
M 7	2 43 54	10°11'41	21°45	20°36	11°45	22°10	14°43	26° 1	21°38	14°14	14° 1	6°32	5° 4	26°28	n.a.	M 7
T 8	2 47 50	11°12'46	7♉ 2	21° 6	11°51	21°47	14°56	25°58	21°35	14°17	14° 0	6°24	5° 1	26°35	n.a.	T 8
W 9	2 51 47	12°13'52	22°19	21°44	11°54	21°24	15° 9	25°56	21°33	14°19	13°58	6°14	4°58	26°41	n.a.	W 9
T 10	2 55 43	13°14'59	7♊25	22°28	11°R56	21° 1	15°22	25°53	21°31	14°21	13°57	6° 3	4°55	26°48	n.a.	T 10
F 11	2 59 40	14°16'06	22° 9	23°18	11°54	20°37	15°35	25°51	21°29	14°23	13°56	5°54	4°51	26°55	n.a.	F 11
S 12	3 3 36	15°17'15	6♋25	24°13	11°50	20°14	15°48	25°49	21°26	14°26	13°55	5°46	4°48	27° 1	n.a.	S 12
S 13	3 7 33	16°18'25	20°11	25°12	11°44	19°50	16° 1	25°46	21°24	14°28	13°54	5°40	4°45	27° 8	n.a.	S 13
M14	3 11 29	17°19'35	3♌26	26°16	11°35	19°26	16°14	25°44	21°22	14°30	13°53	5°38	4°42	27°15	n.a.	M14
T 15	3 15 26	18°20'47	16°15	27°23	11°24	19° 2	16°28	25°42	21°20	14°33	13°51	5°D37	4°39	27°21	n.a.	T 15
W16	3 19 23	19°21'59	28°42	28°32	11°10	18°39	16°41	25°40	21°18	14°35	13°50	5°37	4°36	27°28	n.a.	W16
T 17	3 23 19	20°23'12	10♍51	29°45	10°54	18°15	16°54	25°39	21°16	14°37	13°49	5°R37	4°32	27°35	n.a.	T 17
F 18	3 27 16	21°24'26	22°48	1♏ 0	10°36	17°52	17° 7	25°37	21°13	14°39	13°48	5°36	4°29	27°41	n.a.	F 18
S 19	3 31 12	22°25'40	4♎39	2°16	10°15	17°29	17°21	25°35	21°11	14°42	13°47	5°32	4°26	27°48	n.a.	S 19
S 20	3 35 9	23°26'55	16°27	3°35	9°52	17° 6	17°34	25°34	21° 9	14°44	13°46	5°26	4°23	27°55	n.a.	S 20
M21	3 39 5	24°28'11	28°16	4°55	9°27	16°43	17°48	25°33	21° 7	14°46	13°44	5°16	4°20	28° 2	n.a.	M21
T 22	3 43 2	25°29'27	10♏ 9	6°16	8°59	16°21	18° 1	25°31	21° 5	14°48	13°43	5° 4	4°16	28° 8	n.a.	T 22
W23	3 46 58	26°30'43	22° 6	7°39	8°30	15°59	18°15	25°30	21° 3	14°51	13°42	4°49	4°13	28°15	n.a.	W23
T 24	3 50 55	27°32'00	4♐10	9° 2	8° 0	15°38	18°29	25°29	21° 2	14°53	13°41	4°34	4°10	28°22	n.a.	T 24
F 25	3 54 52	28°33'17	16°22	10°27	7°27	15°17	18°42	25°28	21° 0	14°55	13°40	4°20	4° 7	28°28	n.a.	F 25
S 26	3 58 48	29°34'34	28°42	11°52	6°54	14°56	18°56	25°27	20°58	14°57	13°39	4° 7	4° 4	28°35	n.a.	S 26
S 27	4 2 45	0♐35'52	11♉11	13°18	6°19	14°36	19°10	25°27	20°56	14°59	13°38	3°56	4° 1	28°42	n.a.	S 27
M28	4 6 41	1°37'09	23°50	14°45	5°44	14°17	19°23	25°26	20°54	15° 2	13°37	3°49	3°57	28°48	n.a.	M28
T 29	4 10 38	2°38'26	6♒42	16°12	5° 7	13°59	19°37	25°26	20°53	15° 4	13°36	3°45	3°54	28°55	n.a.	T 29
W30	4 14 34	3♐39'42	19♒49	17♏40	4♐31	13♉41	19♐51	25♓25	20♈51	15♏ 6	13♉34	3♍43	3♍51	29♎ 2	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s 2	17s50	3n16	6s18	2n 7	26s26	4s12	19n55	0n52	22s46	0s 5	4s 3	2s49	8n 8	0s31	14s37	1n42	6n23	10s21	9n10	9n39	6s24		n.a.
W 2	13 23	15 45	2 18	5 58	2 17	26 24	4 7	19 52	0 54	22 48	0 5	4 4	2 48	8 7	0 31	14 38	1 42	6 23	10 21	9 10	9 40	6 25		n.a.
T 3	13 44	12 45	1 10	5 43	2 24	26 21	4 2	19 50	0 57	22 50	0 5	4 5	2 48	8 6	0 31	14 39	1 42	6 23	10 21	9 10	9 41	6 27		n.a.
F 4	14 4	8 56	0s 4	5 35	2 30	26 18	3 57	19 47	1 0	22 51	0 5	4 6	2 48	8 5	0 31	14 39	1 42	6 22	10 21	9 9	9 43	6 29		n.a.
S 5	14 24	4 30	1 20	5 32	2 34	26 14	3 50	19 44	1 2	22 53	0 5	4 7	2 48	8 5	0 31	14 40	1 42	6 22	10 21	9 10	9 44	6 31		n.a.
S 6	14 44	0n20	2 33	5 35	2 37	26 9	3 44	19 41	1 5	22 54	0 5	4 8	2 48	8 4	0 31	14 41	1 42	6 22	10 21	9 11	9 45	6 33		n.a.
M 7	15 3	5 15	3 36	5 42	2 38	26 3	3 37	19 37	1 8	22 56	0 5	4 9	2 47	8 3	0 31	14 41	1 42	6 21	10 21	9 13	9 46	6 35		n.a.
T 8	15 23	9 52	4 24	5 54	2 38	25 57	3 30	19 34	1 10	22 58	0 5	4 10	2 47	8 2	0 31	14 42	1 42	6 21	10 21	9 16	9 47	6 37		n.a.
W 9	15 42	13 50	4 54	6 9	2 36	25 49	3 22	19 30	1 13	22 59	0 5	4 11	2 47	8 1	0 31	14 43	1 42	6 21	10 21	9 20	9 48	6 39		n.a.
T 10	16 0	16 50	5 3	6 28	2 34	25 41	3 13	19 27	1 15	23 1	0 6	4 12	2 47	8 0	0 31	14 44	1 42	6 20	10 21	9 24	9 50	6 41		n.a.
F 11	16 19	18 39	4 51	6 49	2 31	25 32	3 4	19 23	1 18	23 2	0 6	4 13	2 46	7 59	0 31	14 44	1 42	6 20	10 21	9 28	9 51	6 43		n.a.
S 12	16 37	19 14	4 21	7 13	2 27	25 22	2 55	19 19	1 21	23 4	0 6	4 13	2 46	7 59	0 31	14 45	1 42	6 20	10 21	9 31	9 52	6 45		n.a.
S 13	16 55	18 37	3 37	7 40	2 22	25 11	2 44	19 14	1 23	23 5	0 6	4 14	2 46	7 58	0 31	14 46	1 42	6 19	10 21	9 33	9 53	6 46		n.a.
M14	17 13	17 0	2 42	8 8	2 17	24 59	2 34	19 10	1 25	23 7	0 6	4 15	2 46	7 57	0 31	14 46	1 42	6 19	10 21	9 34	9 54	6 48		n.a.
T 15	17 30	14 33	1 41	8 37	2 12	24 47	2 23	19 6	1 28	23 8	0 6	4 15	2 45	7 56	0 31	14 47	1 42	6 19	10 20	9 34	9 55	6 50		n.a.
W16	17 47	11 30	0 37	9 8	2 6	24 33	2 11	19 2	1 30	23 10	0 6	4 16	2 45	7 55	0 31	14 48	1 42	6 19	10 20	9 34	9 57	6 52		n.a.
T 17	18 4	8 1	0n28	9 39	2 0	24 19	1 59	18 57	1 32	23 11	0 6	4 16	2 45	7 55	0 31	14 48	1 42	6 18	10 20	9 34	9 58	6 54		n.a.
F 18	18 20	4 16	1 30	10 12	1 53	24 4	1 46	18 53	1 35	23 12	0 6	4 17	2 45	7 54	0 31	14 49	1 42	6 18	10 20	9 34	9 59	6 56		n.a.
S 19	18 36	0 23	2 27	10 45	1 46	23 48	1 33	18 48	1 37	23 14	0 6	4 17	2 44	7 53	0 31	14 50	1 42	6 18	10 20	9 36	10 0	6 58		n.a.
S 20	18 52	3s30	3 18	11 19	1 39	23 31	1 20	18 43	1 39	23 15	0 7	4 17	2 44	7 52	0 31	14 50	1 42	6 18	10 20	9 38	10 1	7 0		n.a.
M21	19 7	7 15	4 0	11 52	1 32	23 13	1 6	18 39	1 41	23 17	0 7	4 18	2 44	7 52	0 31	14 51	1 42	6 17	10 20	9 42	10 2	7 2		n.a.
T 22	19 22	10 44	4 32	12 26	1 25	22 55	0 51	18 34	1 43	23 18	0 7	4 18	2 44	7 51	0 31	14 52	1 42	6 17	10 20	9 46	10 4	7 4		n.a.
W23	19 37	13 49	4 52	13 1	1 17	22 36	0 36	18 30	1 45	23 19	0 7	4 18	2 43	7 50	0 31	14 52	1 42	6 17	10 20	9 51	10 5	7 5		n.a.
T 24	19 51	16 20	5 0	13 35	1 10	22 16	0 21	18 25	1 47	23 20	0 7	4 18	2 43	7 49	0 31	14 53	1 42	6 17	10 20	9 57	10 6	7 7		n.a.
F 25	20 5	18 10	4 53	14 9	1 3	21 55	0 6	18 21	1 49	23 22	0 7	4 18	2 43	7 49	0 31	14 54	1 42	6 16	10 20	10 2	10 7	7 9		n.a.
S 26	20 18	19 11	4 33	14 43	0 55	21 35	0n 9	18 16	1 50	23 23	0 7	4 18	2 42	7 48	0 31	14 54	1 42	6 16	10 20	10 7	10 8	7 11		n.a.
S 27	20 32	19 17	4 0	15 16	0 48	21 13	0 25	18 12	1 52	23 24	0 7	4 18	2 42	7 47	0 31	14 55	1 42	6 16	10 19	10 11	10 10	7 13		n.a.
M28	20 44	18 25	3 14	15 49	0 40	20 52	0 40	18 8	1 54	23 26	0 7	4 18	2 42	7 47	0 31	14 55	1 42	6 16	10 19	10 14	10 11	7 15		n.a.
T 29	20 57	16 36	2 17	16 22	0 33	20 30	0 56	18 3	1 55	23 27	0 7	4 18	2 42	7 46	0 31	14 56	1 42	6 16	10 19	10 15	10 12	7 17		n.a.
W30	21s 9	13s54	1n13	16s54	0n25	20s 8	1n11	17n59	1n57	23s28	0s 8	4s18	2s41	7n46	0s31	14s57	1n42	6n15	10s19	10n16	10n13	7s19		n.a.

Julian Day Number = 1601194.5, Delta T = 03h59m03s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°37'00, Lahiri = - 8°29'59 Julian Calendar 1 Nov. 330 BCE == Greg. Calendar 27 Oct. 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 330 BCE
geocentric

DECEMBER 330 BCE (-329) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 18 31	4♐40'59	3♓14	19♏ 9	3°R54	13°R23	20♐ 5	25°R25	20°R49	15♏ 8	13°R33	3°R43	3♍48	29♎ 9	n.a.	T 1
F 2	4 22 27	5°42'14	16°58	20°38	3♐18	13♉ 7	20°19	25°D25	20♈48	15°10	13♉32	3♍43	3°45	29°15	n.a.	F 2
S 3	4 26 24	6°43'30	1♈ 5	22° 7	2°41	12°51	20°33	25♓25	20°46	15°12	13°31	3°41	3°42	29°22	n.a.	S 3
S 4	4 30 21	7°44'45	15°32	23°37	2° 6	12°36	20°47	25°25	20°45	15°15	13°30	3°38	3°38	29°29	n.a.	S 4
M 5	4 34 17	8°46'00	0♉19	25° 8	1°31	12°22	21° 1	25°25	20°43	15°17	13°29	3°31	3°35	29°35	n.a.	M 5
T 6	4 38 14	9°47'14	15°18	26°39	0°58	12° 8	21°15	25°26	20°42	15°19	13°28	3°22	3°32	29°42	n.a.	T 6
W 7	4 42 10	10°48'28	0♊21	28°10	0°26	11°55	21°29	25°26	20°41	15°21	13°27	3°10	3°29	29°49	n.a.	W 7
T 8	4 46 7	11°49'41	15°18	29°42	29♏55	11°43	21°43	25°27	20°39	15°23	13°26	2°58	3°26	29°55	n.a.	T 8
F 9	4 50 3	12°50'55	0♋ 0	1♐14	29°26	11°32	21°57	25°27	20°38	15°25	13°25	2°47	3°22	0♏ 2	n.a.	F 9
S 10	4 54 0	13°52'08	14°19	2°46	28°59	11°22	22°11	25°28	20°37	15°27	13°24	2°38	3°19	0° 9	n.a.	S 10
S 11	4 57 57	14°53'20	28°10	4°19	28°34	11°12	22°25	25°29	20°36	15°29	13°23	2°31	3°16	0°16	n.a.	S 11
M12	5 1 53	15°54'33	11♌33	5°53	28°11	11° 3	22°39	25°30	20°34	15°31	13°22	2°27	3°13	0°22	n.a.	M12
T 13	5 5 50	16°55'45	24°28	7°26	27°51	10°55	22°53	25°31	20°33	15°33	13°21	2°25	3°10	0°29	n.a.	T 13
W14	5 9 46	17°56'57	6♍59	9° 1	27°33	10°48	23° 7	25°33	20°32	15°35	13°20	2°D25	3° 7	0°36	n.a.	W14
T 15	5 13 43	18°58'08	19°12	10°36	27°17	10°42	23°21	25°34	20°31	15°37	13°19	2°R25	3° 3	0°42	n.a.	T 15
F 16	5 17 39	19°59'20	1♎12	12°11	27° 4	10°36	23°35	25°35	20°30	15°39	13°18	2°24	3° 0	0°49	n.a.	F 16
S 17	5 21 36	21° 0'30	13° 3	13°47	26°54	10°32	23°49	25°37	20°29	15°41	13°18	2°22	2°57	0°56	n.a.	S 17
S 18	5 25 32	22° 1'41	24°52	15°23	26°45	10°28	24° 4	25°39	20°29	15°43	13°17	2°17	2°54	1° 2	n.a.	S 18
M19	5 29 29	23° 2'51	6♏42	17° 0	26°40	10°24	24°18	25°40	20°28	15°45	13°16	2° 9	2°51	1° 9	n.a.	M19
T 20	5 33 26	24° 4'00	18°38	18°37	26°37	10°22	24°32	25°42	20°27	15°47	13°15	1°59	2°48	1°16	n.a.	T 20
W21	5 37 22	25° 5'09	0♐42	20°15	26°D36	10°21	24°46	25°44	20°26	15°49	13°14	1°47	2°44	1°23	n.a.	W21
T 22	5 41 19	26° 6'17	12°56	21°54	26°38	10°D20	25° 0	25°47	20°26	15°51	13°13	1°34	2°41	1°29	n.a.	T 22
F 23	5 45 15	27° 7'24	25°21	23°33	26°42	10°20	25°14	25°49	20°25	15°52	13°12	1°21	2°38	1°36	n.a.	F 23
S 24	5 49 12	28° 8'30	7♑57	25°13	26°48	10°21	25°28	25°51	20°24	15°54	13°12	1°10	2°35	1°43	n.a.	S 24
S 25	5 53 8	29° 9'35	20°44	26°53	26°57	10°22	25°43	25°54	20°24	15°56	13°11	1° 1	2°32	1°49	n.a.	S 25
M26	5 57 5	0♑10'40	3♒42	28°34	27° 8	10°24	25°57	25°56	20°24	15°58	13°10	0°55	2°28	1°56	n.a.	M26
T 27	6 1 1	1°11'43	16°51	0♑16	27°21	10°27	26°11	25°59	20°23	15°59	13° 9	0°52	2°25	2° 3	n.a.	T 27
W28	6 4 58	2°12'44	0♓11	1°58	27°37	10°31	26°25	26° 2	20°23	16° 1	13° 9	0°D51	2°22	2°10	n.a.	W28
T 29	6 8 55	3°13'45	13°43	3°41	27°54	10°36	26°39	26° 4	20°23	16° 3	13° 8	0°51	2°19	2°16	n.a.	T 29
F 30	6 12 51	4°14'43	27°28	5°24	28°13	10°41	26°53	26° 7	20°22	16° 5	13° 7	0°R52	2°16	2°23	n.a.	F 30
S 31	6 16 48	5♑15'41	11♈27	7♑ 9	28♏34	10♉47	27♐ 7	26♓11	20♈22	16♏ 6	13♉ 7	0♍52	2♍13	2♏30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21 s20	10 s24	0n 3	17 s26	0n18	19 s46	1n27	17n55	1n58	23 s29	0 s 8	4 s18	2 s41	7n45	0 s31	14 s57	1n42	6n15	10 s19	10n16	10n14	7 s21			n.a.
F 2	21 31	6 16	1 s 9	17 57	0 11	19 24	1 42	17 52	1 59	23 30	0 8	4 18	2 41	7 44	0 31	14 58	1 42	6 15	10 19	10 16	10 15	7 23			n.a.
S 3	21 42	1 41	2 19	18 28	0 4	19 3	1 57	17 48	2 1	23 31	0 8	4 17	2 40	7 44	0 31	14 59	1 42	6 15	10 19	10 17	10 17	7 24			n.a.
S 4	21 52	3n 6	3 22	18 58	0 s 4	18 41	2 11	17 44	2 2	23 32	0 8	4 17	2 40	7 43	0 31	14 59	1 42	6 15	10 19	10 18	10 18	7 26			n.a.
M 5	22 2	7 47	4 12	19 27	0 11	18 20	2 26	17 41	2 3	23 33	0 8	4 17	2 40	7 43	0 31	15 0	1 42	6 14	10 18	10 20	10 19	7 28			n.a.
T 6	22 11	12 4	4 46	19 56	0 17	18 0	2 39	17 38	2 4	23 35	0 8	4 16	2 40	7 42	0 31	15 0	1 42	6 14	10 18	10 24	10 20	7 30			n.a.
W 7	22 20	15 35	5 0	20 23	0 24	17 40	2 53	17 35	2 5	23 36	0 8	4 16	2 39	7 42	0 31	15 1	1 42	6 14	10 18	10 28	10 21	7 32			n.a.
T 8	22 29	18 3	4 54	20 50	0 31	17 21	3 6	17 32	2 6	23 37	0 8	4 15	2 39	7 41	0 31	15 2	1 42	6 14	10 18	10 32	10 22	7 34			n.a.
F 9	22 37	19 16	4 28	21 16	0 37	17 3	3 18	17 29	2 7	23 38	0 9	4 15	2 39	7 41	0 31	15 2	1 42	6 14	10 18	10 36	10 23	7 36			n.a.
S 10	22 45	19 13	3 45	21 41	0 43	16 46	3 30	17 27	2 8	23 39	0 9	4 14	2 38	7 40	0 31	15 3	1 42	6 14	10 18	10 40	10 25	7 38			n.a.
S 11	22 52	18 0	2 51	22 5	0 50	16 30	3 41	17 25	2 9	23 39	0 9	4 14	2 38	7 40	0 31	15 3	1 42	6 14	10 18	10 42	10 26	7 40			n.a.
M12	22 59	15 48	1 48	22 28	0 56	16 15	3 51	17 23	2 10	23 40	0 9	4 13	2 38	7 40	0 31	15 4	1 42	6 13	10 17	10 44	10 27	7 42			n.a.
T 13	23 5	12 52	0 42	22 50	1 1	16 0	4 1	17 21	2 10	23 41	0 9	4 12	2 37	7 39	0 31	15 4	1 42	6 13	10 17	10 44	10 28	7 43			n.a.
W14	23 11	9 26	0n24	23 10	1 7	15 47	4 10	17 19	2 11	23 42	0 9	4 11	2 37	7 39	0 30	15 5	1 42	6 13	10 17	10 44	10 29	7 45			n.a.
T 15	23 16	5 40	1 28	23 30	1 12	15 35	4 19	17 18	2 12	23 43	0 9	4 11	2 37	7 38	0 30	15 6	1 42	6 13	10 17	10 44	10 30	7 47			n.a.
F 16	23 21	1 45	2 26	23 49	1 18	15 25	4 27	17 17	2 12	23 44	0 9	4 10	2 37	7 38	0 30	15 6	1 42	6 13	10 17	10 45	10 32	7 49			n.a.
S 17	23 25	2 s11	3 18	24 6	1 22	15 15	4 34	17 16	2 13	23 45	0 9	4 9	2 36	7 38	0 30	15 7	1 42	6 13	10 17	10 46	10 33	7 51			n.a.
S 18	23 29	6 1	4 1	24 22	1 27	15 7	4 41	17 15	2 13	23 45	0 9	4 8	2 36	7 38	0 30	15 7	1 42	6 13	10 16	10 47	10 34	7 53			n.a.
M19	23 33	9 37	4 33	24 37	1 32	14 59	4 47	17 14	2 14	23 46	0 10	4 7	2 36	7 37	0 30	15 8	1 42	6 13	10 16	10 50	10 35	7 55			n.a.
T 20	23 36	12 52	4 54	24 50	1 36	14 53	4 53	17 14	2 14	23 47	0 10	4 6	2 35	7 37	0 30	15 8	1 42	6 13	10 16	10 54	10 36	7 57			n.a.
W21	23 38	15 37	5 2	25 2	1 40	14 48	4 58	17 14	2 15	23 47	0 10	4 5	2 35	7 37	0 30	15 9	1 42	6 13	10 16	10 58	10 37	7 59			n.a.
T 22	23 40	17 44	4 56	25 12	1 44	14 44	5 3	17 14	2 15	23 48	0 10	4 4	2 35	7 37	0 30	15 9	1 42	6 13	10 16	11 3	10 39	8 0			n.a.
F 23	23 42	19 3	4 36	25 21	1 47	14 41	5 7	17 14	2 15	23 49	0 10	4 3	2 35	7 36	0 30	15 10	1 42	6 12	10 15	11 7	10 40	8 2			n.a.
S 24	23 43	19 27	4 3	25 29	1 50	14 39	5 10	17 15	2 16	23 49	0 10	4 1	2 34	7 36	0 30	15 10	1 42	6 12	10 15	11 11	10 41	8 4			n.a.
S 25	23 44	18 52	3 17	25 34	1 53	14 38	5 13	17 15	2 16	23 50	0 10	4 0	2 34	7 36	0 30	15 11	1 42	6 12	10 15	11 15	10 42	8 6			n.a.
M26	23 44	17 18	2 20	25 39	1 55	14 38	5 16	17 16	2 16	23 50	0 10	3 59	2 34	7 36	0 30	15 11	1 42	6 12	10 15	11 17	10 43	8 8			n.a.
T 27	23 44	14 48	1 14	25 41	1 57	14 39	5 18	17 17	2 16	23 51	0 10	3 57	2 33	7 36	0 30	15 12	1 42	6 12	10 15	11 18	10 44	8 10			n.a.
W28	23 43	11 29	0 4	25 42	1 59	14 41	5 19	17 19	2 16	23 52	0 11	3 56	2 33	7 36	0 30	15 12	1 42	6 12	10 14	11 18	10 45	8 12			n.a.
T 29	23 42	7 32	1 s 8	25 41	2 0	14 44	5 21	17 20	2 17	23 52	0 11	3 55	2 33	7 36	0 30	15 13	1 42	6 12	10 14	11 18	10 47	8 14			n.a.
F 30	23 40	3 7	2 18	25 38	2 1	14 47	5 22	17 22	2 17	23 52	0 11	3 53	2 33	7 36	0 30	15 13	1 42	6 12	10 14	11 18	10 48	8 16			n.a.
S 31	23 s38	1n31	3 s20	25 s34	2 s 2	14 s51	5n22	17n24	2n17	23 s53	0 s11	3 s52	2 s32	7n35	0 s30	15 s14	1n42	6n12	10 s14	11n18	10n49	8 s17			n.a.

Julian Day Number = 1601224.5, Delta T = 03h59m02s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'56, Lahiri = - 8°29'55 Julian Calendar 1 Dec. 330 BCE == Greg. Calendar 26 Nov. 330 BCE

The year -329 astronomical counting style corresponds to year 330 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

JANUARY 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 20 44	6♉16'37	25♈39	8♉53	28♏58	10♉53	27♐21	26♓14	20°R22	16♏ 8	13°R 6	0°R50	2♍ 9	2♏36	n.a.	S 1
M 2	6 24 41	7°17'31	10♉ 4	10°39	29°22	11° 0	27°35	26°17	20♈22	16° 9	13♉ 5	0♍46	2° 6	2°43	n.a.	M 2
T 3	6 28 37	8°18'24	24°36	12°25	29°49	11° 8	27°50	26°20	20°D22	16°11	13° 5	0°40	2° 3	2°50	n.a.	T 3
W 4	6 32 34	9°19'15	9♊12	14°11	0♐17	11°17	28° 4	26°24	20°22	16°13	13° 4	0°32	2° 0	2°56	n.a.	W 4
T 5	6 36 30	10°20'05	23°44	15°59	0°47	11°26	28°18	26°27	20°22	16°14	13° 4	0°24	1°57	3° 3	n.a.	T 5
F 6	6 40 27	11°20'54	8♋ 6	17°46	1°18	11°35	28°32	26°31	20°22	16°16	13° 3	0°16	1°54	3°10	n.a.	F 6
S 7	6 44 24	12°21'41	22°11	19°34	1°51	11°46	28°46	26°35	20°22	16°17	13° 3	0° 9	1°50	3°17	n.a.	S 7
S 8	6 48 20	13°22'27	5♌55	21°22	2°26	11°56	28°59	26°39	20°23	16°18	13° 2	0° 4	1°47	3°23	n.a.	S 8
M 9	6 52 17	14°23'11	19°15	23°11	3° 1	12° 8	29°13	26°43	20°23	16°20	13° 2	0° 2	1°44	3°30	n.a.	M 9
T 10	6 56 13	15°23'54	2♍11	24°59	3°38	12°20	29°27	26°47	20°23	16°21	13° 1	0°D 1	1°41	3°37	n.a.	T 10
W11	7 0 10	16°24'36	14°46	26°47	4°17	12°32	29°41	26°51	20°24	16°23	13° 1	0° 2	1°38	3°43	n.a.	W11
T 12	7 4 6	17°25'16	27° 3	28°35	4°56	12°45	29°55	26°55	20°24	16°24	13° 0	0° 4	1°34	3°50	n.a.	T 12
F 13	7 8 3	18°25'55	9♎ 6	0♒23	5°37	12°59	0♉ 9	27° 0	20°24	16°25	13° 0	0° 5	1°31	3°57	n.a.	F 13
S 14	7 12 0	19°26'33	21° 1	2° 9	6°19	13°13	0°23	27° 4	20°25	16°27	12°59	0°R 5	1°28	4° 4	n.a.	S 14
S 15	7 15 56	20°27'09	2♏52	3°54	7° 2	13°27	0°36	27° 8	20°26	16°28	12°59	0° 4	1°25	4°10	n.a.	S 15
M16	7 19 53	21°27'45	14°44	5°38	7°46	13°42	0°50	27°13	20°26	16°29	12°59	0° 2	1°22	4°17	n.a.	M16
T 17	7 23 49	22°28'18	26°43	7°20	8°31	13°58	1° 4	27°18	20°27	16°30	12°58	29♌57	1°19	4°24	n.a.	T 17
W18	7 27 46	23°28'50	8♐51	8°59	9°16	14°14	1°17	27°22	20°28	16°31	12°58	29°52	1°15	4°30	n.a.	W18
T 19	7 31 42	24°29'21	21°12	10°35	10° 3	14°30	1°31	27°27	20°29	16°33	12°58	29°45	1°12	4°37	n.a.	T 19
F 20	7 35 39	25°29'50	3♉47	12° 8	10°51	14°47	1°45	27°32	20°29	16°34	12°57	29°39	1° 9	4°44	n.a.	F 20
S 21	7 39 35	26°30'18	16°39	13°37	11°39	15° 4	1°58	27°37	20°30	16°35	12°57	29°33	1° 6	4°50	n.a.	S 21
S 22	7 43 32	27°30'44	29°46	15° 1	12°29	15°22	2°12	27°42	20°31	16°36	12°57	29°29	1° 3	4°57	n.a.	S 22
M23	7 47 29	28°31'08	13♒ 7	16°19	13°19	15°40	2°25	27°48	20°32	16°37	12°57	29°26	1° 0	5° 4	n.a.	M23
T 24	7 51 25	29°31'30	26°40	17°32	14°10	15°58	2°39	27°53	20°33	16°38	12°57	29°D25	0°56	5°11	n.a.	T 24
W25	7 55 22	0♒31'50	10♓25	18°38	15° 1	16°17	2°52	27°58	20°35	16°39	12°56	29°25	0°53	5°17	n.a.	W25
T 26	7 59 18	1°32'08	24°19	19°36	15°53	16°37	3° 5	28° 4	20°36	16°40	12°56	29°27	0°50	5°24	n.a.	T 26
F 27	8 3 15	2°32'23	8♈19	20°27	16°46	16°56	3°19	28° 9	20°37	16°40	12°56	29°28	0°47	5°31	n.a.	F 27
S 28	8 7 11	3°32'37	22°25	21° 9	17°39	17°16	3°32	28°15	20°38	16°41	12°56	29°29	0°44	5°37	n.a.	S 28
S 29	8 11 8	4°32'48	6♉35	21°43	18°33	17°37	3°45	28°20	20°40	16°42	12°56	29°R30	0°40	5°44	n.a.	S 29
M30	8 15 4	5°32'57	20°47	22° 7	19°28	17°58	3°58	28°26	20°41	16°43	12°56	29°29	0°37	5°51	n.a.	M30
T 31	8 19 1	6♒33'04	4♊59	22♒22	20♐23	18♉19	4♉11	28♓32	20♈42	16♏44	12°D56	29♌27	0♍34	5♏58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s35	6n 9	4s11	25s27	2s 2	14s56	5n22	17n26	2n17	23s53	0s11	3s50	2s32	7n35	0s30	15s14	1n42	6n12	10s14	11n19	10n50	8s19			n.a.
M 2	23 32	10 29	4 47	25 19	2 1	15 1	5 22	17 28	2 17	23 54	0 11	3 49	2 32	7 35	0 30	15 14	1 43	6 12	10 13	11 20	10 51	8 21			n.a.
T 3	23 28	14 14	5 5	25 9	2 0	15 7	5 22	17 31	2 17	23 54	0 11	3 47	2 32	7 35	0 30	15 15	1 43	6 12	10 13	11 22	10 52	8 23			n.a.
W 4	23 24	17 7	5 3	24 56	1 59	15 14	5 21	17 34	2 17	23 54	0 11	3 45	2 31	7 36	0 30	15 15	1 43	6 13	10 13	11 25	10 54	8 25			n.a.
T 5	23 19	18 54	4 42	24 42	1 57	15 21	5 20	17 36	2 17	23 55	0 11	3 44	2 31	7 36	0 30	15 16	1 43	6 13	10 13	11 28	10 55	8 27			n.a.
F 6	23 14	19 27	4 3	24 26	1 54	15 29	5 18	17 39	2 17	23 55	0 12	3 42	2 31	7 36	0 30	15 16	1 43	6 13	10 12	11 31	10 56	8 29			n.a.
S 7	23 9	18 46	3 9	24 7	1 51	15 37	5 17	17 43	2 17	23 55	0 12	3 40	2 30	7 36	0 30	15 16	1 43	6 13	10 12	11 33	10 57	8 31			n.a.
S 8	23 3	16 59	2 6	23 47	1 48	15 45	5 15	17 46	2 17	23 55	0 12	3 38	2 30	7 36	0 30	15 17	1 43	6 13	10 12	11 35	10 58	8 32			n.a.
M 9	22 57	14 19	0 58	23 25	1 43	15 54	5 13	17 49	2 16	23 56	0 12	3 37	2 30	7 36	0 30	15 17	1 43	6 13	10 12	11 36	10 59	8 34			n.a.
T 10	22 50	11 0	0n12	23 0	1 38	16 3	5 10	17 53	2 16	23 56	0 12	3 35	2 30	7 36	0 30	15 17	1 43	6 13	10 11	11 36	11 0	8 36			n.a.
W11	22 43	7 17	1 19	22 34	1 33	16 13	5 8	17 57	2 16	23 56	0 12	3 33	2 29	7 36	0 30	15 18	1 43	6 13	10 11	11 36	11 2	8 38			n.a.
T 12	22 35	3 20	2 21	22 6	1 26	16 23	5 5	18 1	2 16	23 56	0 12	3 31	2 29	7 37	0 30	15 18	1 43	6 13	10 11	11 35	11 3	8 40			n.a.
F 13	22 27	0s39	3 16	21 36	1 19	16 33	5 2	18 5	2 16	23 56	0 12	3 29	2 29	7 37	0 30	15 19	1 43	6 13	10 11	11 35	11 4	8 42			n.a.
S 14	22 18	4 34	4 1	21 5	1 11	16 43	4 59	18 9	2 16	23 56	0 12	3 27	2 29	7 37	0 29	15 19	1 43	6 13	10 10	11 35	11 5	8 44			n.a.
S 15	22 9	8 17	4 36	20 31	1 2	16 53	4 56	18 13	2 15	23 56	0 13	3 25	2 28	7 37	0 29	15 19	1 43	6 14	10 10	11 35	11 6	8 46			n.a.
M16	22 0	11 41	5 0	19 57	0 53	17 4	4 53	18 18	2 15	23 56	0 13	3 23	2 28	7 38	0 29	15 19	1 43	6 14	10 10	11 36	11 7	8 47			n.a.
T 17	21 50	14 38	5 10	19 21	0 43	17 14	4 49	18 22	2 15	23 56	0 13	3 21	2 28	7 38	0 29	15 20	1 43	6 14	10 10	11 38	11 8	8 49			n.a.
W18	21 40	17 0	5 7	18 45	0 32	17 25	4 45	18 27	2 15	23 56	0 13	3 19	2 28	7 38	0 29	15 20	1 43	6 14	10 9	11 40	11 10	8 51			n.a.
T 19	21 29	18 37	4 49	18 7	0 20	17 35	4 42	18 31	2 15	23 56	0 13	3 16	2 27	7 39	0 29	15 20	1 43	6 14	10 9	11 42	11 11	8 53			n.a.
F 20	21 18	19 23	4 18	17 29	0 8	17 46	4 38	18 36	2 14	23 56	0 13	3 14	2 27	7 39	0 29	15 21	1 43	6 14	10 9	11 44	11 12	8 55			n.a.
S 21	21 7	19 10	3 32	16 51	0n 5	17 57	4 34	18 41	2 14	23 56	0 13	3 12	2 27	7 39	0 29	15 21	1 43	6 14	10 9	11 46	11 13	8 57			n.a.
S 22	20 55	17 56	2 35	16 14	0 19	18 7	4 29	18 46	2 14	23 56	0 13	3 10	2 27	7 40	0 29	15 21	1 43	6 15	10 8	11 48	11 14	8 59			n.a.
M23	20 43	15 41	1 28	15 36	0 33	18 18	4 25	18 51	2 14	23 56	0 14	3 7	2 27	7 40	0 29	15 21	1 43	6 15	10 8	11 49	11 15	9 0			n.a.
T 24	20 30	12 32	0 15	15 0	0 48	18 28	4 21	18 57	2 13	23 56	0 14	3 5	2 26	7 41	0 29	15 22	1 43	6 15	10 8	11 49	11 16	9 2			n.a.
W25	20 17	8 41	1s 0	14 25	1 3	18 38	4 16	19 2	2 13	23 56	0 14	3 3	2 26	7 41	0 29	15 22	1 44	6 15	10 8	11 49	11 18	9 4			n.a.
T 26	20 4	4 18	2 12	13 52	1 19	18 48	4 12	19 7	2 13	23 56	0 14	3 0	2 26	7 41	0 29	15 22	1 44	6 15	10 7	11 48	11 19	9 6			n.a.
F 27	19 50	0n19	3 17	13 22	1 34	18 58	4 7	19 13	2 12	23 55	0 14	2 58	2 26	7 42	0 29	15 22	1 44	6 16	10 7	11 48	11 20	9 8			n.a.
S 28	19 36	4 57	4 11	12 53	1 50	19 8	4 2	19 18	2 12	23 55	0 14	2 56	2 25	7 42	0 29	15 22	1 44	6 16	10 7	11 47	11 21	9 10			n.a.
S 29	19 22	9 19	4 50	12 28	2 5	19 17	3 57	19 24	2 12	23 55	0 14	2 53	2 25	7 43	0 29	15 23	1 44	6 16	10 7	11 47	11 22	9 12			n.a.
M30	19 7	13 10	5 11	12 6	2 20	19 27	3 52	19 30	2 11	23 55	0 14	2 51	2 25	7 44	0 29	15 23	1 44	6 16	10 6	11 48	11 23	9 14			n.a.
T 31	18s52	16n16	5s13	11s47	2n35	19s36	3n48	19n35	2n11	23s54	0s15	2s48	2s25	7n44	0s29	15s23	1n44	6n17	10s 6	11n48	11n24	9s15			n.a.

Julian Day Number = 1601255.5, Delta T = 03h59m01s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'51, Lahiri = - 8°29'51 Julian Calendar 1 Jan. 329 BCE == Greg. Calendar 27 Dec. 330 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

FEBRUARY 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 22 57	7♒33'09	19♊ 7	22°R28	21♐19	18♉40	4♑24	28♓37	20♈44	16♏44	12♉56	29°R24	0♍31	6♏ 4	n.a.	W 1
T 2	8 26 54	8°33'11	3♋10	22♒24	22°15	19° 2	4°37	28°43	20°45	16°45	12°56	29♌21	0°28	6°11	n.a.	T 2
F 3	8 30 51	9°33'12	17° 2	22°11	23°12	19°24	4°50	28°49	20°47	16°46	12°56	29°18	0°25	6°18	n.a.	F 3
S 4	8 34 47	10°33'10	0♌41	21°49	24° 9	19°47	5° 3	28°55	20°48	16°46	12°56	29°16	0°21	6°24	n.a.	S 4
S 5	8 38 44	11°33'06	14° 5	21°20	25° 7	20° 9	5°16	29° 1	20°50	16°47	12°56	29°15	0°18	6°31	n.a.	S 5
M 6	8 42 40	12°33'00	27°11	20°42	26° 5	20°32	5°28	29° 8	20°52	16°47	12°56	29°D14	0°15	6°38	n.a.	M 6
T 7	8 46 37	13°32'52	9♍59	19°59	27° 4	20°55	5°41	29°14	20°54	16°48	12°57	29°14	0°12	6°45	n.a.	T 7
W 8	8 50 33	14°32'42	22°31	19°10	28° 3	21°19	5°54	29°20	20°55	16°48	12°57	29°15	0° 9	6°51	n.a.	W 8
T 9	8 54 30	15°32'30	4♎47	18°16	29° 2	21°43	6° 6	29°26	20°57	16°49	12°57	29°16	0° 5	6°58	n.a.	T 9
F 10	8 58 26	16°32'16	16°52	17°20	0♏ 2	22° 7	6°19	29°33	20°59	16°49	12°57	29°18	0° 2	7° 5	n.a.	F 10
S 11	9 2 23	17°32'00	28°48	16°23	1° 2	22°31	6°31	29°39	21° 1	16°50	12°57	29°19	29♌59	7°11	n.a.	S 11
S 12	9 6 20	18°31'43	10♏41	15°25	2° 2	22°56	6°43	29°46	21° 3	16°50	12°58	29°19	29°56	7°18	n.a.	S 12
M13	9 10 16	19°31'24	22°34	14°28	3° 3	23°21	6°55	29°52	21° 5	16°50	12°58	29°R19	29°53	7°25	n.a.	M13
T 14	9 14 13	20°31'02	4♐33	13°33	4° 4	23°46	7° 8	29°59	21° 7	16°51	12°58	29°19	29°50	7°32	n.a.	T 14
W15	9 18 9	21°30'39	16°42	12°41	5° 6	24°11	7°20	0♈ 6	21° 9	16°51	12°58	29°18	29°46	7°38	n.a.	W15
T 16	9 22 6	22°30'15	29° 5	11°53	6° 8	24°37	7°32	0°12	21°11	16°51	12°59	29°18	29°43	7°45	n.a.	T 16
F 17	9 26 2	23°29'48	11♑46	11°10	7°10	25° 2	7°44	0°19	21°13	16°51	12°59	29°17	29°40	7°52	n.a.	F 17
S 18	9 29 59	24°29'19	24°46	10°32	8°12	25°28	7°56	0°26	21°16	16°51	13° 0	29°16	29°37	7°58	n.a.	S 18
S 19	9 33 55	25°28'48	8♒ 7	10° 0	9°15	25°55	8° 7	0°33	21°18	16°52	13° 0	29°16	29°34	8° 5	n.a.	S 19
M20	9 37 52	26°28'16	21°48	9°34	10°18	26°21	8°19	0°40	21°20	16°52	13° 0	29°15	29°31	8°12	n.a.	M20
T 21	9 41 49	27°27'41	5♓46	9°14	11°21	26°48	8°31	0°47	21°22	16°52	13° 1	29°D15	29°27	8°19	n.a.	T 21
W22	9 45 45	28°27'03	19°59	8°59	12°25	27°15	8°42	0°54	21°25	16°R52	13° 1	29°16	29°24	8°25	n.a.	W22
T 23	9 49 42	29°26'24	4♈21	8°51	13°28	27°42	8°54	1° 1	21°27	16°52	13° 2	29°R16	29°21	8°32	n.a.	T 23
F 24	9 53 38	0♓25'42	18°47	8°D49	14°32	28° 9	9° 5	1° 8	21°30	16°52	13° 2	29°15	29°18	8°39	n.a.	F 24
S 25	9 57 35	1°24'58	3♉13	8°52	15°36	28°36	9°16	1°15	21°32	16°52	13° 3	29°15	29°15	8°45	n.a.	S 25
S 26	10 1 31	2°24'11	17°35	9° 1	16°41	29° 4	9°27	1°22	21°35	16°52	13° 3	29°15	29°11	8°52	n.a.	S 26
M27	10 5 28	3°23'22	1♊48	9°15	17°45	29°32	9°38	1°29	21°37	16°51	13° 4	29°D15	29° 8	8°59	n.a.	M27
T 28	10 9 24	4°22'30	15°51	9°34	18°50	29°59	9°49	1°36	21°40	16°51	13° 4	29°15	29° 5	9° 6	n.a.	T 28
W29	10 13 21	5♓21'37	29♊43	9♒58	19♑55	0♊28	10♑ 0	1♈44	21♈42	16♏51	13♉ 5	29♌15	29♌ 2	9♏12	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s36	18n22	4s56	11s32	2n49	19s45	3n43	19n41	2n11	23s54	0s15	2s46	2s25	7n45	0s29	15s23	1n44	6n17	10s 6	11n49	11n26	9s17		n.a.
T 2	18 21	19 20	4 22	11 21	3 2	19 53	3 38	19 47	2 11	23 54	0 15	2 43	2 24	7 45	0 29	15 23	1 44	6 17	10 6	11 50	11 27	9 19		n.a.
F 3	18 5	19 8	3 32	11 14	3 13	20 1	3 32	19 53	2 10	23 54	0 15	2 41	2 24	7 46	0 29	15 23	1 44	6 17	10 5	11 51	11 28	9 21		n.a.
S 4	17 48	17 48	2 31	11 11	3 24	20 9	3 27	19 59	2 10	23 53	0 15	2 38	2 24	7 47	0 29	15 23	1 44	6 18	10 5	11 52	11 29	9 23		n.a.
S 5	17 32	15 29	1 23	11 13	3 33	20 16	3 22	20 5	2 10	23 53	0 15	2 35	2 24	7 47	0 29	15 24	1 44	6 18	10 5	11 53	11 30	9 25		n.a.
M 6	17 15	12 25	0 11	11 18	3 40	20 24	3 17	20 11	2 9	23 52	0 15	2 33	2 24	7 48	0 29	15 24	1 44	6 18	10 5	11 53	11 31	9 27		n.a.
T 7	16 58	8 50	0n59	11 26	3 45	20 30	3 12	20 16	2 9	23 52	0 15	2 30	2 24	7 49	0 29	15 24	1 44	6 18	10 4	11 53	11 32	9 28		n.a.
W 8	16 40	4 55	2 5	11 39	3 49	20 37	3 6	20 22	2 8	23 52	0 16	2 27	2 23	7 49	0 29	15 24	1 44	6 19	10 4	11 52	11 33	9 30		n.a.
T 9	16 22	0 53	3 4	11 54	3 50	20 43	3 1	20 28	2 8	23 51	0 16	2 25	2 23	7 50	0 29	15 24	1 44	6 19	10 4	11 52	11 35	9 32		n.a.
F 10	16 4	3s 6	3 54	12 11	3 49	20 48	2 56	20 35	2 8	23 51	0 16	2 22	2 23	7 51	0 29	15 24	1 44	6 19	10 4	11 52	11 36	9 34		n.a.
S 11	15 46	6 56	4 33	12 31	3 46	20 53	2 50	20 41	2 7	23 50	0 16	2 19	2 23	7 51	0 29	15 24	1 44	6 20	10 3	11 51	11 37	9 36		n.a.
S 12	15 27	10 27	5 0	12 53	3 42	20 58	2 45	20 47	2 7	23 50	0 16	2 16	2 23	7 52	0 29	15 24	1 44	6 20	10 3	11 51	11 38	9 38		n.a.
M13	15 9	13 34	5 15	13 16	3 35	21 2	2 40	20 53	2 7	23 49	0 16	2 14	2 23	7 53	0 29	15 24	1 45	6 20	10 3	11 51	11 39	9 40		n.a.
T 14	14 50	16 8	5 16	13 40	3 27	21 6	2 34	20 59	2 6	23 49	0 16	2 11	2 22	7 54	0 29	15 24	1 45	6 21	10 2	11 51	11 40	9 41		n.a.
W15	14 30	18 3	5 2	14 3	3 17	21 9	2 29	21 5	2 6	23 48	0 17	2 8	2 22	7 55	0 28	15 24	1 45	6 21	10 2	11 51	11 41	9 43		n.a.
T 16	14 11	19 9	4 35	14 27	3 6	21 12	2 24	21 11	2 6	23 48	0 17	2 5	2 22	7 55	0 28	15 24	1 45	6 21	10 2	11 52	11 43	9 45		n.a.
F 17	13 51	19 19	3 54	14 51	2 54	21 14	2 18	21 17	2 5	23 47	0 17	2 2	2 22	7 56	0 28	15 24	1 45	6 22	10 2	11 52	11 44	9 47		n.a.
S 18	13 31	18 29	3 0	15 14	2 41	21 16	2 13	21 23	2 5	23 47	0 17	1 59	2 22	7 57	0 28	15 24	1 45	6 22	10 1	11 52	11 45	9 49		n.a.
S 19	13 11	16 37	1 55	15 35	2 27	21 17	2 8	21 29	2 4	23 46	0 17	1 56	2 22	7 58	0 28	15 24	1 45	6 22	10 1	11 52	11 46	9 51		n.a.
M20	12 51	13 46	0 41	15 56	2 13	21 18	2 2	21 35	2 4	23 45	0 17	1 54	2 21	7 59	0 28	15 24	1 45	6 23	10 1	11 52	11 47	9 52		n.a.
T 21	12 30	10 4	0s36	16 15	1 59	21 18	1 57	21 41	2 4	23 45	0 17	1 51	2 21	8 0	0 28	15 24	1 45	6 23	10 1	11 52	11 48	9 54		n.a.
W22	12 9	5 44	1 52	16 33	1 44	21 18	1 52	21 47	2 3	23 44	0 18	1 48	2 21	8 1	0 28	15 24	1 45	6 24	10 0	11 52	11 49	9 56		n.a.
T 23	11 48	1 2	3 3	16 50	1 30	21 17	1 46	21 53	2 3	23 44	0 18	1 45	2 21	8 2	0 28	15 24	1 45	6 24	10 0	11 52	11 50	9 58		n.a.
F 24	11 27	3n44	4 2	17 4	1 15	21 15	1 41	21 59	2 2	23 43	0 18	1 42	2 21	8 3	0 28	15 24	1 45	6 24	10 0	11 52	11 52	10 0		n.a.
S 25	11 6	8 16	4 45	17 17	1 1	21 13	1 36	22 5	2 2	23 42	0 18	1 39	2 21	8 4	0 28	15 24	1 45	6 25	10 0	11 52	11 53	10 2		n.a.
S 26	10 45	12 19	5 11	17 29	0 46	21 11	1 31	22 10	2 2	23 42	0 18	1 36	2 21	8 5	0 28	15 24	1 45	6 25	9 59	11 52	11 54	10 3		n.a.
M27	10 23	15 36	5 17	17 38	0 33	21 8	1 26	22 16	2 1	23 41	0 18	1 33	2 21	8 6	0 28	15 24	1 45	6 25	9 59	11 53	11 55	10 5		n.a.
T 28	10 1	17 56	5 4	17 46	0 19	21 4	1 20	22 22	2 1	23 40	0 19	1 30	2 20	8 7	0 28	15 24	1 45	6 26	9 59	11 52	11 56	10 7		n.a.
W29	9s40	19n10	4s34	17s52	0n 6	21s 0	1n15	22n28	2n 1	23s40	0s19	1s27	2s20	8n 8	0s28	15s24	1n45	6n26	9s59	11n52	11n57	10s 9		n.a.

Julian Day Number = 1601286.5, Delta T = 03h59m00s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'47, Lahiri = - 8°29'47 Julian Calendar 1 Feb. 329 BCE == Greg. Calendar 27 Jan. 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

MARCH 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 17 17	6♓20'40	13♋21	10♒26	21♑ 0	0♊56	10♑11	1♈51	21♈45	16°R51	13♉ 6	29♌16	28♌59	9♏19	n.a.	T 1
F 2	10 21 14	7°19'41	26°47	10°59	22° 6	1°25	10°22	1°58	21°48	16♏50	13° 6	29°17	28°56	9°26	n.a.	F 2
S 3	10 25 11	8°18'40	9♌59	11°36	23°11	1°53	10°32	2° 6	21°50	16°50	13° 7	29°18	28°52	9°32	n.a.	S 3
S 4	10 29 7	9°17'37	22°58	12°17	24°17	2°22	10°43	2°13	21°53	16°50	13° 8	29°R18	28°49	9°39	n.a.	S 4
M 5	10 33 4	10°16'31	5♍44	13° 2	25°23	2°51	10°53	2°21	21°56	16°49	13° 8	29°18	28°46	9°46	n.a.	M 5
T 6	10 37 0	11°15'23	18°17	13°50	26°29	3°20	11° 3	2°28	21°59	16°49	13° 9	29°17	28°43	9°53	n.a.	T 6
W 7	10 40 57	12°14'13	0♎39	14°41	27°35	3°50	11°14	2°36	22° 1	16°49	13°10	29°16	28°40	9°59	n.a.	W 7
T 8	10 44 53	13°13'01	12°50	15°35	28°41	4°19	11°24	2°43	22° 4	16°48	13°11	29°14	28°37	10° 6	n.a.	T 8
F 9	10 48 50	14°11'47	24°52	16°33	29°48	4°49	11°34	2°51	22° 7	16°48	13°11	29°12	28°33	10°13	n.a.	F 9
S 10	10 52 46	15°10'31	6♏48	17°33	0♒55	5°18	11°43	2°58	22°10	16°47	13°12	29°10	28°30	10°19	n.a.	S 10
S 11	10 56 43	16° 9'14	18°40	18°36	2° 1	5°48	11°53	3° 6	22°13	16°47	13°13	29° 8	28°27	10°26	n.a.	S 11
M12	11 0 39	17° 7'54	0♐33	19°42	3° 8	6°18	12° 3	3°13	22°16	16°46	13°14	29° 6	28°24	10°33	n.a.	M12
T 13	11 4 36	18° 6'33	12°31	20°50	4°16	6°48	12°12	3°21	22°19	16°45	13°15	29° 5	28°21	10°40	n.a.	T 13
W14	11 8 33	19° 5'10	24°38	22° 1	5°23	7°18	12°22	3°29	22°22	16°45	13°16	29°D 5	28°17	10°46	n.a.	W14
T 15	11 12 29	20° 3'45	6♑59	23°13	6°30	7°49	12°31	3°36	22°25	16°44	13°16	29° 6	28°14	10°53	n.a.	T 15
F 16	11 16 26	21° 2'18	19°39	24°28	7°38	8°19	12°40	3°44	22°28	16°43	13°17	29° 7	28°11	11° 0	n.a.	F 16
S 17	11 20 22	22° 0'50	2♒40	25°46	8°45	8°50	12°49	3°52	22°31	16°43	13°18	29° 9	28° 8	11° 6	n.a.	S 17
S 18	11 24 19	22°59'20	16° 5	27° 5	9°53	9°21	12°58	3°59	22°34	16°42	13°19	29°10	28° 5	11°13	n.a.	S 18
M19	11 28 15	23°57'48	29°56	28°26	11° 1	9°51	13° 7	4° 7	22°37	16°41	13°20	29°R10	28° 2	11°20	n.a.	M19
T 20	11 32 12	24°56'14	14♓10	29°50	12° 9	10°22	13°15	4°15	22°41	16°40	13°21	29°10	27°58	11°27	n.a.	T 20
W21	11 36 8	25°54'38	28°45	1♓15	13°17	10°54	13°24	4°23	22°44	16°39	13°22	29° 8	27°55	11°33	n.a.	W21
T 22	11 40 5	26°53'00	13♈33	2°42	14°25	11°25	13°32	4°30	22°47	16°38	13°23	29° 5	27°52	11°40	n.a.	T 22
F 23	11 44 2	27°51'20	28°26	4°11	15°33	11°56	13°40	4°38	22°50	16°38	13°24	29° 1	27°49	11°47	n.a.	F 23
S 24	11 47 58	28°49'39	13♉18	5°42	16°41	12°27	13°49	4°46	22°53	16°37	13°25	28°57	27°46	11°53	n.a.	S 24
S 25	11 51 55	29°47'55	27°59	7°14	17°50	12°59	13°57	4°54	22°57	16°36	13°26	28°53	27°42	12° 0	n.a.	S 25
M26	11 55 51	0♈46'09	12♊25	8°49	18°58	13°31	14° 4	5° 2	23° 0	16°35	13°27	28°50	27°39	12° 7	n.a.	M26
T 27	11 59 48	1°44'20	26°31	10°25	20° 7	14° 2	14°12	5° 9	23° 3	16°34	13°28	28°D49	27°36	12°14	n.a.	T 27
W28	12 3 44	2°42'30	10♋18	12° 3	21°16	14°34	14°20	5°17	23° 7	16°33	13°29	28°49	27°33	12°20	n.a.	W28
T 29	12 7 41	3°40'38	23°44	13°43	22°24	15° 6	14°27	5°25	23°10	16°32	13°30	28°50	27°30	12°27	n.a.	T 29
F 30	12 11 37	4°38'43	6♌52	15°25	23°33	15°38	14°34	5°33	23°13	16°31	13°32	28°52	27°27	12°34	n.a.	F 30
S 31	12 15 34	5♈36'46	19♌45	17♓ 9	24♒42	16♊10	14♑41	5♈41	23♈17	16♏29	13♉33	28♌53	27♌23	12♏41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s18	19n16	3s48	17s57	0s 7	20s55	1n10	22n33	2n 0	23s39	0s19	1s24	2s20	8n 9	0s28	15s23	1n45	6n27	9s58	11n52	11n58	10s11			n.a.
F 2	8 55	18 16	2 51	17 59	0 19	20 49	1 5	22 39	2 0	23 38	0 19	1 21	2 20	8 10	0 28	15 23	1 45	6 27	9 58	11 52	11 59	10 13			n.a.
S 3	8 33	16 17	1 45	18 0	0 31	20 44	1 0	22 44	1 59	23 38	0 19	1 18	2 20	8 11	0 28	15 23	1 46	6 28	9 58	11 52	12 0	10 15			n.a.
S 4	8 11	13 29	0 35	17 59	0 42	20 37	0 55	22 50	1 59	23 37	0 19	1 15	2 20	8 12	0 28	15 23	1 46	6 28	9 58	11 51	12 2	10 16			n.a.
M 5	7 48	10 4	0n36	17 57	0 52	20 30	0 50	22 55	1 59	23 36	0 19	1 11	2 20	8 13	0 28	15 23	1 46	6 28	9 58	11 51	12 3	10 18			n.a.
T 6	7 26	6 16	1 43	17 53	1 3	20 22	0 45	23 1	1 58	23 36	0 20	1 8	2 20	8 14	0 28	15 23	1 46	6 29	9 57	11 52	12 4	10 20			n.a.
W 7	7 3	2 15	2 45	17 47	1 12	20 14	0 41	23 6	1 58	23 35	0 20	1 5	2 20	8 15	0 28	15 23	1 46	6 29	9 57	11 52	12 5	10 22			n.a.
T 8	6 40	1s47	3 38	17 39	1 21	20 5	0 36	23 11	1 57	23 34	0 20	1 2	2 20	8 16	0 28	15 22	1 46	6 30	9 57	11 53	12 6	10 24			n.a.
F 9	6 18	5 42	4 21	17 30	1 30	19 56	0 31	23 16	1 57	23 33	0 20	0 59	2 19	8 17	0 28	15 22	1 46	6 30	9 57	11 54	12 7	10 25			n.a.
S 10	5 55	9 21	4 52	17 19	1 38	19 46	0 27	23 22	1 57	23 33	0 20	0 56	2 19	8 18	0 28	15 22	1 46	6 31	9 56	11 54	12 8	10 27			n.a.
S 11	5 32	12 37	5 10	17 6	1 45	19 36	0 22	23 27	1 56	23 32	0 20	0 53	2 19	8 19	0 28	15 22	1 46	6 31	9 56	11 55	12 9	10 29			n.a.
M12	5 9	15 23	5 15	16 51	1 52	19 25	0 17	23 31	1 56	23 31	0 21	0 50	2 19	8 21	0 28	15 22	1 46	6 31	9 56	11 56	12 11	10 31			n.a.
T 13	4 45	17 30	5 7	16 35	1 58	19 13	0 13	23 36	1 55	23 31	0 21	0 47	2 19	8 22	0 28	15 21	1 46	6 32	9 56	11 56	12 12	10 33			n.a.
W14	4 22	18 53	4 45	16 18	2 4	19 1	0 9	23 41	1 55	23 30	0 21	0 43	2 19	8 23	0 28	15 21	1 46	6 32	9 56	11 56	12 13	10 35			n.a.
T 15	3 59	19 24	4 9	15 59	2 9	18 48	0 4	23 46	1 55	23 29	0 21	0 40	2 19	8 24	0 28	15 21	1 46	6 33	9 55	11 56	12 14	10 36			n.a.
F 16	3 36	18 58	3 21	15 38	2 14	18 35	0 0	23 50	1 54	23 28	0 21	0 37	2 19	8 25	0 28	15 21	1 46	6 33	9 55	11 55	12 15	10 38			n.a.
S 17	3 12	17 31	2 21	15 15	2 18	18 22	0s 4	23 55	1 54	23 28	0 21	0 34	2 19	8 26	0 28	15 20	1 46	6 34	9 55	11 55	12 16	10 40			n.a.
S 18	2 49	15 4	1 11	14 51	2 22	18 7	0 8	23 59	1 53	23 27	0 22	0 31	2 19	8 28	0 28	15 20	1 46	6 34	9 55	11 54	12 17	10 42			n.a.
M19	2 26	11 42	0s 4	14 25	2 25	17 53	0 12	24 4	1 53	23 26	0 22	0 28	2 19	8 29	0 28	15 20	1 46	6 35	9 54	11 54	12 18	10 44			n.a.
T 20	2 2	7 33	1 21	13 58	2 27	17 37	0 16	24 8	1 53	23 26	0 22	0 25	2 19	8 30	0 28	15 20	1 46	6 35	9 54	11 54	12 19	10 46			n.a.
W21	1 39	2 52	2 35	13 29	2 29	17 22	0 20	24 12	1 52	23 25	0 22	0 21	2 19	8 31	0 28	15 19	1 46	6 36	9 54	11 55	12 21	10 47			n.a.
T 22	1 15	2n 2	3 40	12 59	2 31	17 6	0 24	24 16	1 52	23 24	0 22	0 18	2 19	8 32	0 28	15 19	1 46	6 36	9 54	11 56	12 22	10 49			n.a.
F 23	0 52	6 51	4 30	12 27	2 32	16 49	0 28	24 20	1 51	23 24	0 23	0 15	2 19	8 34	0 28	15 19	1 46	6 37	9 54	11 58	12 23	10 51			n.a.
S 24	0 28	11 14	5 1	11 53	2 32	16 32	0 32	24 24	1 51	23 23	0 23	0 12	2 19	8 35	0 28	15 18	1 46	6 37	9 53	11 59	12 24	10 53			n.a.
S 25	0 5	14 53	5 13	11 18	2 32	16 14	0 35	24 28	1 50	23 22	0 23	0 9	2 19	8 36	0 28	15 18	1 47	6 38	9 53	12 0	12 25	10 55			n.a.
M26	0n19	17 32	5 4	10 41	2 31	15 56	0 39	24 31	1 50	23 22	0 23	0 6	2 19	8 37	0 28	15 18	1 47	6 38	9 53	12 1	12 26	10 56			n.a.
T 27	0 42	19 4	4 37	10 3	2 30	15 37	0 42	24 35	1 50	23 21	0 23	0 3	2 19	8 39	0 28	15 17	1 47	6 39	9 53	12 2	12 27	10 58			n.a.
W28	1 5	19 26	3 55	9 24	2 28	15 18	0 46	24 38	1 49	23 20	0 24	0n 1	2 19	8 40	0 28	15 17	1 47	6 39	9 53	12 2	12 28	11 0			n.a.
T 29	1 29	18 40	3 0	8 42	2 25	14 59	0 49	24 41	1 49	23 20	0 24	0 4	2 19	8 41	0 28	15 17	1 47	6 40	9 53	12 1	12 29	11 2			n.a.
F 30	1 52	16 54	1 57	8 0	2 22	14 39	0 52	24 45	1 48	23 19	0 24	0 7	2 19	8 42	0 28	15 16	1 47	6 40	9 52	12 1	12 31	11 4			n.a.
S 31	2n15	14n17	0s50	7s16	2s19	14s19	0s55	24n48	1n48	23s19	0s24	0n10	2s18	8n44	0s28	15s16	1n47	6n41	9s52	12n 0	12n32	11s 5			n.a.

Julian Day Number = 1601315.5, Delta T = 03h58m59s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'43, Lahiri = - 8°29'43 Julian Calendar 1 March 329 BCE == Greg. Calendar 25 Feb. 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

APRIL 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 31	6♈34'48	2♍24	18♓54	25♒51	16♊42	14♑48	5♈49	23♈20	16°R28	13♉34	28°R54	27♌20	12♏47	n.a.	S 1
M 2	12 23 27	7°32'47	14°51	20°41	27° 0	17°15	14°55	5°56	23°23	16♏27	13°35	28♌52	27°17	12°54	n.a.	M 2
T 3	12 27 24	8°30'44	27° 8	22°30	28°10	17°47	15° 2	6° 4	23°27	16°26	13°36	28°49	27°14	13° 1	n.a.	T 3
W 4	12 31 20	9°28'40	9♎18	24°21	29°19	18°20	15° 8	6°12	23°30	16°25	13°37	28°44	27°11	13° 7	n.a.	W 4
T 5	12 35 17	10°26'34	21°21	26°14	0♓28	18°52	15°15	6°20	23°33	16°24	13°38	28°37	27° 8	13°14	n.a.	T 5
F 6	12 39 13	11°24'27	3♏18	28° 8	1°37	19°25	15°21	6°28	23°37	16°22	13°40	28°30	27° 4	13°21	n.a.	F 6
S 7	12 43 10	12°22'18	15°12	0♈ 4	2°47	19°58	15°27	6°35	23°40	16°21	13°41	28°22	27° 1	13°28	n.a.	S 7
S 8	12 47 6	13°20'07	27° 4	2° 3	3°56	20°30	15°33	6°43	23°44	16°20	13°42	28°14	26°58	13°34	n.a.	S 8
M 9	12 51 3	14°17'56	8♐57	4° 2	5° 6	21° 3	15°39	6°51	23°47	16°19	13°43	28° 7	26°55	13°41	n.a.	M 9
T 10	12 54 59	15°15'42	20°55	6° 4	6°16	21°36	15°44	6°59	23°51	16°17	13°45	28° 2	26°52	13°48	n.a.	T 10
W11	12 58 56	16°13'28	3♑ 0	8° 7	7°26	22° 9	15°50	7° 7	23°54	16°16	13°46	27°59	26°48	13°54	n.a.	W11
T 12	13 2 53	17°11'12	15°18	10°12	8°35	22°42	15°55	7°14	23°57	16°15	13°47	27°D58	26°45	14° 1	n.a.	T 12
F 13	13 6 49	18° 8'55	27°54	12°18	9°45	23°16	16° 0	7°22	24° 1	16°13	13°48	27°59	26°42	14° 8	n.a.	F 13
S 14	13 10 46	19° 6'37	10♒50	14°25	10°55	23°49	16° 5	7°30	24° 4	16°12	13°50	28° 0	26°39	14°15	n.a.	S 14
S 15	13 14 42	20° 4'18	24°12	16°34	12° 5	24°22	16°10	7°37	24° 8	16°10	13°51	28°R 1	26°36	14°21	n.a.	S 15
M16	13 18 39	21° 1'57	8♓ 2	18°43	13°15	24°56	16°14	7°45	24°11	16° 9	13°52	28° 0	26°33	14°28	n.a.	M16
T 17	13 22 35	21°59'36	22°20	20°54	14°25	25°29	16°19	7°53	24°15	16° 8	13°53	27°58	26°29	14°35	n.a.	T 17
W18	13 26 32	22°57'13	7♈ 3	23° 5	15°35	26° 3	16°23	8° 0	24°18	16° 6	13°55	27°53	26°26	14°41	n.a.	W18
T 19	13 30 28	23°54'48	22° 5	25°16	16°46	26°36	16°27	8° 8	24°22	16° 5	13°56	27°47	26°23	14°48	n.a.	T 19
F 20	13 34 25	24°52'23	7♉18	27°27	17°56	27°10	16°31	8°16	24°25	16° 3	13°57	27°39	26°20	14°55	n.a.	F 20
S 21	13 38 22	25°49'56	22°30	29°38	19° 6	27°44	16°34	8°23	24°29	16° 2	13°59	27°30	26°17	15° 2	n.a.	S 21
S 22	13 42 18	26°47'28	7♊31	1♉49	20°17	28°18	16°38	8°31	24°32	16° 0	14° 0	27°22	26°13	15° 8	n.a.	S 22
M23	13 46 15	27°44'58	22°12	3°59	21°27	28°52	16°41	8°38	24°36	15°59	14° 1	27°16	26°10	15°15	n.a.	M23
T 24	13 50 11	28°42'28	6♋30	6° 7	22°38	29°26	16°44	8°46	24°39	15°57	14° 3	27°12	26° 7	15°22	n.a.	T 24
W25	13 54 8	29°39'55	20°20	8°15	23°48	29°59	16°47	8°54	24°43	15°56	14° 4	27°10	26° 4	15°29	n.a.	W25
T 26	13 58 4	0♉37'21	3♌45	10°21	24°59	0♋34	16°50	9° 1	24°46	15°54	14° 5	27°D 9	26° 1	15°35	n.a.	T 26
F 27	14 2 1	1°34'46	16°47	12°25	26° 9	1° 8	16°53	9° 8	24°50	15°53	14° 7	27°10	25°58	15°42	n.a.	F 27
S 28	14 5 57	2°32'09	29°30	14°27	27°20	1°42	16°55	9°16	24°53	15°51	14° 8	27°R10	25°54	15°49	n.a.	S 28
S 29	14 9 54	3°29'31	11♍56	16°27	28°31	2°17	16°58	9°23	24°56	15°49	14° 9	27° 9	25°51	15°55	n.a.	S 29
M30	14 13 51	4♉26'52	24♍11	18♉25	29♓41	2♋51	17♑ 0	9♈31	25♈ 0	15♏48	14♉11	27♌ 6	25♌48	16♏ 2	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n39	11n 3	0n19	6s30	2s15	13s58	0s58	24n51	1n48	23s18	0s24	0n13	2s18	8n45	0s27	15s16	1n47	6n41	9s52	12n 0	12n33	11s 7		n.a.
M 2	3 2	7 21	1 26	5 43	2 10	13 37	1 1	24 53	1 47	23 18	0 24	0 16	2 18	8 46	0 27	15 15	1 47	6 42	9 52	12 1	12 34	11 9		n.a.
T 3	3 25	3 24	2 27	4 55	2 5	13 16	1 4	24 56	1 47	23 17	0 25	0 19	2 18	8 47	0 27	15 15	1 47	6 42	9 52	12 2	12 35	11 11		n.a.
W 4	3 48	0s39	3 21	4 6	1 59	12 54	1 7	24 59	1 46	23 16	0 25	0 23	2 18	8 49	0 27	15 15	1 47	6 43	9 52	12 3	12 36	11 13		n.a.
T 5	4 11	4 38	4 6	3 15	1 53	12 32	1 10	25 1	1 46	23 16	0 25	0 26	2 18	8 50	0 27	15 14	1 47	6 43	9 51	12 6	12 37	11 14		n.a.
F 6	4 34	8 24	4 39	2 23	1 47	12 9	1 12	25 3	1 46	23 15	0 25	0 29	2 18	8 51	0 27	15 14	1 47	6 43	9 51	12 8	12 38	11 16		n.a.
S 7	4 57	11 49	5 0	1 29	1 39	11 46	1 15	25 6	1 45	23 15	0 25	0 32	2 19	8 53	0 27	15 13	1 47	6 44	9 51	12 11	12 39	11 18		n.a.
S 8	5 20	14 45	5 8	0 35	1 32	11 23	1 17	25 8	1 45	23 14	0 26	0 35	2 19	8 54	0 27	15 13	1 47	6 44	9 51	12 14	12 40	11 20		n.a.
M 9	5 42	17 5	5 3	0n21	1 24	10 59	1 20	25 10	1 44	23 14	0 26	0 38	2 19	8 55	0 27	15 13	1 47	6 45	9 51	12 16	12 42	11 22		n.a.
T 10	6 5	18 42	4 44	1 17	1 15	10 36	1 22	25 11	1 44	23 13	0 26	0 41	2 19	8 56	0 27	15 12	1 47	6 45	9 51	12 18	12 43	11 23		n.a.
W11	6 27	19 29	4 13	2 15	1 6	10 11	1 24	25 13	1 43	23 13	0 26	0 44	2 19	8 58	0 27	15 12	1 47	6 46	9 51	12 19	12 44	11 25		n.a.
T 12	6 50	19 23	3 29	3 13	0 57	9 47	1 26	25 15	1 43	23 13	0 27	0 47	2 19	8 59	0 27	15 11	1 47	6 46	9 50	12 19	12 45	11 27		n.a.
F 13	7 12	18 19	2 35	4 12	0 47	9 22	1 28	25 16	1 43	23 12	0 27	0 50	2 19	9 0	0 27	15 11	1 47	6 47	9 50	12 19	12 46	11 29		n.a.
S 14	7 34	16 16	1 31	5 11	0 37	8 57	1 30	25 17	1 42	23 12	0 27	0 53	2 19	9 2	0 27	15 11	1 47	6 47	9 50	12 19	12 47	11 31		n.a.
S 15	7 56	13 18	0 20	6 11	0 27	8 32	1 32	25 18	1 42	23 11	0 27	0 56	2 19	9 3	0 27	15 10	1 47	6 48	9 50	12 19	12 48	11 32		n.a.
M16	8 18	9 29	0s54	7 10	0 16	8 6	1 34	25 19	1 41	23 11	0 27	0 59	2 19	9 4	0 27	15 10	1 47	6 48	9 50	12 19	12 49	11 34		n.a.
T 17	8 40	5 1	2 7	8 10	0 6	7 40	1 36	25 20	1 41	23 11	0 28	1 3	2 19	9 5	0 27	15 9	1 47	6 49	9 50	12 20	12 50	11 36		n.a.
W18	9 2	0 7	3 13	9 9	0n 5	7 14	1 37	25 21	1 41	23 10	0 28	1 6	2 19	9 7	0 27	15 9	1 47	6 49	9 50	12 21	12 51	11 38		n.a.
T 19	9 23	4n52	4 8	10 8	0 15	6 48	1 39	25 21	1 40	23 10	0 28	1 9	2 19	9 8	0 27	15 8	1 47	6 50	9 49	12 23	12 52	11 40		n.a.
F 20	9 45	9 37	4 46	11 6	0 26	6 22	1 40	25 22	1 40	23 10	0 28	1 11	2 19	9 9	0 27	15 8	1 47	6 50	9 49	12 26	12 54	11 41		n.a.
S 21	10 6	13 44	5 4	12 2	0 36	5 55	1 41	25 22	1 39	23 10	0 28	1 14	2 19	9 11	0 27	15 8	1 47	6 51	9 49	12 29	12 55	11 43		n.a.
S 22	10 27	16 54	5 0	12 58	0 46	5 28	1 43	25 22	1 39	23 9	0 29	1 17	2 19	9 12	0 27	15 7	1 47	6 51	9 49	12 32	12 56	11 45		n.a.
M23	10 48	18 54	4 37	13 52	0 56	5 1	1 44	25 22	1 38	23 9	0 29	1 20	2 19	9 13	0 27	15 7	1 47	6 52	9 49	12 34	12 57	11 47		n.a.
T 24	11 9	19 38	3 56	14 45	1 5	4 34	1 45	25 22	1 38	23 9	0 29	1 23	2 19	9 15	0 27	15 6	1 47	6 52	9 49	12 36	12 58	11 48		n.a.
W25	11 29	19 9	3 3	15 36	1 14	4 6	1 46	25 22	1 38	23 9	0 29	1 26	2 19	9 16	0 27	15 6	1 47	6 53	9 49	12 36	12 59	11 50		n.a.
T 26	11 50	17 35	2 2	16 25	1 23	3 39	1 47	25 21	1 37	23 9	0 30	1 29	2 19	9 17	0 27	15 5	1 47	6 53	9 49	12 36	13 0	11 52		n.a.
F 27	12 10	15 7	0 55	17 11	1 31	3 11	1 47	25 20	1 37	23 9	0 30	1 32	2 19	9 18	0 27	15 5	1 47	6 54	9 49	12 36	13 1	11 54		n.a.
S 28	12 30	11 59	0n12	17 56	1 38	2 43	1 48	25 20	1 36	23 9	0 30	1 35	2 20	9 20	0 27	15 4	1 47	6 54	9 49	12 36	13 2	11 55		n.a.
S 29	12 50	8 22	1 18	18 38	1 45	2 16	1 49	25 19	1 36	23 9	0 30	1 38	2 20	9 21	0 27	15 4	1 47	6 55	9 49	12 37	13 3	11 57		n.a.
M30	13n10	4n27	2n18	19n18	1n51	1s48	1s49	25n18	1n36	23s 9	0s30	1n41	2s20	9n22	0s27	15s 3	1n47	6n55	9s48	12n38	13n 4	11s59		n.a.

Julian Day Number = 1601346.5, Delta T = 03h58m58s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'39, Lahiri = - 8°29'39 Julian Calendar 1 Apr. 329 BCE == Greg. Calendar 27 March 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

MAY 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 17 47	5♉24'11	6♎17	20♉20	0♈52	3♋26	17♑ 1	9♈38	25♈ 3	15°R46	14♉12	27°R 0	25♌45	16♏ 9	n.a.	T 1
W 2	14 21 44	6°21'30	18°17	22°13	2° 3	4° 0	17° 3	9°45	25° 7	15♏45	14°14	26♌52	25°42	16°16	n.a.	W 2
T 3	14 25 40	7°18'47	0♏13	24° 4	3°14	4°35	17° 5	9°53	25°10	15°43	14°15	26°41	25°39	16°22	n.a.	T 3
F 4	14 29 37	8°16'04	12° 6	25°52	4°25	5° 9	17° 6	10° 0	25°14	15°42	14°16	26°29	25°35	16°29	n.a.	F 4
S 5	14 33 33	9°13'19	23°59	27°37	5°36	5°44	17° 7	10° 7	25°17	15°40	14°18	26°16	25°32	16°36	n.a.	S 5
S 6	14 37 30	10°10'34	5♐52	29°20	6°47	6°19	17° 8	10°14	25°20	15°38	14°19	26° 3	25°29	16°42	n.a.	S 6
M 7	14 41 26	11° 7'49	17°48	1♊ 0	7°58	6°54	17° 9	10°21	25°24	15°37	14°21	25°52	25°26	16°49	n.a.	M 7
T 8	14 45 23	12° 5'03	29°48	2°38	9° 9	7°28	17° 9	10°28	25°27	15°35	14°22	25°44	25°23	16°56	n.a.	T 8
W 9	14 49 20	13° 2'16	11♑55	4°13	10°20	8° 3	17°10	10°35	25°31	15°33	14°23	25°37	25°19	17° 3	n.a.	W 9
T 10	14 53 16	13°59'28	24°14	5°45	11°31	8°38	17°R10	10°42	25°34	15°32	14°25	25°34	25°16	17° 9	n.a.	T 10
F 11	14 57 13	14°56'41	6♒47	7°14	12°42	9°13	17°10	10°49	25°37	15°30	14°26	25°33	25°13	17°16	n.a.	F 11
S 12	15 1 9	15°53'53	19°40	8°40	13°53	9°48	17°10	10°56	25°41	15°29	14°27	25°32	25°10	17°23	n.a.	S 12
S 13	15 5 6	16°51'04	2♓56	10° 4	15° 5	10°24	17° 9	11° 3	25°44	15°27	14°29	25°32	25° 7	17°30	n.a.	S 13
M14	15 9 2	17°48'15	16°39	11°25	16°16	10°59	17° 9	11°10	25°47	15°25	14°30	25°31	25° 4	17°36	n.a.	M14
T 15	15 12 59	18°45'26	0♈51	12°43	17°27	11°34	17° 8	11°17	25°50	15°24	14°32	25°28	25° 0	17°43	n.a.	T 15
W16	15 16 55	19°42'37	15°29	13°58	18°39	12° 9	17° 7	11°24	25°54	15°22	14°33	25°22	24°57	17°50	n.a.	W16
T 17	15 20 52	20°39'47	0♉30	15°10	19°50	12°45	17° 6	11°30	25°57	15°21	14°34	25°14	24°54	17°56	n.a.	T 17
F 18	15 24 49	21°36'58	15°46	16°19	21° 2	13°20	17° 4	11°37	26° 0	15°19	14°36	25° 4	24°51	18° 3	n.a.	F 18
S 19	15 28 45	22°34'07	1♊ 5	17°25	22°13	13°56	17° 3	11°43	26° 3	15°17	14°37	24°53	24°48	18°10	n.a.	S 19
S 20	15 32 42	23°31'17	16°16	18°28	23°25	14°31	17° 1	11°50	26° 7	15°16	14°39	24°43	24°45	18°17	n.a.	S 20
M21	15 36 38	24°28'26	1♋ 9	19°28	24°37	15° 7	16°59	11°57	26°10	15°14	14°40	24°34	24°41	18°23	n.a.	M21
T 22	15 40 35	25°25'34	15°36	20°24	25°48	15°42	16°57	12° 3	26°13	15°13	14°41	24°28	24°38	18°30	n.a.	T 22
W23	15 44 31	26°22'42	29°35	21°16	27° 0	16°18	16°55	12° 9	26°16	15°11	14°43	24°25	24°35	18°37	n.a.	W23
T 24	15 48 28	27°19'50	13♌ 5	22° 6	28°12	16°54	16°52	12°16	26°19	15° 9	14°44	24°24	24°32	18°43	n.a.	T 24
F 25	15 52 24	28°16'56	26° 8	22°51	29°23	17°30	16°50	12°22	26°22	15° 8	14°45	24°23	24°29	18°50	n.a.	F 25
S 26	15 56 21	29°14'03	8♍49	23°33	0♉35	18° 6	16°47	12°28	26°25	15° 6	14°47	24°23	24°25	18°57	n.a.	S 26
S 27	16 0 18	0♊11'09	21°12	24°11	1°47	18°41	16°44	12°34	26°28	15° 5	14°48	24°22	24°22	19° 4	n.a.	S 27
M28	16 4 14	1° 8'14	3♎21	24°45	2°59	19°17	16°41	12°40	26°31	15° 3	14°49	24°19	24°19	19°10	n.a.	M28
T 29	16 8 11	2° 5'19	15°22	25°14	4°11	19°53	16°37	12°46	26°34	15° 2	14°51	24°13	24°16	19°17	n.a.	T 29
W30	16 12 7	3° 2'24	27°16	25°40	5°23	20°29	16°34	12°52	26°37	15° 0	14°52	24° 4	24°13	19°24	n.a.	W30
T 31	16 16 4	3♊59'29	9♏ 9	26♊ 1	6♉35	21♋ 6	16♑30	12♈58	26♈40	14♏59	14♉54	23♌53	24♌10	19♏31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n29	0n24	3n12	19n55	1n56	1s19	1s50	25n16	1n35	23s 8	0s31	1n43	2s20	9n24	0s27	15s 3	1n47	6n56	9s48	12n40	13n 6	12s 1			n.a.
W 2	13 48	3s37	3 56	20 30	2 1	0 51	1 50	25 15	1 35	23 8	0 31	1 46	2 20	9 25	0 27	15 3	1 47	6 56	9 48	12 43	13 7	12 3			n.a.
T 3	14 7	7 28	4 30	21 2	2 5	0 23	1 50	25 13	1 34	23 9	0 31	1 49	2 20	9 26	0 27	15 2	1 47	6 57	9 48	12 46	13 8	12 4			n.a.
F 4	14 26	11 2	4 52	21 32	2 8	0n 5	1 50	25 12	1 34	23 9	0 31	1 52	2 20	9 27	0 27	15 2	1 47	6 57	9 48	12 51	13 9	12 6			n.a.
S 5	14 45	14 9	5 1	22 0	2 11	0 34	1 51	25 10	1 33	23 9	0 32	1 55	2 20	9 29	0 27	15 1	1 47	6 57	9 48	12 55	13 10	12 8			n.a.
S 6	15 3	16 41	4 57	22 25	2 13	1 2	1 51	25 8	1 33	23 9	0 32	1 57	2 20	9 30	0 27	15 1	1 47	6 58	9 48	12 59	13 11	12 10			n.a.
M 7	15 21	18 31	4 40	22 47	2 14	1 30	1 50	25 5	1 33	23 9	0 32	2 0	2 20	9 31	0 27	15 0	1 47	6 58	9 48	13 3	13 12	12 11			n.a.
T 8	15 39	19 34	4 10	23 8	2 14	1 59	1 50	25 3	1 32	23 9	0 32	2 3	2 20	9 32	0 27	15 0	1 47	6 59	9 48	13 6	13 13	12 13			n.a.
W 9	15 57	19 43	3 29	23 26	2 14	2 27	1 50	25 1	1 32	23 9	0 33	2 5	2 21	9 34	0 27	14 59	1 47	6 59	9 48	13 8	13 14	12 15			n.a.
T 10	16 14	18 57	2 38	23 42	2 12	2 56	1 50	24 58	1 31	23 9	0 33	2 8	2 21	9 35	0 27	14 59	1 47	7 0	9 48	13 9	13 15	12 17			n.a.
F 11	16 31	17 14	1 38	23 56	2 10	3 24	1 49	24 55	1 31	23 10	0 33	2 11	2 21	9 36	0 27	14 58	1 47	7 0	9 48	13 10	13 16	12 18			n.a.
S 12	16 48	14 37	0 31	24 7	2 8	3 52	1 49	24 52	1 30	23 10	0 33	2 13	2 21	9 37	0 27	14 58	1 47	7 1	9 48	13 10	13 17	12 20			n.a.
S 13	17 5	11 9	0s39	24 17	2 4	4 21	1 48	24 49	1 30	23 10	0 34	2 16	2 21	9 38	0 27	14 57	1 47	7 1	9 48	13 10	13 19	12 22			n.a.
M14	17 21	7 0	1 49	24 25	2 0	4 49	1 48	24 46	1 30	23 11	0 34	2 19	2 21	9 40	0 27	14 57	1 47	7 1	9 48	13 10	13 20	12 24			n.a.
T 15	17 37	2 20	2 55	24 31	1 56	5 17	1 47	24 42	1 29	23 11	0 34	2 21	2 21	9 41	0 27	14 56	1 47	7 2	9 48	13 11	13 21	12 25			n.a.
W16	17 53	2n37	3 51	24 35	1 50	5 45	1 46	24 38	1 29	23 11	0 34	2 24	2 21	9 42	0 27	14 56	1 47	7 2	9 48	13 13	13 22	12 27			n.a.
T 17	18 8	7 32	4 33	24 37	1 44	6 14	1 46	24 35	1 28	23 12	0 34	2 26	2 22	9 43	0 27	14 56	1 47	7 3	9 48	13 16	13 23	12 29			n.a.
F 18	18 23	12 2	4 57	24 38	1 37	6 41	1 45	24 31	1 28	23 12	0 35	2 29	2 22	9 44	0 27	14 55	1 47	7 3	9 48	13 20	13 24	12 31			n.a.
S 19	18 38	15 45	4 59	24 37	1 29	7 9	1 44	24 27	1 27	23 13	0 35	2 31	2 22	9 46	0 27	14 55	1 47	7 3	9 48	13 23	13 25	12 32			n.a.
S 20	18 53	18 23	4 40	24 34	1 21	7 37	1 43	24 22	1 27	23 13	0 35	2 34	2 22	9 47	0 27	14 54	1 47	7 4	9 48	13 27	13 26	12 34			n.a.
M21	19 7	19 42	4 2	24 30	1 12	8 5	1 41	24 18	1 26	23 13	0 35	2 36	2 22	9 48	0 27	14 54	1 47	7 4	9 48	13 29	13 27	12 36			n.a.
T 22	19 21	19 40	3 10	24 25	1 3	8 32	1 40	24 13	1 26	23 14	0 36	2 38	2 22	9 49	0 27	14 53	1 47	7 5	9 48	13 32	13 28	12 38			n.a.
W23	19 35	18 25	2 7	24 19	0 52	8 59	1 39	24 8	1 26	23 15	0 36	2 41	2 23	9 50	0 27	14 53	1 47	7 5	9 48	13 33	13 29	12 39			n.a.
T 24	19 48	16 9	0 59	24 11	0 42	9 27	1 38	24 3	1 25	23 15	0 36	2 43	2 23	9 51	0 27	14 52	1 47	7 5	9 48	13 33	13 30	12 41			n.a.
F 25	20 1	13 6	0n 9	24 2	0 30	9 53	1 36	23 58	1 25	23 16	0 36	2 45	2 23	9 53	0 27	14 52	1 47	7 6	9 48	13 33	13 31	12 43			n.a.
S 26	20 14	9 32	1 16	23 53	0 18	10 20	1 35	23 53	1 24	23 16	0 37	2 48	2 23	9 54	0 27	14 51	1 47	7 6	9 48	13 33	13 32	12 45			n.a.
S 27	20 26	5 37	2 17	23 42	0 6	10 47	1 33	23 48	1 24	23 17	0 37	2 50	2 23	9 55	0 27	14 51	1 47	7 7	9 48	13 34	13 34	12 46			n.a.
M28	20 38	1 33	3 10	23 30	0s 7	11 13	1 32	23 42	1 23	23 17	0 37	2 52	2 23	9 56	0 27	14 51	1 47	7 7	9 48	13 35	13 35	12 48			n.a.
T 29	20 50	2s31	3 55	23 18	0 21	11 39	1 30	23 36	1 23	23 18	0 37	2 54	2 24	9 57	0 27	14 50	1 47	7 7	9 48	13 37	13 36	12 50			n.a.
W30	21 1	6 27	4 29	23 5	0 35	12 5	1 29	23 30	1 22	23 19	0 38	2 57	2 24	9 58	0 27	14 50	1 47	7 8	9 48	13 40	13 37	12 51			n.a.
T 31	21n12	10s 8	4n51	22n51	0s50	12n31	1s27	23n24	1n22	23s20	0s38	2n59	2s24	9n59	0s27	14s49	1n47	7n 8	9s48	13n43	13n38	12s53			n.a.

Julian Day Number = 1601376.5, Delta T = 03h58m57s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'35, Lahiri = - 8°29'35 Julian Calendar 1 May 329 BCE == Greg. Calendar 26 Apr. 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

JUNE 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 20 0	4♊56'34	21♏ 1	26♊18	7♉47	21♋42	16°R26	13♈ 4	26♈43	14°R57	14♉55	23°R40	24♌ 6	19♏37	n.a.	F 1
S 2	16 23 57	5°53'39	2♐55	26°30	8°59	22°18	16♑22	13°10	26°46	14♏56	14°56	23♌27	24° 3	19°44	n.a.	S 2
S 3	16 27 53	6°50'44	14°52	26°37	10°11	22°54	16°18	13°16	26°49	14°54	14°57	23°14	24° 0	19°51	n.a.	S 3
M 4	16 31 50	7°47'49	26°54	26°R40	11°23	23°30	16°13	13°21	26°52	14°53	14°59	23° 3	23°57	19°57	n.a.	M 4
T 5	16 35 47	8°44'54	9♑ 1	26°38	12°35	24° 7	16° 9	13°27	26°54	14°51	15° 0	22°53	23°54	20° 4	n.a.	T 5
W 6	16 39 43	9°42'00	21°16	26°31	13°47	24°43	16° 4	13°32	26°57	14°50	15° 1	22°47	23°50	20°11	n.a.	W 6
T 7	16 43 40	10°39'06	3♒41	26°20	14°59	25°20	15°59	13°38	27° 0	14°48	15° 3	22°43	23°47	20°18	n.a.	T 7
F 8	16 47 36	11°36'13	16°19	26° 5	16°12	25°56	15°54	13°43	27° 3	14°47	15° 4	22°42	23°44	20°24	n.a.	F 8
S 9	16 51 33	12°33'20	29°14	25°45	17°24	26°33	15°49	13°49	27° 5	14°46	15° 5	22°D42	23°41	20°31	n.a.	S 9
S 10	16 55 29	13°30'28	12♓28	25°20	18°36	27° 9	15°43	13°54	27° 8	14°44	15° 6	22°R42	23°38	20°38	n.a.	S 10
M11	16 59 26	14°27'36	26° 6	24°53	19°49	27°46	15°38	13°59	27°11	14°43	15° 8	22°42	23°35	20°45	n.a.	M11
T 12	17 3 23	15°24'45	10♈ 7	24°21	21° 1	28°23	15°32	14° 4	27°13	14°41	15° 9	22°39	23°31	20°51	n.a.	T 12
W13	17 7 19	16°21'55	24°34	23°47	22°14	28°59	15°26	14° 9	27°16	14°40	15°10	22°35	23°28	20°58	n.a.	W13
T 14	17 11 16	17°19'05	9♉22	23°10	23°26	29°36	15°20	14°14	27°18	14°39	15°11	22°28	23°25	21° 5	n.a.	T 14
F 15	17 15 12	18°16'17	24°25	22°31	24°39	0♌13	15°14	14°19	27°21	14°38	15°13	22°20	23°22	21°11	n.a.	F 15
S 16	17 19 9	19°13'29	9♊35	21°51	25°51	0°50	15° 8	14°24	27°23	14°36	15°14	22°10	23°19	21°18	n.a.	S 16
S 17	17 23 5	20°10'41	24°40	21°11	27° 4	1°27	15° 2	14°28	27°26	14°35	15°15	22° 2	23°16	21°25	n.a.	S 17
M18	17 27 2	21° 7'55	9♋32	20°30	28°17	2° 4	14°55	14°33	27°28	14°34	15°16	21°54	23°12	21°32	n.a.	M18
T 19	17 30 58	22° 5'08	24° 2	19°51	29°29	2°41	14°49	14°38	27°30	14°33	15°17	21°49	23° 9	21°38	n.a.	T 19
W20	17 34 55	23° 2'23	8♌ 5	19°13	0♊42	3°18	14°42	14°42	27°33	14°31	15°18	21°46	23° 6	21°45	n.a.	W20
T 21	17 38 52	23°59'37	21°40	18°37	1°55	3°55	14°35	14°46	27°35	14°30	15°20	21°D45	23° 3	21°52	n.a.	T 21
F 22	17 42 48	24°56'52	4♍48	18° 3	3° 8	4°32	14°29	14°51	27°37	14°29	15°21	21°46	23° 0	21°58	n.a.	F 22
S 23	17 46 45	25°54'08	17°32	17°34	4°20	5°10	14°22	14°55	27°39	14°28	15°22	21°47	22°56	22° 5	n.a.	S 23
S 24	17 50 41	26°51'24	29°57	17° 8	5°33	5°47	14°15	14°59	27°42	14°27	15°23	21°R47	22°53	22°12	n.a.	S 24
M25	17 54 38	27°48'40	12♎ 6	16°47	6°46	6°24	14° 7	15° 3	27°44	14°26	15°24	21°46	22°50	22°19	n.a.	M25
T 26	17 58 34	28°45'57	24° 6	16°31	7°59	7° 2	14° 0	15° 7	27°46	14°25	15°25	21°43	22°47	22°25	n.a.	T 26
W27	18 2 31	29°43'15	5♏59	16°21	9°12	7°39	13°53	15°11	27°48	14°24	15°26	21°37	22°44	22°32	n.a.	W27
T 28	18 6 27	0♋40'34	17°51	16°D16	10°25	8°17	13°46	15°15	27°50	14°23	15°27	21°30	22°41	22°39	n.a.	T 28
F 29	18 10 24	1°37'53	29°45	16°17	11°38	8°54	13°38	15°18	27°52	14°22	15°28	21°22	22°37	22°46	n.a.	F 29
S 30	18 14 21	2♋35'13	11♐42	16♊25	12♊51	9♌32	13♑31	15♈22	27♈54	14♏21	15♉29	21♌13	22♌34	22♏52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n23	13s25	5n 0	22n36	1s 4	12n56	1s25	23n18	1n22	23s20	0s38	3n 1	2s24	10n 0	0s27	14s49	1n47	7n 8	9s48	13n48	13n39	12s55		n.a.
S 2	21 33	16 9	4 56	22 22	1 19	13 21	1 23	23 12	1 21	23 21	0 38	3 3	2 24	10 1	0 27	14 49	1 47	7 9	9 48	13 52	13 40	12 57		n.a.
S 3	21 43	18 14	4 39	22 7	1 35	13 46	1 21	23 5	1 21	23 22	0 39	3 5	2 24	10 2	0 27	14 48	1 47	7 9	9 48	13 56	13 41	12 58		n.a.
M 4	21 53	19 32	4 10	21 51	1 50	14 10	1 20	22 59	1 20	23 23	0 39	3 7	2 25	10 3	0 27	14 48	1 47	7 9	9 48	14 0	13 42	13 0		n.a.
T 5	22 2	19 56	3 29	21 36	2 6	14 34	1 18	22 52	1 20	23 23	0 39	3 9	2 25	10 4	0 27	14 47	1 47	7 10	9 48	14 3	13 43	13 2		n.a.
W 6	22 11	19 25	2 38	21 20	2 21	14 58	1 16	22 45	1 19	23 24	0 39	3 11	2 25	10 5	0 27	14 47	1 47	7 10	9 48	14 5	13 44	13 4		n.a.
T 7	22 19	17 58	1 39	21 4	2 37	15 22	1 14	22 37	1 19	23 25	0 39	3 13	2 25	10 6	0 27	14 47	1 47	7 10	9 48	14 7	13 45	13 5		n.a.
F 8	22 27	15 36	0 34	20 49	2 52	15 45	1 11	22 30	1 18	23 26	0 40	3 15	2 25	10 7	0 27	14 46	1 47	7 11	9 48	14 7	13 46	13 7		n.a.
S 9	22 35	12 25	0s35	20 34	3 6	16 8	1 9	22 23	1 18	23 27	0 40	3 17	2 26	10 8	0 27	14 46	1 47	7 11	9 48	14 7	13 47	13 9		n.a.
S 10	22 42	8 33	1 43	20 19	3 20	16 30	1 7	22 15	1 18	23 27	0 40	3 19	2 26	10 9	0 27	14 45	1 47	7 11	9 48	14 7	13 48	13 10		n.a.
M11	22 49	4 8	2 48	20 4	3 34	16 52	1 5	22 7	1 17	23 28	0 40	3 21	2 26	10 10	0 27	14 45	1 47	7 12	9 48	14 7	13 50	13 12		n.a.
T 12	22 55	0n38	3 44	19 51	3 46	17 13	1 3	21 59	1 17	23 29	0 41	3 22	2 26	10 11	0 27	14 45	1 47	7 12	9 48	14 8	13 51	13 14		n.a.
W13	23 1	5 29	4 28	19 38	3 58	17 35	1 0	21 51	1 16	23 30	0 41	3 24	2 26	10 12	0 27	14 44	1 47	7 12	9 48	14 9	13 52	13 16		n.a.
T 14	23 7	10 7	4 56	19 25	4 8	17 55	0 58	21 43	1 16	23 31	0 41	3 26	2 27	10 13	0 27	14 44	1 47	7 12	9 48	14 12	13 53	13 17		n.a.
F 15	23 12	14 12	5 3	19 14	4 17	18 16	0 56	21 35	1 15	23 32	0 41	3 27	2 27	10 14	0 27	14 44	1 47	7 13	9 48	14 14	13 54	13 19		n.a.
S 16	23 17	17 23	4 50	19 4	4 25	18 36	0 53	21 26	1 15	23 33	0 41	3 29	2 27	10 15	0 27	14 43	1 47	7 13	9 49	14 17	13 55	13 21		n.a.
S 17	23 22	19 22	4 16	18 56	4 31	18 55	0 51	21 17	1 14	23 34	0 42	3 31	2 27	10 15	0 27	14 43	1 47	7 13	9 49	14 20	13 56	13 22		n.a.
M18	23 26	19 58	3 25	18 48	4 36	19 14	0 49	21 8	1 14	23 35	0 42	3 32	2 28	10 16	0 27	14 43	1 46	7 13	9 49	14 23	13 57	13 24		n.a.
T 19	23 30	19 14	2 22	18 43	4 39	19 32	0 46	20 59	1 13	23 36	0 42	3 34	2 28	10 17	0 27	14 42	1 46	7 14	9 49	14 24	13 58	13 26		n.a.
W20	23 33	17 18	1 12	18 38	4 40	19 50	0 44	20 50	1 13	23 37	0 42	3 35	2 28	10 18	0 27	14 42	1 46	7 14	9 49	14 25	13 59	13 27		n.a.
T 21	23 36	14 27	0 0	18 36	4 40	20 8	0 41	20 41	1 12	23 38	0 43	3 37	2 28	10 19	0 27	14 42	1 46	7 14	9 49	14 26	14 0	13 29		n.a.
F 22	23 38	10 56	1n 9	18 35	4 37	20 24	0 39	20 31	1 12	23 39	0 43	3 38	2 28	10 20	0 28	14 41	1 46	7 14	9 49	14 25	14 1	13 31		n.a.
S 23	23 40	7 2	2 14	18 36	4 34	20 41	0 36	20 22	1 12	23 40	0 43	3 40	2 29	10 20	0 28	14 41	1 46	7 15	9 49	14 25	14 2	13 33		n.a.
S 24	23 42	2 55	3 10	18 39	4 29	20 56	0 34	20 12	1 11	23 41	0 43	3 41	2 29	10 21	0 28	14 41	1 46	7 15	9 49	14 25	14 3	13 34		n.a.
M25	23 43	1s13	3 56	18 43	4 22	21 12	0 31	20 2	1 11	23 41	0 43	3 43	2 29	10 22	0 28	14 41	1 46	7 15	9 49	14 25	14 4	13 36		n.a.
T 26	23 44	5 15	4 32	18 50	4 14	21 26	0 29	19 52	1 10	23 42	0 44	3 44	2 29	10 23	0 28	14 40	1 46	7 15	9 49	14 26	14 5	13 38		n.a.
W27	23 44	9 2	4 55	18 58	4 5	21 40	0 26	19 42	1 10	23 43	0 44	3 45	2 30	10 23	0 28	14 40	1 46	7 15	9 50	14 28	14 6	13 39		n.a.
T 28	23 44	12 28	5 6	19 8	3 54	21 54	0 23	19 32	1 9	23 44	0 44	3 46	2 30	10 24	0 28	14 40	1 46	7 16	9 50	14 31	14 7	13 41		n.a.
F 29	23 43	15 25	5 3	19 19	3 43	22 7	0 21	19 21	1 9	23 45	0 44	3 48	2 30	10 25	0 28	14 40	1 46	7 16	9 50	14 33	14 8	13 43		n.a.
S 30	23n42	17s43	4n47	19n32	3s31	22n19	0s18	19n11	1n 8	23s46	0s44	3n49	2s30	10n25	0s28	14s39	1n46	7n16	9s50	14n36	14n10	13s44		n.a.

Julian Day Number = 1601407.5, Delta T = 03h58m56s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'31, Lahiri = - 8°29'30 Julian Calendar 1 June 329 BCE == Greg. Calendar 27 May 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

JULY 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 18 17	3♋32'35	23♐46	16♊38	14♊ 4	10♌ 9	13°R23	15♈25	27♈56	14°R20	15♉30	21°R 4	22♌31	22♏59	n.a.	S 1
M 2	18 22 14	4°29'57	5♑57	16°58	15°18	10°47	13♑15	15°29	27°57	14♏19	15°31	20♌56	22°28	23° 6	n.a.	M 2
T 3	18 26 10	5°27'20	18°16	17°25	16°31	11°25	13° 8	15°32	27°59	14°18	15°32	20°50	22°25	23°12	n.a.	T 3
W 4	18 30 7	6°24'44	0♒45	17°58	17°44	12° 3	13° 0	15°35	28° 1	14°17	15°33	20°46	22°22	23°19	n.a.	W 4
T 5	18 34 3	7°22'10	13°24	18°37	18°57	12°40	12°52	15°38	28° 3	14°17	15°34	20°44	22°18	23°26	n.a.	T 5
F 6	18 38 0	8°19'37	26°16	19°23	20°11	13°18	12°45	15°41	28° 4	14°16	15°35	20°D44	22°15	23°33	n.a.	F 6
S 7	18 41 56	9°17'05	9♓21	20°15	21°24	13°56	12°37	15°44	28° 6	14°15	15°36	20°45	22°12	23°39	n.a.	S 7
S 8	18 45 53	10°14'35	22°42	21°13	22°37	14°34	12°29	15°47	28° 7	14°14	15°37	20°46	22° 9	23°46	n.a.	S 8
M 9	18 49 50	11°12'06	6♈20	22°17	23°51	15°12	12°21	15°50	28° 9	14°14	15°38	20°R47	22° 6	23°53	n.a.	M 9
T 10	18 53 46	12° 9'39	20°17	23°27	25° 4	15°50	12°13	15°52	28°10	14°13	15°38	20°47	22° 2	24° 0	n.a.	T 10
W11	18 57 43	13° 7'13	4♉31	24°42	26°18	16°28	12° 5	15°55	28°12	14°12	15°39	20°46	21°59	24° 6	n.a.	W11
T 12	19 1 39	14° 4'49	19° 2	26° 3	27°31	17° 7	11°58	15°57	28°13	14°12	15°40	20°42	21°56	24°13	n.a.	T 12
F 13	19 5 36	15° 2'27	3♊44	27°29	28°45	17°45	11°50	16° 0	28°15	14°11	15°41	20°38	21°53	24°20	n.a.	F 13
S 14	19 9 32	16° 0'06	18°32	29° 0	29°59	18°23	11°42	16° 2	28°16	14°10	15°42	20°33	21°50	24°26	n.a.	S 14
S 15	19 13 29	16°57'47	3♋18	0♋36	1♋12	19° 1	11°34	16° 4	28°17	14°10	15°42	20°28	21°47	24°33	n.a.	S 15
M16	19 17 26	17°55'30	17°54	2°15	2°26	19°40	11°27	16° 6	28°18	14° 9	15°43	20°24	21°43	24°40	n.a.	M16
T 17	19 21 22	18°53'14	2♌14	3°59	3°40	20°18	11°19	16° 8	28°20	14° 9	15°44	20°21	21°40	24°47	n.a.	T 17
W18	19 25 19	19°50'59	16°12	5°46	4°54	20°57	11°11	16°10	28°21	14° 8	15°45	20°D20	21°37	24°53	n.a.	W18
T 19	19 29 15	20°48'45	29°46	7°35	6° 7	21°35	11° 3	16°12	28°22	14° 8	15°45	20°20	21°34	25° 0	n.a.	T 19
F 20	19 33 12	21°46'33	12♍55	9°27	7°21	22°14	10°56	16°13	28°23	14° 8	15°46	20°22	21°31	25° 7	n.a.	F 20
S 21	19 37 8	22°44'23	25°42	11°22	8°35	22°52	10°48	16°15	28°24	14° 7	15°47	20°23	21°28	25°14	n.a.	S 21
S 22	19 41 5	23°42'13	8♎10	13°18	9°49	23°31	10°41	16°16	28°25	14° 7	15°47	20°25	21°24	25°20	n.a.	S 22
M23	19 45 1	24°40'05	20°22	15°15	11° 3	24°10	10°34	16°17	28°25	14° 7	15°48	20°R26	21°21	25°27	n.a.	M23
T 24	19 48 58	25°37'58	2♏22	17°13	12°17	24°49	10°26	16°19	28°26	14° 6	15°48	20°25	21°18	25°34	n.a.	T 24
W25	19 52 54	26°35'53	14°17	19°12	13°31	25°27	10°19	16°20	28°27	14° 6	15°49	20°24	21°15	25°40	n.a.	W25
T 26	19 56 51	27°33'49	26°10	21°12	14°45	26° 6	10°12	16°21	28°28	14° 6	15°50	20°22	21°12	25°47	n.a.	T 26
F 27	20 0 48	28°31'46	8♐ 5	23°11	15°59	26°45	10° 5	16°21	28°28	14° 6	15°50	20°19	21° 8	25°54	n.a.	F 27
S 28	20 4 44	29°29'45	20° 7	25°10	17°13	27°24	9°58	16°22	28°29	14° 6	15°51	20°16	21° 5	26° 1	n.a.	S 28
S 29	20 8 41	0♌27'46	2♑17	27° 9	18°28	28° 3	9°51	16°23	28°30	14° 6	15°51	20°13	21° 2	26° 7	n.a.	S 29
M30	20 12 37	1°25'48	14°37	29° 7	19°42	28°42	9°44	16°23	28°30	14° 6	15°52	20°10	20°59	26°14	n.a.	M30
T 31	20 16 34	2♌23'52	27♑11	1♌ 4	20♋56	29♌21	9♑37	16♈24	28♈31	14°D 6	15♉52	20♌ 8	20♌56	26♏21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n41	19s17	4n19	19n47	3s18	22n31	0s16	19n 0	1n 8	23s47	0s44	3n50	2s31	10n26	0s28	14s39	1n46	7n16	9s50	14n39	14n11	13s46			n.a.
M 2	23 39	19 58	3 38	20 2	3 4	22 42	0 13	18 49	1 7	23 48	0 45	3 51	2 31	10 27	0 28	14 39	1 46	7 16	9 50	14 42	14 12	13 48			n.a.
T 3	23 37	19 43	2 46	20 19	2 50	22 52	0 11	18 38	1 7	23 49	0 45	3 52	2 31	10 27	0 28	14 39	1 46	7 16	9 50	14 44	14 13	13 49			n.a.
W 4	23 35	18 31	1 46	20 36	2 35	23 2	0 8	18 27	1 6	23 50	0 45	3 53	2 31	10 28	0 28	14 38	1 46	7 17	9 50	14 45	14 14	13 51			n.a.
T 5	23 31	16 22	0 40	20 55	2 20	23 11	0 5	18 16	1 6	23 51	0 45	3 54	2 32	10 29	0 28	14 38	1 46	7 17	9 50	14 45	14 15	13 53			n.a.
F 6	23 28	13 23	0s30	21 14	2 5	23 19	0 3	18 4	1 5	23 52	0 45	3 55	2 32	10 29	0 28	14 38	1 46	7 17	9 51	14 45	14 16	13 54			n.a.
S 7	23 24	9 41	1 39	21 33	1 49	23 27	0 0	17 53	1 5	23 53	0 45	3 56	2 32	10 30	0 28	14 38	1 46	7 17	9 51	14 45	14 17	13 56			n.a.
S 8	23 20	5 27	2 45	21 52	1 34	23 34	0n 2	17 41	1 4	23 54	0 46	3 57	2 32	10 30	0 28	14 38	1 45	7 17	9 51	14 45	14 18	13 58			n.a.
M 9	23 15	0 51	3 42	22 11	1 19	23 40	0 5	17 29	1 4	23 55	0 46	3 58	2 33	10 31	0 28	14 38	1 45	7 17	9 51	14 44	14 19	13 59			n.a.
T 10	23 10	3n53	4 28	22 30	1 4	23 46	0 7	17 17	1 3	23 55	0 46	3 58	2 33	10 31	0 28	14 37	1 45	7 17	9 51	14 44	14 20	14 1			n.a.
W11	23 5	8 30	4 59	22 49	0 49	23 51	0 10	17 5	1 3	23 56	0 46	3 59	2 33	10 32	0 28	14 37	1 45	7 17	9 51	14 45	14 21	14 3			n.a.
T 12	22 59	12 43	5 11	23 6	0 35	23 55	0 12	16 53	1 2	23 57	0 46	4 0	2 33	10 32	0 28	14 37	1 45	7 18	9 51	14 46	14 22	14 4			n.a.
F 13	22 52	16 12	5 3	23 22	0 21	23 58	0 15	16 41	1 2	23 58	0 46	4 0	2 34	10 33	0 28	14 37	1 45	7 18	9 52	14 47	14 23	14 6			n.a.
S 14	22 46	18 40	4 35	23 37	0 7	24 1	0 17	16 28	1 1	23 59	0 46	4 1	2 34	10 33	0 28	14 37	1 45	7 18	9 52	14 49	14 24	14 8			n.a.
S 15	22 38	19 53	3 49	23 50	0n 6	24 3	0 20	16 16	1 1	24 0	0 47	4 2	2 34	10 34	0 28	14 37	1 45	7 18	9 52	14 51	14 25	14 9			n.a.
M16	22 31	19 45	2 48	24 1	0 18	24 5	0 22	16 3	1 0	24 1	0 47	4 2	2 35	10 34	0 28	14 37	1 45	7 18	9 52	14 52	14 26	14 11			n.a.
T 17	22 23	18 19	1 37	24 10	0 30	24 5	0 24	15 50	1 0	24 1	0 47	4 3	2 35	10 35	0 28	14 37	1 45	7 18	9 52	14 53	14 27	14 13			n.a.
W18	22 15	15 49	0 23	24 17	0 41	24 5	0 27	15 38	0 59	24 2	0 47	4 3	2 35	10 35	0 28	14 37	1 45	7 18	9 52	14 53	14 28	14 14			n.a.
T 19	22 6	12 30	0n51	24 22	0 51	24 4	0 29	15 25	0 59	24 3	0 47	4 3	2 35	10 35	0 28	14 37	1 45	7 18	9 52	14 53	14 29	14 16			n.a.
F 20	21 57	8 38	2 1	24 24	1 0	24 3	0 31	15 11	0 58	24 4	0 47	4 4	2 36	10 36	0 28	14 36	1 45	7 18	9 53	14 53	14 30	14 18			n.a.
S 21	21 47	4 30	3 2	24 23	1 9	24 1	0 34	14 58	0 58	24 4	0 47	4 4	2 36	10 36	0 28	14 36	1 45	7 18	9 53	14 52	14 31	14 19			n.a.
S 22	21 37	0 17	3 53	24 19	1 16	23 58	0 36	14 45	0 57	24 5	0 47	4 4	2 36	10 36	0 28	14 36	1 45	7 18	9 53	14 52	14 32	14 21			n.a.
M23	21 27	3s51	4 32	24 13	1 23	23 54	0 38	14 31	0 57	24 6	0 48	4 5	2 36	10 37	0 28	14 36	1 45	7 18	9 53	14 51	14 33	14 23			n.a.
T 24	21 17	7 46	4 59	24 5	1 29	23 49	0 40	14 18	0 56	24 6	0 48	4 5	2 37	10 37	0 28	14 36	1 45	7 18	9 53	14 51	14 34	14 24			n.a.
W25	21 6	11 21	5 12	23 53	1 34	23 44	0 42	14 4	0 56	24 7	0 48	4 5	2 37	10 37	0 28	14 36	1 44	7 18	9 53	14 52	14 36	14 26			n.a.
T 26	20 54	14 28	5 13	23 39	1 38	23 38	0 44	13 50	0 55	24 8	0 48	4 5	2 37	10 37	0 28	14 36	1 44	7 18	9 54	14 53	14 37	14 27			n.a.
F 27	20 42	17 0	4 59	23 23	1 41	23 32	0 46	13 36	0 55	24 8	0 48	4 5	2 38	10 38	0 28	14 36	1 44	7 18	9 54	14 53	14 38	14 29			n.a.
S 28	20 30	18 49	4 33	23 4	1 44	23 25	0 48	13 22	0 54	24 9	0 48	4 5	2 38	10 38	0 28	14 36	1 44	7 18	9 54	14 55	14 39	14 31			n.a.
S 29	20 18	19 49	3 54	22 43	1 46	23 17	0 50	13 8	0 54	24 10	0 48	4 5	2 38	10 38	0 28	14 36	1 44	7 18	9 54	14 56	14 40	14 32			n.a.
M30	20 5	19 53	3 3	22 20	1 47	23 8	0 52	12 54	0 53	24 10	0 48	4 5	2 38	10 38	0 28	14 36	1 44	7 18	9 54	14 56	14 41	14 34			n.a.
T 31	19n52	18s58	2n 3	21n55	1n47	22n58	0n54	12n40	0n53	24s11	0s48	4n 5	2s39	10n38	0s28	14s37	1n44	7n18	9s54	14n57	14n42	14s36			n.a.

Julian Day Number = 1601437.5, Delta T = 03h58m55s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'27, Lahiri = - 8°29'26 Julian Calendar 1 July 329 BCE == Greg. Calendar 26 June 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

AUGUST 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 20 30	3♌21'58	9♒57	3♌ 1	22♋10	0♍ 1	9°R31	16♈24	28♈31	14♏ 6	15♉52	20°R 7	20♌53	26♏27	n.a.	W 1
T 2	20 24 27	4°20'06	22°57	4°57	23°24	0°40	9♑24	16°24	28°31	14° 6	15°53	20°D 6	20°49	26°34	n.a.	T 2
F 3	20 28 23	5°18'15	6♓10	6°51	24°39	1°19	9°18	16°R24	28°32	14° 6	15°53	20♌ 7	20°46	26°41	n.a.	F 3
S 4	20 32 20	6°16'26	19°36	8°45	25°53	1°58	9°12	16°24	28°32	14° 6	15°54	20° 8	20°43	26°48	n.a.	S 4
S 5	20 36 17	7°14'40	3♈15	10°38	27° 8	2°38	9° 6	16°24	28°32	14° 6	15°54	20° 9	20°40	26°54	n.a.	S 5
M 6	20 40 13	8°12'56	17° 5	12°29	28°22	3°17	9° 0	16°24	28°32	14° 6	15°54	20°10	20°37	27° 1	n.a.	M 6
T 7	20 44 10	9°11'13	1♉ 5	14°20	29°36	3°57	8°54	16°24	28°32	14° 6	15°55	20°10	20°34	27° 8	n.a.	T 7
W 8	20 48 6	10° 9'33	15°15	16° 9	0♌51	4°36	8°49	16°23	28°32	14° 7	15°55	20°R11	20°30	27°15	n.a.	W 8
T 9	20 52 3	11° 7'56	29°32	17°57	2° 5	5°16	8°43	16°23	28°R32	14° 7	15°55	20°10	20°27	27°21	n.a.	T 9
F 10	20 55 59	12° 6'20	13♊53	19°44	3°20	5°55	8°38	16°22	28°32	14° 7	15°55	20° 9	20°24	27°28	n.a.	F 10
S 11	20 59 56	13° 4'47	28°15	21°30	4°35	6°35	8°32	16°21	28°32	14° 7	15°56	20° 9	20°21	27°35	n.a.	S 11
S 12	21 3 52	14° 3'17	12♋33	23°15	5°49	7°15	8°27	16°20	28°32	14° 8	15°56	20° 8	20°18	27°41	n.a.	S 12
M13	21 7 49	15° 1'48	26°43	24°59	7° 4	7°55	8°23	16°19	28°32	14° 8	15°56	20° 7	20°14	27°48	n.a.	M13
T 14	21 11 46	16° 0'21	10♌41	26°41	8°18	8°35	8°18	16°18	28°32	14° 9	15°56	20° 7	20°11	27°55	n.a.	T 14
W15	21 15 42	16°58'57	24°23	28°23	9°33	9°15	8°13	16°17	28°31	14° 9	15°56	20°D 7	20° 8	28° 2	n.a.	W15
T 16	21 19 39	17°57'34	7♍47	0♍ 3	10°48	9°54	8° 9	16°16	28°31	14°10	15°56	20° 7	20° 5	28° 8	n.a.	T 16
F 17	21 23 35	18°56'13	20°51	1°42	12° 3	10°34	8° 5	16°14	28°31	14°10	15°57	20° 7	20° 2	28°15	n.a.	F 17
S 18	21 27 32	19°54'54	3♎36	3°21	13°17	11°15	8° 1	16°13	28°30	14°11	15°57	20°R 7	19°59	28°22	n.a.	S 18
S 19	21 31 28	20°53'37	16° 4	4°58	14°32	11°55	7°57	16°11	28°30	14°11	15°57	20° 7	19°55	28°29	n.a.	S 19
M20	21 35 25	21°52'22	28°17	6°34	15°47	12°35	7°53	16° 9	28°29	14°12	15°57	20° 7	19°52	28°35	n.a.	M20
T 21	21 39 21	22°51'09	10♏19	8°10	17° 2	13°15	7°50	16° 8	28°29	14°13	15°R57	20° 7	19°49	28°42	n.a.	T 21
W22	21 43 18	23°49'57	22°14	9°44	18°17	13°55	7°46	16° 6	28°28	14°13	15°57	20°D 7	19°46	28°49	n.a.	W22
T 23	21 47 14	24°48'48	4♐ 7	11°18	19°32	14°36	7°43	16° 4	28°27	14°14	15°57	20° 7	19°43	28°55	n.a.	T 23
F 24	21 51 11	25°47'40	16° 3	12°50	20°46	15°16	7°40	16° 1	28°27	14°15	15°57	20° 7	19°39	29° 2	n.a.	F 24
S 25	21 55 8	26°46'34	28° 5	14°21	22° 1	15°56	7°37	15°59	28°26	14°15	15°56	20° 8	19°36	29° 9	n.a.	S 25
S 26	21 59 4	27°45'30	10♑19	15°52	23°16	16°37	7°35	15°57	28°25	14°16	15°56	20° 9	19°33	29°16	n.a.	S 26
M27	22 3 1	28°44'28	22°47	17°21	24°31	17°17	7°32	15°54	28°24	14°17	15°56	20° 9	19°30	29°22	n.a.	M27
T 28	22 6 57	29°43'28	5♒32	18°50	25°46	17°58	7°30	15°52	28°23	14°18	15°56	20°10	19°27	29°29	n.a.	T 28
W29	22 10 54	0♍42'30	18°35	20°18	27° 1	18°39	7°28	15°49	28°22	14°19	15°56	20°R10	19°24	29°36	n.a.	W29
T 30	22 14 50	1°41'34	1♓56	21°44	28°16	19°19	7°26	15°47	28°21	14°20	15°56	20°10	19°20	29°42	n.a.	T 30
F 31	22 18 47	2♍40'40	15♓35	23♍10	29♌31	20♍ 0	7♑25	15♈44	28♈20	14♏21	15♉56	20♌ 9	19♌17	29♏49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	19n38	17s 5	0n56	21n28	1n47	22n48	0n56	12n25	0n52	24s11	0s48	4n 5	2s39	10n38	0s28	14s37	1n44	7n18	9s55	14n57	14n43	14s37		n.a.	W 1
T 2	19 25	14 17	0s16	20 59	1 47	22 37	0 58	12 11	0 52	24 12	0 48	4 5	2 39	10 39	0 28	14 37	1 44	7 18	9 55	14 58	14 44	14 39		n.a.	T 2
F 3	19 11	10 43	1 28	20 29	1 45	22 26	1 0	11 56	0 51	24 12	0 48	4 5	2 39	10 39	0 28	14 37	1 44	7 18	9 55	14 57	14 45	14 40		n.a.	F 3
S 4	18 56	6 33	2 36	19 57	1 43	22 14	1 1	11 41	0 51	24 13	0 48	4 4	2 40	10 39	0 28	14 37	1 44	7 18	9 55	14 57	14 46	14 42		n.a.	S 4
S 5	18 41	2 0	3 37	19 24	1 41	22 1	1 3	11 26	0 50	24 13	0 49	4 4	2 40	10 39	0 28	14 37	1 44	7 18	9 55	14 57	14 47	14 44		n.a.	S 5
M 6	18 26	2n42	4 25	18 50	1 38	21 48	1 4	11 12	0 50	24 14	0 49	4 4	2 40	10 39	0 28	14 37	1 44	7 18	9 55	14 56	14 48	14 45		n.a.	M 6
T 7	18 11	7 19	4 59	18 15	1 35	21 33	1 6	10 57	0 49	24 14	0 49	4 3	2 41	10 39	0 28	14 37	1 44	7 18	9 56	14 56	14 49	14 47		n.a.	T 7
W 8	17 55	11 35	5 15	17 38	1 31	21 19	1 7	10 41	0 49	24 15	0 49	4 3	2 41	10 39	0 28	14 37	1 44	7 18	9 56	14 56	14 50	14 49		n.a.	W 8
T 9	17 39	15 13	5 12	17 1	1 27	21 3	1 9	10 26	0 48	24 15	0 49	4 3	2 41	10 39	0 28	14 37	1 44	7 17	9 56	14 56	14 51	14 50		n.a.	T 9
F 10	17 22	17 57	4 50	16 23	1 23	20 47	1 10	10 11	0 47	24 16	0 49	4 2	2 41	10 39	0 28	14 38	1 43	7 17	9 56	14 57	14 52	14 52		n.a.	F 10
S 11	17 6	19 34	4 9	15 44	1 18	20 31	1 11	9 56	0 47	24 16	0 49	4 1	2 42	10 39	0 28	14 38	1 43	7 17	9 56	14 57	14 53	14 53		n.a.	S 11
S 12	16 49	19 55	3 14	15 5	1 13	20 13	1 13	9 40	0 46	24 16	0 49	4 1	2 42	10 39	0 28	14 38	1 43	7 17	9 56	14 57	14 54	14 55		n.a.	S 12
M13	16 32	19 0	2 6	14 25	1 8	19 55	1 14	9 25	0 46	24 17	0 49	4 0	2 42	10 39	0 28	14 38	1 43	7 17	9 57	14 57	14 55	14 57		n.a.	M13
T 14	16 14	16 56	0 52	13 44	1 2	19 37	1 15	9 9	0 45	24 17	0 49	4 0	2 42	10 39	0 28	14 38	1 43	7 17	9 57	14 57	14 56	14 58		n.a.	T 14
W15	15 56	13 56	0n24	13 3	0 56	19 18	1 16	8 53	0 45	24 17	0 49	3 59	2 43	10 38	0 28	14 38	1 43	7 17	9 57	14 57	14 57	15 0		n.a.	W15
T 16	15 38	10 14	1 36	12 22	0 50	18 58	1 17	8 38	0 44	24 18	0 49	3 58	2 43	10 38	0 28	14 39	1 43	7 17	9 57	14 57	14 58	15 1		n.a.	T 16
F 17	15 20	6 9	2 42	11 41	0 44	18 38	1 18	8 22	0 44	24 18	0 49	3 57	2 43	10 38	0 28	14 39	1 43	7 16	9 57	14 57	14 59	15 3		n.a.	F 17
S 18	15 1	1 53	3 39	10 59	0 37	18 18	1 19	8 6	0 43	24 18	0 49	3 57	2 43	10 38	0 28	14 39	1 43	7 16	9 57	14 57	15 0	15 5		n.a.	S 18
S 19	14 42	2s21	4 23	10 17	0 31	17 57	1 20	7 50	0 43	24 18	0 49	3 56	2 44	10 38	0 28	14 39	1 43	7 16	9 58	14 57	15 1	15 6		n.a.	S 19
M20	14 23	6 25	4 54	9 35	0 24	17 35	1 21	7 34	0 42	24 19	0 49	3 55	2 44	10 38	0 28	14 40	1 43	7 16	9 58	14 57	15 2	15 8		n.a.	M20
T 21	14 4	10 9	5 12	8 52	0 17	17 13	1 21	7 18	0 41	24 19	0 49	3 54	2 44	10 37	0 28	14 40	1 43	7 16	9 58	14 57	15 3	15 9		n.a.	T 21
W22	13 44	13 27	5 17	8 10	0 10	16 50	1 22	7 2	0 41	24 19	0 49	3 53	2 44	10 37	0 28	14 40	1 43	7 16	9 58	14 57	15 4	15 11		n.a.	W22
T 23	13 25	16 12	5 8	7 28	0 3	16 27	1 23	6 45	0 40	24 19	0 49	3 52	2 45	10 37	0 28	14 40	1 43	7 15	9 58	14 57	15 5	15 12		n.a.	T 23
F 24	13 5	18 16	4 45	6 45	0s 4	16 3	1 23	6 29	0 40	24 19	0 49	3 51	2 45	10 37	0 28	14 41	1 43	7 15	9 59	14 57	15 6	15 14		n.a.	F 24
S 25	12 44	19 33	4 10	6 3	0 12	15 39	1 23	6 13	0 39	24 20	0 49	3 50	2 45	10 36	0 29	14 41	1 42	7 15	9 59	14 57	15 7	15 16		n.a.	S 25
S 26	12 24	19 57	3 23	5 21	0 19	15 15	1 24	5 56	0 39	24 20	0 49	3 49	2 45	10 36	0 29	14 41	1 42	7 15	9 59	14 57	15 8	15 17		n.a.	S 26
M27	12 3	19 23	2 26	4 39	0 26	14 50	1 24	5 40	0 38	24 20	0 49	3 47	2 46	10 36	0 29	14 42	1 42	7 15	9 59	14 57	15 9	15 19		n.a.	M27
T 28	11 42	17 49	1 20	3 57	0 34	14 24	1 24	5 23	0 38	24 20	0 49	3 46	2 46	10 35	0 29	14 42	1 42	7 15	9 59	14 56	15 10	15 20		n.a.	T 28
W29	11 21	15 18	0 9	3 16	0 41	13 59	1 25	5 7	0 37	24 20	0 49	3 45	2 46	10 35	0 29	14 42	1 42	7 14	9 59	14 56	15 11	15 22		n.a.	W29
T 30	11 0	11 55	1s 5	2 34	0 49	13 33	1 25	4 50	0 36	24 20	0 49	3 44	2 46	10 34	0 29	14 43	1 42	7 14	10 0	14 56	15 12	15 23		n.a.	T 30
F 31	10n39	7s50	2s16	1n53	0s56	13n 6	1n25	4n33	0n36	24s20	0s49	3n43	2s46	10n34	0s29	14s43	1n42	7n14	10s 0	14n57	15n13	15s25		n.a.	F 31

Julian Day Number = 1601468.5, Delta T = 03h58m54s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'22, Lahiri = - 8°29'22 Julian Calendar 1 Aug. 329 BCE == Greg. Calendar 27 July 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

SEPTEMBER 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 22 43	3♍39'48	29♓29	24♍35	0♍46	20♍41	7°R23	15°R41	28°R19	14♏22	15°R55	20°R 8	19♌14	29♏56	n.a.	S 1
S 2	22 26 40	4°38'59	13♈34	25°58	2° 1	21°22	7♑22	15♈38	28♈18	14°23	15♉55	20♌ 6	19°11	0♐ 3	n.a.	S 2
M 3	22 30 37	5°38'12	27°46	27°21	3°16	22° 3	7°21	15°35	28°17	14°24	15°55	20° 4	19° 8	0° 9	n.a.	M 3
T 4	22 34 33	6°37'27	12♉ 3	28°42	4°32	22°44	7°20	15°32	28°15	14°25	15°54	20° 3	19° 5	0°16	n.a.	T 4
W 5	22 38 30	7°36'45	26°19	0♎ 2	5°47	23°25	7°20	15°28	28°14	14°26	15°54	20° 1	19° 1	0°23	n.a.	W 5
T 6	22 42 26	8°36'05	10♊32	1°22	7° 2	24° 6	7°19	15°25	28°13	14°27	15°54	20°D 1	18°58	0°30	n.a.	T 6
F 7	22 46 23	9°35'28	24°40	2°39	8°17	24°47	7°19	15°22	28°11	14°28	15°53	20° 2	18°55	0°36	n.a.	F 7
S 8	22 50 19	10°34'54	8♋41	3°56	9°32	25°28	7°D19	15°18	28°10	14°30	15°53	20° 3	18°52	0°43	n.a.	S 8
S 9	22 54 16	11°34'21	22°33	5°11	10°47	26° 9	7°19	15°14	28° 8	14°31	15°53	20° 4	18°49	0°50	n.a.	S 9
M10	22 58 12	12°33'51	6♌15	6°25	12° 3	26°51	7°20	15°11	28° 7	14°32	15°52	20° 5	18°45	0°56	n.a.	M10
T 11	23 2 9	13°33'24	19°46	7°37	13°18	27°32	7°20	15° 7	28° 5	14°33	15°52	20°R 6	18°42	1° 3	n.a.	T 11
W12	23 6 6	14°32'58	3♍ 5	8°47	14°33	28°13	7°21	15° 3	28° 4	14°35	15°51	20° 5	18°39	1°10	n.a.	W12
T 13	23 10 2	15°32'35	16°10	9°55	15°48	28°55	7°22	14°59	28° 2	14°36	15°51	20° 4	18°36	1°17	n.a.	T 13
F 14	23 13 59	16°32'14	29° 1	11° 2	17° 3	29°36	7°23	14°55	28° 0	14°38	15°50	20° 0	18°33	1°23	n.a.	F 14
S 15	23 17 55	17°31'55	11♎38	12° 6	18°19	0♎18	7°25	14°51	27°59	14°39	15°50	19°56	18°30	1°30	n.a.	S 15
S 16	23 21 52	18°31'37	24° 1	13° 7	19°34	0°59	7°26	14°47	27°57	14°40	15°49	19°51	18°26	1°37	n.a.	S 16
M17	23 25 48	19°31'22	6♏12	14° 6	20°49	1°41	7°28	14°43	27°55	14°42	15°49	19°46	18°23	1°43	n.a.	M17
T 18	23 29 45	20°31'09	18°13	15° 2	22° 5	2°23	7°30	14°39	27°53	14°43	15°48	19°41	18°20	1°50	n.a.	T 18
W19	23 33 41	21°30'58	0♐ 7	15°55	23°20	3° 5	7°32	14°35	27°51	14°45	15°48	19°38	18°17	1°57	n.a.	W19
T 20	23 37 38	22°30'48	11°59	16°44	24°35	3°46	7°34	14°30	27°50	14°46	15°47	19°36	18°14	2° 4	n.a.	T 20
F 21	23 41 34	23°30'41	23°53	17°30	25°50	4°28	7°37	14°26	27°48	14°48	15°46	19°D35	18°11	2°10	n.a.	F 21
S 22	23 45 31	24°30'35	5♑53	18°11	27° 6	5°10	7°40	14°21	27°46	14°49	15°46	19°36	18° 7	2°17	n.a.	S 22
S 23	23 49 28	25°30'31	18° 5	18°47	28°21	5°52	7°43	14°17	27°44	14°51	15°45	19°37	18° 4	2°24	n.a.	S 23
M24	23 53 24	26°30'28	0♒33	19°17	29°36	6°34	7°46	14°12	27°42	14°53	15°44	19°39	18° 1	2°30	n.a.	M24
T 25	23 57 21	27°30'28	13°22	19°42	0♎52	7°16	7°49	14° 8	27°40	14°54	15°44	19°R40	17°58	2°37	n.a.	T 25
W26	0 1 17	28°30'29	26°34	20° 0	2° 7	7°59	7°53	14° 3	27°37	14°56	15°43	19°40	17°55	2°44	n.a.	W26
T 27	0 5 14	29°30'32	10♓11	20°12	3°22	8°41	7°56	13°59	27°35	14°58	15°42	19°38	17°51	2°51	n.a.	T 27
F 28	0 9 10	0♎30'37	24°11	20°R15	4°38	9°23	8° 0	13°54	27°33	14°59	15°41	19°35	17°48	2°57	n.a.	F 28
S 29	0 13 7	1°30'43	8♈31	20°11	5°53	10° 5	8° 4	13°49	27°31	15° 1	15°41	19°29	17°45	3° 4	n.a.	S 29
S 30	0 17 3	2♎30'52	23♈ 6	19♎57	7♎ 8	10♎48	8♑ 8	13♈44	27♈29	15♏ 3	15♉40	19♌23	17♌42	3♐11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n17	3s16	3s21	1n12	1s 4	12n39	1n25	4n17	0n35	24s20	0s49	3n41	2s47	10n34	0s29	14s43	1n42	7n14	10s 0	14n57	15n14	15s27		n.a.
S 2	9 55	1n31	4 14	0 32	1 11	12 12	1 25	4 0	0 35	24 20	0 49	3 40	2 47	10 33	0 29	14 44	1 42	7 13	10 0	14 58	15 15	15 28		n.a.
M 3	9 33	6 16	4 52	0s 8	1 19	11 44	1 25	3 43	0 34	24 20	0 49	3 39	2 47	10 33	0 29	14 44	1 42	7 13	10 0	14 58	15 16	15 30		n.a.
T 4	9 11	10 41	5 12	0 47	1 26	11 17	1 24	3 26	0 34	24 20	0 49	3 37	2 47	10 32	0 29	14 44	1 42	7 13	10 0	14 59	15 17	15 31		n.a.
W 5	8 49	14 29	5 14	1 26	1 33	10 48	1 24	3 9	0 33	24 20	0 49	3 36	2 47	10 32	0 29	14 45	1 42	7 13	10 1	14 59	15 18	15 33		n.a.
T 6	8 27	17 26	4 56	2 5	1 41	10 20	1 24	2 52	0 32	24 20	0 49	3 34	2 48	10 31	0 29	14 45	1 42	7 12	10 1	14 59	15 19	15 34		n.a.
F 7	8 4	19 18	4 20	2 43	1 48	9 51	1 23	2 35	0 32	24 20	0 49	3 33	2 48	10 31	0 29	14 46	1 42	7 12	10 1	14 59	15 20	15 36		n.a.
S 8	7 41	19 58	3 29	3 20	1 55	9 22	1 23	2 18	0 31	24 20	0 49	3 31	2 48	10 30	0 29	14 46	1 42	7 12	10 1	14 59	15 21	15 37		n.a.
S 9	7 19	19 25	2 26	3 56	2 2	8 53	1 22	2 1	0 31	24 20	0 49	3 30	2 48	10 30	0 29	14 46	1 42	7 12	10 1	14 58	15 22	15 39		n.a.
M10	6 56	17 43	1 16	4 32	2 8	8 23	1 22	1 44	0 30	24 20	0 49	3 28	2 48	10 29	0 29	14 47	1 42	7 11	10 1	14 58	15 23	15 41		n.a.
T 11	6 33	15 2	0 2	5 7	2 15	7 53	1 21	1 27	0 30	24 20	0 49	3 26	2 48	10 29	0 29	14 47	1 41	7 11	10 2	14 58	15 24	15 42		n.a.
W12	6 9	11 36	1n11	5 41	2 21	7 23	1 20	1 9	0 29	24 20	0 49	3 25	2 49	10 28	0 29	14 48	1 41	7 11	10 2	14 58	15 25	15 44		n.a.
T 13	5 46	7 38	2 18	6 14	2 27	6 53	1 20	0 52	0 28	24 20	0 49	3 23	2 49	10 27	0 29	14 48	1 41	7 11	10 2	14 58	15 26	15 45		n.a.
F 14	5 23	3 24	3 17	6 45	2 33	6 23	1 19	0 35	0 28	24 20	0 49	3 21	2 49	10 27	0 29	14 49	1 41	7 10	10 2	15 0	15 27	15 47		n.a.
S 15	4 59	0s54	4 6	7 16	2 38	5 52	1 18	0 18	0 27	24 20	0 49	3 20	2 49	10 26	0 29	14 49	1 41	7 10	10 2	15 1	15 28	15 48		n.a.
S 16	4 36	5 5	4 41	7 45	2 44	5 21	1 17	0 0	0 27	24 20	0 49	3 18	2 49	10 26	0 29	14 50	1 41	7 10	10 2	15 2	15 29	15 50		n.a.
M17	4 12	8 59	5 4	8 13	2 48	4 51	1 16	0s17	0 26	24 20	0 49	3 16	2 49	10 25	0 29	14 50	1 41	7 9	10 2	15 4	15 30	15 51		n.a.
T 18	3 48	12 28	5 12	8 39	2 53	4 20	1 15	0 34	0 25	24 20	0 48	3 15	2 49	10 24	0 29	14 51	1 41	7 9	10 3	15 6	15 31	15 53		n.a.
W19	3 24	15 25	5 7	9 3	2 57	3 48	1 14	0 52	0 25	24 19	0 48	3 13	2 49	10 24	0 29	14 51	1 41	7 9	10 3	15 7	15 32	15 54		n.a.
T 20	3 0	17 44	4 49	9 25	3 0	3 17	1 13	1 9	0 24	24 19	0 48	3 11	2 50	10 23	0 29	14 52	1 41	7 8	10 3	15 7	15 33	15 56		n.a.
F 21	2 36	19 17	4 18	9 46	3 3	2 46	1 11	1 26	0 24	24 19	0 48	3 9	2 50	10 22	0 29	14 52	1 41	7 8	10 3	15 8	15 34	15 57		n.a.
S 22	2 12	20 0	3 36	10 3	3 5	2 14	1 10	1 44	0 23	24 19	0 48	3 7	2 50	10 21	0 29	14 53	1 41	7 8	10 3	15 7	15 35	15 59		n.a.
S 23	1 48	19 48	2 44	10 19	3 7	1 43	1 9	2 1	0 22	24 19	0 48	3 6	2 50	10 21	0 29	14 53	1 41	7 8	10 3	15 7	15 36	16 0		n.a.
M24	1 24	18 37	1 42	10 31	3 7	1 11	1 7	2 18	0 22	24 18	0 48	3 4	2 50	10 20	0 29	14 54	1 41	7 7	10 3	15 6	15 37	16 2		n.a.
T 25	1 0	16 28	0 34	10 40	3 7	0 40	1 6	2 36	0 21	24 18	0 48	3 2	2 50	10 19	0 29	14 54	1 41	7 7	10 3	15 6	15 38	16 3		n.a.
W26	0 36	13 24	0s37	10 46	3 5	0 8	1 4	2 53	0 21	24 18	0 48	3 0	2 50	10 18	0 29	14 55	1 41	7 7	10 4	15 6	15 39	16 5		n.a.
T 27	0 12	9 31	1 49	10 48	3 3	0s24	1 3	3 11	0 20	24 18	0 48	2 58	2 50	10 18	0 29	14 55	1 41	7 6	10 4	15 6	15 40	16 6		n.a.
F 28	0s12	5 1	2 56	10 46	2 59	0 56	1 1	3 28	0 19	24 17	0 48	2 56	2 50	10 17	0 29	14 56	1 41	7 6	10 4	15 8	15 41	16 8		n.a.
S 29	0 37	0 9	3 53	10 39	2 54	1 27	1 0	3 45	0 19	24 17	0 48	2 54	2 50	10 16	0 29	14 56	1 41	7 6	10 4	15 9	15 42	16 9		n.a.
S 30	1s 1	4n48	4s37	10s28	2s47	1s59	0n58	4s 3	0n18	24s17	0s48	2n52	2s50	10n15	0s29	14s57	1n41	7n 5	10s 4	15n12	15n43	16s11		n.a.

Julian Day Number = 1601499.5, Delta T = 03h58m52s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'18, Lahiri = - 8°29'18 Julian Calendar 1 Sept. 329 BCE == Greg. Calendar 27 Aug. 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

OCTOBER 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 21 0	3♎31'03	7♉48	19°R34	8♎24	11♎30	8♑13	13°R40	27°R27	15♏ 5	15°R39	19°R16	17♌39	3♐17	n.a.	M 1
T 2	0 24 56	4°31'16	22°29	19♎ 2	9°39	12°12	8°18	13♈35	27♈24	15° 7	15♉38	19♌ 9	17°36	3°24	n.a.	T 2
W 3	0 28 53	5°31'31	7♊ 4	18°20	10°54	12°55	8°22	13°30	27°22	15° 8	15°37	19° 4	17°32	3°31	n.a.	W 3
T 4	0 32 50	6°31'48	21°26	17°29	12°10	13°38	8°27	13°25	27°20	15°10	15°36	19° 1	17°29	3°38	n.a.	T 4
F 5	0 36 46	7°32'08	5♋33	16°29	13°25	14°20	8°32	13°20	27°18	15°12	15°36	19°D 0	17°26	3°44	n.a.	F 5
S 6	0 40 43	8°32'29	19°25	15°22	14°40	15° 3	8°38	13°15	27°15	15°14	15°35	19° 0	17°23	3°51	n.a.	S 6
S 7	0 44 39	9°32'53	3♌ 0	14° 8	15°56	15°46	8°43	13°10	27°13	15°16	15°34	19° 1	17°20	3°58	n.a.	S 7
M 8	0 48 36	10°33'19	16°21	12°50	17°11	16°28	8°49	13° 5	27°10	15°18	15°33	19°R 2	17°16	4° 5	n.a.	M 8
T 9	0 52 32	11°33'47	29°28	11°30	18°27	17°11	8°55	13° 1	27° 8	15°20	15°32	19° 2	17°13	4°11	n.a.	T 9
W10	0 56 29	12°34'16	12♍24	10°12	19°42	17°54	9° 1	12°56	27° 6	15°22	15°31	18°59	17°10	4°18	n.a.	W10
T 11	1 0 25	13°34'48	25° 8	8°56	20°57	18°37	9° 7	12°51	27° 3	15°24	15°30	18°54	17° 7	4°25	n.a.	T 11
F 12	1 4 22	14°35'21	7♎42	7°46	22°13	19°20	9°13	12°46	27° 1	15°26	15°29	18°46	17° 4	4°31	n.a.	F 12
S 13	1 8 19	15°35'56	20° 6	6°44	23°28	20° 3	9°20	12°41	26°58	15°28	15°28	18°36	17° 1	4°38	n.a.	S 13
S 14	1 12 15	16°36'32	2♏20	5°51	24°43	20°46	9°27	12°36	26°56	15°30	15°27	18°25	16°57	4°45	n.a.	S 14
M15	1 16 12	17°37'11	14°25	5° 9	25°59	21°30	9°33	12°31	26°53	15°32	15°26	18°13	16°54	4°52	n.a.	M15
T 16	1 20 8	18°37'50	26°23	4°39	27°14	22°13	9°40	12°26	26°51	15°34	15°25	18° 2	16°51	4°58	n.a.	T 16
W17	1 24 5	19°38'31	8♐15	4°20	28°29	22°56	9°48	12°21	26°49	15°36	15°24	17°52	16°48	5° 5	n.a.	W17
T 18	1 28 1	20°39'14	20° 5	4°D13	29°45	23°39	9°55	12°16	26°46	15°38	15°23	17°45	16°45	5°12	n.a.	T 18
F 19	1 31 58	21°39'58	1♑56	4°18	1♏ 0	24°23	10° 2	12°12	26°44	15°40	15°22	17°40	16°42	5°18	n.a.	F 19
S 20	1 35 54	22°40'43	13°53	4°32	2°16	25° 6	10°10	12° 7	26°41	15°42	15°21	17°38	16°38	5°25	n.a.	S 20
S 21	1 39 51	23°41'29	26° 0	4°56	3°31	25°50	10°18	12° 2	26°39	15°44	15°20	17°D38	16°35	5°32	n.a.	S 21
M22	1 43 48	24°42'16	8♒24	5°29	4°46	26°33	10°26	11°57	26°36	15°47	15°19	17°38	16°32	5°39	n.a.	M22
T 23	1 47 44	25°43'05	21° 9	6°10	6° 2	27°17	10°34	11°52	26°33	15°49	15°18	17°R38	16°29	5°45	n.a.	T 23
W24	1 51 41	26°43'54	4♓19	6°58	7°17	28° 0	10°42	11°48	26°31	15°51	15°17	17°37	16°26	5°52	n.a.	W24
T 25	1 55 37	27°44'45	17°59	7°52	8°32	28°44	10°50	11°43	26°28	15°53	15°15	17°34	16°22	5°59	n.a.	T 25
F 26	1 59 34	28°45'36	2♈ 7	8°52	9°47	29°28	10°59	11°39	26°26	15°55	15°14	17°28	16°19	6° 5	n.a.	F 26
S 27	2 3 30	29°46'29	16°42	9°56	11° 3	0♏12	11° 8	11°34	26°23	15°57	15°13	17°19	16°16	6°12	n.a.	S 27
S 28	2 7 27	0♏47'23	1♉37	11° 4	12°18	0°56	11°16	11°29	26°21	16° 0	15°12	17° 8	16°13	6°19	n.a.	S 28
M29	2 11 23	1°48'18	16°44	12°16	13°33	1°39	11°25	11°25	26°18	16° 2	15°11	16°57	16°10	6°26	n.a.	M29
T 30	2 15 20	2°49'15	1♊52	13°30	14°49	2°23	11°34	11°21	26°16	16° 4	15°10	16°46	16° 7	6°32	n.a.	T 30
W31	2 19 17	3♏50'13	16♊51	14♎48	16♏ 4	3♏ 7	11♑43	11♈16	26♈13	16♏ 6	15♉ 9	16♌37	16♌ 3	6♐39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1s25	9n31	5s 2	10s11	2s39	2s31	0n56	4s20	0n18	24s16	0s48	2n50	2s50	10n15	0s29	14s57	1n41	7n 5	10s 4	15n14	15n44	16s12		n.a.
T 2	1 49	13 40	5 8	9 50	2 28	3 2	0 54	4 37	0 17	24 16	0 48	2 49	2 50	10 14	0 29	14 58	1 40	7 5	10 4	15 16	15 45	16 14		n.a.
W 3	2 13	16 56	4 53	9 22	2 16	3 34	0 53	4 55	0 16	24 16	0 48	2 47	2 50	10 13	0 29	14 59	1 40	7 4	10 4	15 17	15 46	16 15		n.a.
T 4	2 37	19 7	4 21	8 50	2 3	4 5	0 51	5 12	0 16	24 15	0 48	2 45	2 51	10 12	0 29	14 59	1 40	7 4	10 5	15 18	15 47	16 17		n.a.
F 5	3 2	20 5	3 32	8 12	1 47	4 37	0 49	5 29	0 15	24 15	0 48	2 43	2 51	10 11	0 29	15 0	1 40	7 4	10 5	15 19	15 48	16 18		n.a.
S 6	3 26	19 48	2 33	7 30	1 30	5 8	0 47	5 47	0 15	24 15	0 48	2 41	2 51	10 10	0 29	15 0	1 40	7 3	10 5	15 19	15 49	16 20		n.a.
S 7	3 50	18 21	1 25	6 44	1 11	5 39	0 45	6 4	0 14	24 14	0 48	2 39	2 51	10 10	0 29	15 1	1 40	7 3	10 5	15 18	15 50	16 21		n.a.
M 8	4 14	15 54	0 14	5 55	0 52	6 10	0 43	6 21	0 13	24 14	0 48	2 37	2 51	10 9	0 29	15 2	1 40	7 3	10 5	15 18	15 51	16 23		n.a.
T 9	4 38	12 40	0n56	5 5	0 31	6 41	0 41	6 38	0 13	24 13	0 48	2 35	2 51	10 8	0 29	15 2	1 40	7 2	10 5	15 18	15 52	16 24		n.a.
W10	5 2	8 52	2 2	4 14	0 10	7 12	0 39	6 55	0 12	24 13	0 48	2 33	2 51	10 7	0 29	15 3	1 40	7 2	10 5	15 19	15 53	16 26		n.a.
T 11	5 25	4 43	3 1	3 26	0n10	7 43	0 36	7 12	0 11	24 12	0 48	2 31	2 50	10 6	0 29	15 3	1 40	7 2	10 5	15 21	15 54	16 27		n.a.
F 12	5 49	0 25	3 50	2 39	0 30	8 13	0 34	7 30	0 11	24 12	0 48	2 29	2 50	10 5	0 29	15 4	1 40	7 1	10 5	15 23	15 55	16 29		n.a.
S 13	6 13	3s50	4 27	1 57	0 49	8 44	0 32	7 47	0 10	24 11	0 48	2 27	2 50	10 4	0 29	15 5	1 40	7 1	10 5	15 26	15 56	16 30		n.a.
S 14	6 36	7 52	4 52	1 20	1 6	9 14	0 30	8 4	0 10	24 11	0 47	2 26	2 50	10 3	0 29	15 5	1 40	7 1	10 5	15 30	15 57	16 32		n.a.
M15	7 0	11 32	5 3	0 49	1 22	9 44	0 28	8 21	0 9	24 10	0 47	2 24	2 50	10 2	0 29	15 6	1 40	7 0	10 5	15 33	15 58	16 33		n.a.
T 16	7 23	14 43	5 0	0 24	1 36	10 13	0 25	8 37	0 8	24 10	0 47	2 22	2 50	10 2	0 29	15 7	1 40	7 0	10 5	15 37	15 59	16 35		n.a.
W17	7 47	17 16	4 45	0 6	1 48	10 43	0 23	8 54	0 8	24 9	0 47	2 20	2 50	10 1	0 29	15 7	1 40	7 0	10 6	15 40	16 0	16 36		n.a.
T 18	8 10	19 5	4 17	0n 6	1 58	11 12	0 21	9 11	0 7	24 9	0 47	2 18	2 50	10 0	0 29	15 8	1 40	6 59	10 6	15 42	16 1	16 38		n.a.
F 19	8 33	20 5	3 38	0 12	2 7	11 41	0 18	9 28	0 6	24 8	0 47	2 16	2 50	9 59	0 29	15 8	1 40	6 59	10 6	15 43	16 2	16 39		n.a.
S 20	8 56	20 11	2 50	0 13	2 13	12 9	0 16	9 45	0 6	24 7	0 47	2 14	2 50	9 58	0 29	15 9	1 40	6 58	10 6	15 44	16 3	16 40		n.a.
S 21	9 18	19 22	1 53	0 7	2 18	12 37	0 14	10 1	0 5	24 7	0 47	2 13	2 50	9 57	0 29	15 10	1 40	6 58	10 6	15 44	16 3	16 42		n.a.
M22	9 41	17 36	0 49	0s 3	2 22	13 5	0 11	10 18	0 4	24 6	0 47	2 11	2 50	9 56	0 29	15 10	1 40	6 58	10 6	15 44	16 4	16 43		n.a.
T 23	10 4	14 55	0s19	0 17	2 24	13 33	0 9	10 34	0 4	24 5	0 47	2 9	2 50	9 55	0 29	15 11	1 40	6 57	10 6	15 44	16 5	16 45		n.a.
W24	10 26	11 24	1 27	0 35	2 25	14 0	0 7	10 51	0 3	24 5	0 47	2 7	2 50	9 54	0 29	15 12	1 40	6 57	10 6	15 44	16 6	16 46		n.a.
T 25	10 48	7 10	2 34	0 57	2 25	14 27	0 4	11 7	0 3	24 4	0 47	2 6	2 49	9 53	0 29	15 12	1 40	6 57	10 6	15 46	16 7	16 48		n.a.
F 26	11 10	2 24	3 33	1 22	2 23	14 54	0 2	11 23	0 2	24 3	0 47	2 4	2 49	9 52	0 29	15 13	1 40	6 56	10 6	15 47	16 8	16 49		n.a.
S 27	11 32	2n39	4 20	1 49	2 21	15 20	0s 1	11 40	0 1	24 3	0 47	2 2	2 49	9 52	0 29	15 14	1 40	6 56	10 6	15 50	16 9	16 51		n.a.
S 28	11 53	7 39	4 50	2 18	2 19	15 46	0 3	11 56	0 1	24 2	0 47	2 1	2 49	9 51	0 29	15 14	1 40	6 56	10 6	15 53	16 10	16 52		n.a.
M29	12 15	12 14	5 1	2 50	2 15	16 11	0 6	12 12	0s 0	24 1	0 47	1 59	2 49	9 50	0 29	15 15	1 40	6 55	10 6	15 57	16 11	16 53		n.a.
T 30	12 36	16 2	4 51	3 23	2 11	16 36	0 8	12 28	0 1	24 0	0 47	1 57	2 49	9 49	0 29	15 16	1 40	6 55	10 6	16 0	16 12	16 55		n.a.
W31	12s57	18n45	4s21	3s57	2n 7	17s 1	0s11	12s43	0s 1	23s59	0s47	1n56	2s49	9n48	0s29	15s16	1n40	6n55	10s 6	16n 3	16n13	16s56		n.a.

Julian Day Number = 1601529.5, Delta T = 03h58m51s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'14, Lahiri = - 8°29'14 Julian Calendar 1 Oct. 329 BCE == Greg. Calendar 26 Sept. 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

NOVEMBER 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 23 13	4♏51'12	1♋32	16♎ 7	17♏19	3♏51	11♑53	11°R12	26°R11	16♏ 8	15°R 8	16°R31	16♌ 0	6♐46	n.a.	T 1
F 2	2 27 10	5°52'13	15°52	17°29	18°34	4°35	12° 2	11♈ 8	26♈ 8	16°11	15♉ 6	16♌28	15°57	6°52	n.a.	F 2
S 3	2 31 6	6°53'15	29°47	18°52	19°50	5°20	12°12	11° 3	26° 6	16°13	15° 5	16°27	15°54	6°59	n.a.	S 3
S 4	2 35 3	7°54'18	13♌20	20°16	21° 5	6° 4	12°21	10°59	26° 4	16°15	15° 4	16°26	15°51	7° 6	n.a.	S 4
M 5	2 38 59	8°55'22	26°31	21°42	22°20	6°48	12°31	10°55	26° 1	16°17	15° 3	16°26	15°48	7°13	n.a.	M 5
T 6	2 42 56	9°56'28	9♍25	23° 9	23°36	7°32	12°41	10°51	25°59	16°20	15° 2	16°25	15°44	7°19	n.a.	T 6
W 7	2 46 52	10°57'35	22° 4	24°36	24°51	8°17	12°51	10°47	25°56	16°22	15° 1	16°20	15°41	7°26	n.a.	W 7
T 8	2 50 49	11°58'43	4♎32	26° 4	26° 6	9° 1	13° 1	10°44	25°54	16°24	15° 0	16°13	15°38	7°33	n.a.	T 8
F 9	2 54 46	12°59'51	16°50	27°33	27°21	9°45	13°12	10°40	25°51	16°26	14°58	16° 3	15°35	7°39	n.a.	F 9
S 10	2 58 42	14° 1'01	29° 1	29° 3	28°37	10°30	13°22	10°36	25°49	16°29	14°57	15°50	15°32	7°46	n.a.	S 10
S 11	3 2 39	15° 2'12	11♏ 5	0♏32	29°52	11°14	13°33	10°32	25°47	16°31	14°56	15°35	15°28	7°53	n.a.	S 11
M12	3 6 35	16° 3'23	23° 3	2° 3	1♐ 7	11°59	13°43	10°29	25°44	16°33	14°55	15°20	15°25	8° 0	n.a.	M12
T 13	3 10 32	17° 4'35	4♐57	3°33	2°22	12°44	13°54	10°25	25°42	16°36	14°54	15° 5	15°22	8° 6	n.a.	T 13
W14	3 14 28	18° 5'48	16°48	5° 4	3°37	13°28	14° 5	10°22	25°40	16°38	14°53	14°52	15°19	8°13	n.a.	W14
T 15	3 18 25	19° 7'01	28°37	6°36	4°53	14°13	14°16	10°19	25°38	16°40	14°51	14°42	15°16	8°20	n.a.	T 15
F 16	3 22 21	20° 8'14	10♑28	8° 7	6° 8	14°58	14°27	10°16	25°35	16°42	14°50	14°35	15°13	8°26	n.a.	F 16
S 17	3 26 18	21° 9'28	22°24	9°39	7°23	15°43	14°38	10°13	25°33	16°45	14°49	14°31	15° 9	8°33	n.a.	S 17
S 18	3 30 15	22°10'42	4♒29	11°11	8°38	16°28	14°49	10°10	25°31	16°47	14°48	14°29	15° 6	8°40	n.a.	S 18
M19	3 34 11	23°11'56	16°48	12°43	9°53	17°12	15° 1	10° 7	25°29	16°49	14°47	14°29	15° 3	8°47	n.a.	M19
T 20	3 38 8	24°13'10	29°27	14°15	11° 8	17°57	15°12	10° 4	25°27	16°51	14°46	14°29	15° 0	8°53	n.a.	T 20
W21	3 42 4	25°14'25	12♓30	15°48	12°24	18°42	15°24	10° 1	25°25	16°54	14°44	14°28	14°57	9° 0	n.a.	W21
T 22	3 46 1	26°15'39	26° 1	17°21	13°39	19°27	15°35	9°58	25°23	16°56	14°43	14°25	14°53	9° 7	n.a.	T 22
F 23	3 49 57	27°16'53	10♈ 3	18°54	14°54	20°12	15°47	9°56	25°21	16°58	14°42	14°19	14°50	9°13	n.a.	F 23
S 24	3 53 54	28°18'07	24°35	20°27	16° 9	20°58	15°59	9°54	25°18	17° 0	14°41	14°11	14°47	9°20	n.a.	S 24
S 25	3 57 50	29°19'22	9♉32	22° 0	17°24	21°43	16°11	9°51	25°17	17° 3	14°40	14° 0	14°44	9°27	n.a.	S 25
M26	4 1 47	0♐20'36	24°47	23°34	18°39	22°28	16°23	9°49	25°15	17° 5	14°39	13°49	14°41	9°34	n.a.	M26
T 27	4 5 44	1°21'51	10♊ 9	25° 8	19°54	23°13	16°35	9°47	25°13	17° 7	14°38	13°39	14°38	9°40	n.a.	T 27
W28	4 9 40	2°23'06	25°26	26°42	21° 9	23°58	16°47	9°45	25°11	17° 9	14°37	13°29	14°34	9°47	n.a.	W28
T 29	4 13 37	3°24'20	10♋26	28°17	22°24	24°44	17° 0	9°43	25° 9	17°11	14°35	13°23	14°31	9°54	n.a.	T 29
F 30	4 17 33	4♐25'36	25♋ 4	29♏52	23♐39	25♏29	17♑12	9♈41	25♈ 7	17♏14	14♉34	13♌19	14♌28	10♐ 0	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s18	20n10	3s34	4s33	2n 2	17s25	0s13	12s59	0s 2	23s58	0s47	1n54	2s48	9n47	0s29	15s17	1n40	6n54	10s 6	16n 5	16n14	16s58		n.a.
F 2	13 38	20 14	2 34	5 9	1 57	17 49	0 15	13 15	0 3	23 58	0 47	1 53	2 48	9 46	0 29	15 18	1 40	6 54	10 6	16 6	16 15	16 59		n.a.
S 3	13 59	19 2	1 27	5 46	1 51	18 12	0 18	13 30	0 3	23 57	0 47	1 51	2 48	9 45	0 29	15 18	1 40	6 54	10 6	16 6	16 16	17 0		n.a.
S 4	14 19	16 46	0 16	6 24	1 45	18 34	0 20	13 46	0 4	23 56	0 47	1 50	2 48	9 44	0 29	15 19	1 40	6 54	10 6	16 6	16 17	17 2		n.a.
M 5	14 39	13 39	0n53	7 2	1 39	18 57	0 23	14 1	0 5	23 55	0 47	1 48	2 48	9 43	0 29	15 20	1 40	6 53	10 6	16 6	16 18	17 3		n.a.
T 6	14 58	9 57	1 58	7 40	1 32	19 18	0 25	14 17	0 5	23 54	0 47	1 47	2 48	9 43	0 29	15 20	1 40	6 53	10 6	16 7	16 19	17 5		n.a.
W 7	15 18	5 52	2 56	8 19	1 26	19 39	0 27	14 32	0 6	23 53	0 47	1 46	2 47	9 42	0 29	15 21	1 39	6 53	10 6	16 8	16 20	17 6		n.a.
T 8	15 37	1 36	3 45	8 58	1 19	20 0	0 30	14 47	0 6	23 52	0 47	1 44	2 47	9 41	0 29	15 22	1 39	6 52	10 6	16 10	16 21	17 8		n.a.
F 9	15 56	2s40	4 22	9 36	1 12	20 20	0 32	15 2	0 7	23 51	0 47	1 43	2 47	9 40	0 29	15 22	1 39	6 52	10 6	16 13	16 22	17 9		n.a.
S 10	16 14	6 48	4 47	10 15	1 5	20 39	0 35	15 16	0 8	23 50	0 47	1 42	2 47	9 39	0 29	15 23	1 39	6 52	10 6	16 17	16 23	17 10		n.a.
S 11	16 33	10 37	4 58	10 53	0 59	20 58	0 37	15 31	0 8	23 48	0 47	1 40	2 47	9 38	0 29	15 24	1 39	6 51	10 6	16 22	16 24	17 12		n.a.
M12	16 51	13 59	4 56	11 32	0 52	21 16	0 39	15 46	0 9	23 47	0 47	1 39	2 46	9 37	0 29	15 24	1 39	6 51	10 6	16 26	16 25	17 13		n.a.
T 13	17 8	16 46	4 42	12 9	0 44	21 34	0 42	16 0	0 10	23 46	0 47	1 38	2 46	9 37	0 29	15 25	1 39	6 51	10 6	16 31	16 26	17 14		n.a.
W14	17 26	18 51	4 15	12 47	0 37	21 51	0 44	16 14	0 10	23 45	0 47	1 37	2 46	9 36	0 29	15 25	1 39	6 51	10 6	16 34	16 26	17 16		n.a.
T 15	17 43	20 7	3 37	13 24	0 30	22 7	0 46	16 29	0 11	23 44	0 47	1 36	2 46	9 35	0 29	15 26	1 39	6 50	10 6	16 37	16 27	17 17		n.a.
F 16	18 0	20 30	2 49	14 1	0 23	22 23	0 48	16 43	0 12	23 43	0 47	1 35	2 45	9 34	0 28	15 27	1 39	6 50	10 5	16 40	16 28	17 19		n.a.
S 17	18 16	19 58	1 54	14 37	0 16	22 38	0 50	16 56	0 12	23 41	0 47	1 34	2 45	9 33	0 28	15 27	1 39	6 50	10 5	16 41	16 29	17 20		n.a.
S 18	18 32	18 31	0 53	15 13	0 9	22 53	0 53	17 10	0 13	23 40	0 47	1 33	2 45	9 33	0 28	15 28	1 39	6 50	10 5	16 41	16 30	17 21		n.a.
M19	18 48	16 11	0s12	15 48	0 3	23 6	0 55	17 24	0 14	23 39	0 47	1 32	2 45	9 32	0 28	15 29	1 39	6 49	10 5	16 41	16 31	17 23		n.a.
T 20	19 3	13 2	1 18	16 23	0s 4	23 20	0 57	17 37	0 14	23 38	0 47	1 31	2 44	9 31	0 28	15 29	1 39	6 49	10 5	16 41	16 32	17 24		n.a.
W21	19 19	9 9	2 23	16 57	0 11	23 32	0 59	17 50	0 15	23 36	0 47	1 30	2 44	9 30	0 28	15 30	1 39	6 49	10 5	16 42	16 33	17 26		n.a.
T 22	19 33	4 40	3 21	17 30	0 18	23 43	1 1	18 4	0 16	23 35	0 47	1 29	2 44	9 30	0 28	15 31	1 39	6 49	10 5	16 42	16 34	17 27		n.a.
F 23	19 48	0n12	4 10	18 2	0 24	23 54	1 3	18 16	0 16	23 33	0 47	1 29	2 44	9 29	0 28	15 31	1 39	6 48	10 5	16 44	16 35	17 28		n.a.
S 24	20 2	5 14	4 44	18 34	0 31	24 5	1 5	18 29	0 17	23 32	0 47	1 28	2 43	9 28	0 28	15 32	1 39	6 48	10 5	16 47	16 36	17 30		n.a.
S 25	20 15	10 6	5 0	19 5	0 37	24 14	1 7	18 42	0 18	23 31	0 47	1 27	2 43	9 27	0 28	15 33	1 39	6 48	10 5	16 50	16 37	17 31		n.a.
M26	20 28	14 25	4 56	19 35	0 43	24 23	1 9	18 54	0 18	23 29	0 47	1 27	2 43	9 27	0 28	15 33	1 39	6 48	10 5	16 53	16 38	17 32		n.a.
T 27	20 41	17 48	4 30	20 5	0 49	24 31	1 10	19 7	0 19	23 28	0 47	1 26	2 43	9 26	0 28	15 34	1 39	6 47	10 5	16 56	16 39	17 34		n.a.
W28	20 54	19 54	3 45	20 33	0 55	24 38	1 12	19 19	0 19	23 26	0 47	1 26	2 42	9 25	0 28	15 34	1 39	6 47	10 4	16 59	16 40	17 35		n.a.
T 29	21 6	20 35	2 45	21 0	1 1	24 45	1 14	19 31	0 20	23 24	0 47	1 25	2 42	9 25	0 28	15 35	1 39	6 47	10 4	17 0	16 41	17 36		n.a.
F 30	21s17	19n49	1s35	21s27	1s 6	24s50	1s16	19s42	0s21	23s23	0s47	1n25	2s42	9n24	0s28	15s36	1n39	6n47	10s 4	17n 2	16n42	17s38		n.a.

Julian Day Number = 1601560.5, Delta T = 03h58m50s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'10, Lahiri = - 8°29'09 Julian Calendar 1 Nov. 329 BCE == Greg. Calendar 27 Oct. 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 329 BCE
geocentric

DECEMBER 329 BCE (-328) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 30	5♐26'51	9♌13	1♐27	24♐54	26♏15	17♑24	9°R39	25°R 5	17♏16	14°R33	13°D18	14♌25	10♐ 7	n.a.	S 1
S 2	4 25 26	6°28'06	22°55	3° 2	26° 9	27° 0	17°37	9♈38	25♈ 4	17°18	14♉32	13♌18	14°22	10°14	n.a.	S 2
M 3	4 29 23	7°29'22	6♍10	4°38	27°24	27°46	17°49	9°36	25° 2	17°20	14°31	13°R19	14°19	10°20	n.a.	M 3
T 4	4 33 20	8°30'38	19° 3	6°14	28°39	28°31	18° 2	9°35	25° 0	17°22	14°30	13°18	14°15	10°27	n.a.	T 4
W 5	4 37 16	9°31'53	1♎37	7°51	29°54	29°17	18°15	9°34	24°59	17°24	14°29	13°16	14°12	10°34	n.a.	W 5
T 6	4 41 13	10°33'09	13°56	9°28	1♑ 9	0♐ 2	18°27	9°33	24°57	17°27	14°28	13°10	14° 9	10°41	n.a.	T 6
F 7	4 45 9	11°34'25	26° 5	11° 5	2°24	0°48	18°40	9°32	24°56	17°29	14°27	13° 3	14° 6	10°47	n.a.	F 7
S 8	4 49 6	12°35'40	8♏ 6	12°43	3°39	1°34	18°53	9°31	24°54	17°31	14°26	12°53	14° 3	10°54	n.a.	S 8
S 9	4 53 2	13°36'56	20° 2	14°21	4°53	2°19	19° 6	9°30	24°53	17°33	14°25	12°41	13°59	11° 1	n.a.	S 9
M10	4 56 59	14°38'11	1♐55	16° 0	6° 8	3° 5	19°19	9°29	24°51	17°35	14°24	12°29	13°56	11° 7	n.a.	M10
T 11	5 0 55	15°39'26	13°46	17°39	7°23	3°51	19°32	9°29	24°50	17°37	14°23	12°17	13°53	11°14	n.a.	T 11
W12	5 4 52	16°40'40	25°37	19°19	8°38	4°37	19°46	9°28	24°49	17°39	14°22	12° 7	13°50	11°21	n.a.	W12
T 13	5 8 49	17°41'54	7♑29	20°59	9°53	5°23	19°59	9°28	24°48	17°41	14°21	11°59	13°47	11°28	n.a.	T 13
F 14	5 12 45	18°43'07	19°25	22°39	11° 8	6° 9	20°12	9°28	24°46	17°43	14°20	11°53	13°44	11°34	n.a.	F 14
S 15	5 16 42	19°44'20	1♒26	24°20	12°22	6°55	20°25	9°D27	24°45	17°45	14°19	11°51	13°40	11°41	n.a.	S 15
S 16	5 20 38	20°45'31	13°36	26° 1	13°37	7°41	20°39	9°27	24°44	17°47	14°18	11°D50	13°37	11°48	n.a.	S 16
M17	5 24 35	21°46'42	25°58	27°43	14°52	8°27	20°52	9°28	24°43	17°49	14°17	11°51	13°34	11°54	n.a.	M17
T 18	5 28 31	22°47'51	8♓35	29°25	16° 7	9°13	21° 6	9°28	24°42	17°51	14°16	11°52	13°31	12° 1	n.a.	T 18
W19	5 32 28	23°49'00	21°34	1♑ 8	17°21	9°59	21°19	9°28	24°41	17°53	14°16	11°R53	13°28	12° 8	n.a.	W19
T 20	5 36 24	24°50'07	4♈56	2°50	18°36	10°45	21°33	9°29	24°40	17°55	14°15	11°52	13°25	12°15	n.a.	T 20
F 21	5 40 21	25°51'14	18°46	4°33	19°50	11°31	21°47	9°29	24°39	17°57	14°14	11°50	13°21	12°21	n.a.	F 21
S 22	5 44 18	26°52'19	3♉ 3	6°17	21° 5	12°17	22° 0	9°30	24°38	17°59	14°13	11°46	13°18	12°28	n.a.	S 22
S 23	5 48 14	27°53'23	17°46	8° 0	22°20	13° 3	22°14	9°31	24°38	18° 1	14°12	11°40	13°15	12°35	n.a.	S 23
M24	5 52 11	28°54'26	2♊49	9°43	23°34	13°49	22°28	9°32	24°37	18° 2	14°11	11°33	13°12	12°41	n.a.	M24
T 25	5 56 7	29°55'28	18° 4	11°26	24°49	14°36	22°42	9°33	24°36	18° 4	14°11	11°26	13° 9	12°48	n.a.	T 25
W26	6 0 4	0♑56'29	3♋19	13° 9	26° 3	15°22	22°56	9°34	24°36	18° 6	14°10	11°21	13° 5	12°55	n.a.	W26
T 27	6 4 0	1°57'29	18°25	14°51	27°17	16° 8	23° 9	9°35	24°35	18° 8	14° 9	11°17	13° 2	13° 1	n.a.	T 27
F 28	6 7 57	2°58'28	3♌12	16°32	28°32	16°55	23°23	9°36	24°34	18° 9	14° 8	11°15	12°59	13° 8	n.a.	F 28
S 29	6 11 54	3°59'25	17°35	18°13	29°46	17°41	23°37	9°38	24°34	18°11	14° 8	11°D15	12°56	13°15	n.a.	S 29
S 30	6 15 50	5° 0'22	1♍29	19°52	1♒ 1	18°27	23°51	9°40	24°34	18°13	14° 7	11°16	12°53	13°22	n.a.	S 30
M31	6 19 47	6♑ 1'18	14♍55	21♑29	2♒15	19♐14	24♑ 5	9♈41	24♈33	18♏15	14♉ 6	11♌18	12♌50	13♐28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s28	17n49	0s22	21s52	1s12	24s55	1s17	19s54	0s21	23s21	0s47	1n24	2s41	9n23	0s28	15s36	1n40	6n47	10s 4	17n 2	16n42	17s39		n.a.
S 2	21 39	14 51	0n51	22 17	1 17	24 59	1 19	20 5	0 22	23 20	0 47	1 24	2 41	9 23	0 28	15 37	1 40	6 46	10 4	17 2	16 43	17 40		n.a.
M 3	21 50	11 11	1 59	22 40	1 22	25 3	1 20	20 16	0 23	23 18	0 47	1 23	2 41	9 22	0 28	15 37	1 40	6 46	10 4	17 2	16 44	17 42		n.a.
T 4	22 0	7 7	2 58	23 2	1 27	25 5	1 22	20 27	0 23	23 16	0 47	1 23	2 41	9 22	0 28	15 38	1 40	6 46	10 4	17 2	16 45	17 43		n.a.
W 5	22 9	2 49	3 48	23 23	1 31	25 7	1 23	20 38	0 24	23 15	0 47	1 23	2 40	9 21	0 28	15 39	1 40	6 46	10 4	17 3	16 46	17 44		n.a.
T 6	22 18	1s30	4 25	23 43	1 36	25 8	1 25	20 48	0 25	23 13	0 47	1 23	2 40	9 21	0 28	15 39	1 40	6 46	10 3	17 4	16 47	17 46		n.a.
F 7	22 27	5 41	4 51	24 1	1 40	25 9	1 26	20 59	0 25	23 11	0 47	1 23	2 40	9 20	0 28	15 40	1 40	6 46	10 3	17 6	16 48	17 47		n.a.
S 8	22 35	9 37	5 2	24 19	1 43	25 8	1 27	21 9	0 26	23 9	0 47	1 23	2 39	9 19	0 28	15 40	1 40	6 45	10 3	17 9	16 49	17 48		n.a.
S 9	22 43	13 8	5 1	24 34	1 47	25 7	1 28	21 19	0 27	23 7	0 47	1 23	2 39	9 19	0 28	15 41	1 40	6 45	10 3	17 13	16 50	17 50		n.a.
M10	22 50	16 7	4 47	24 49	1 50	25 5	1 29	21 29	0 27	23 5	0 47	1 23	2 39	9 18	0 28	15 42	1 40	6 45	10 3	17 16	16 51	17 51		n.a.
T 11	22 57	18 26	4 20	25 2	1 53	25 2	1 30	21 38	0 28	23 4	0 47	1 23	2 38	9 18	0 28	15 42	1 40	6 45	10 3	17 19	16 52	17 52		n.a.
W12	23 3	19 58	3 41	25 13	1 56	24 58	1 31	21 47	0 28	23 2	0 47	1 23	2 38	9 18	0 28	15 43	1 40	6 45	10 3	17 22	16 53	17 54		n.a.
T 13	23 9	20 38	2 53	25 23	1 58	24 54	1 32	21 56	0 29	23 0	0 47	1 23	2 38	9 17	0 28	15 43	1 40	6 45	10 2	17 25	16 54	17 55		n.a.
F 14	23 15	20 22	1 57	25 31	2 0	24 49	1 33	22 5	0 30	22 58	0 47	1 23	2 38	9 17	0 28	15 44	1 40	6 45	10 2	17 26	16 55	17 56		n.a.
S 15	23 20	19 11	0 56	25 38	2 1	24 43	1 34	22 14	0 30	22 56	0 47	1 23	2 37	9 16	0 28	15 44	1 40	6 45	10 2	17 27	16 55	17 58		n.a.
S 16	23 24	17 6	0s10	25 43	2 3	24 36	1 35	22 22	0 31	22 54	0 47	1 24	2 37	9 16	0 28	15 45	1 40	6 44	10 2	17 27	16 56	17 59		n.a.
M17	23 28	14 12	1 15	25 46	2 3	24 29	1 36	22 30	0 32	22 52	0 47	1 24	2 37	9 16	0 28	15 45	1 40	6 44	10 2	17 27	16 57	18 0		n.a.
T 18	23 32	10 36	2 19	25 47	2 4	24 20	1 36	22 38	0 32	22 50	0 47	1 24	2 36	9 15	0 28	15 46	1 40	6 44	10 2	17 26	16 58	18 1		n.a.
W19	23 35	6 24	3 18	25 47	2 3	24 11	1 37	22 46	0 33	22 47	0 47	1 25	2 36	9 15	0 28	15 46	1 40	6 44	10 1	17 26	16 59	18 3		n.a.
T 20	23 38	1 47	4 7	25 45	2 3	24 2	1 37	22 53	0 34	22 45	0 47	1 25	2 36	9 15	0 28	15 47	1 40	6 44	10 1	17 26	17 0	18 4		n.a.
F 21	23 40	3n 4	4 44	25 41	2 1	23 51	1 38	23 0	0 34	22 43	0 47	1 26	2 35	9 14	0 28	15 47	1 40	6 44	10 1	17 27	17 1	18 5		n.a.
S 22	23 42	7 54	5 5	25 34	2 0	23 40	1 38	23 7	0 35	22 41	0 47	1 26	2 35	9 14	0 28	15 48	1 40	6 44	10 1	17 28	17 2	18 7		n.a.
S 23	23 43	12 25	5 7	25 26	1 57	23 28	1 38	23 14	0 35	22 39	0 47	1 27	2 35	9 14	0 28	15 48	1 40	6 44	10 1	17 30	17 3	18 8		n.a.
M24	23 44	16 16	4 48	25 16	1 54	23 16	1 38	23 20	0 36	22 36	0 47	1 28	2 34	9 13	0 28	15 49	1 40	6 44	10 0	17 32	17 4	18 9		n.a.
T 25	23 44	19 4	4 9	25 4	1 51	23 3	1 38	23 26	0 37	22 34	0 47	1 28	2 34	9 13	0 27	15 49	1 40	6 44	10 0	17 34	17 5	18 10		n.a.
W26	23 44	20 30	3 11	24 50	1 46	22 49	1 39	23 32	0 37	22 32	0 47	1 29	2 34	9 13	0 27	15 50	1 40	6 44	10 0	17 35	17 6	18 12		n.a.
T 27	23 43	20 27	2 1	24 34	1 41	22 34	1 38	23 38	0 38	22 30	0 47	1 30	2 33	9 13	0 27	15 50	1 40	6 44	10 0	17 36	17 6	18 13		n.a.
F 28	23 42	18 58	0 44	24 17	1 36	22 19	1 38	23 43	0 38	22 27	0 47	1 31	2 33	9 13	0 27	15 51	1 40	6 44	10 0	17 37	17 7	18 14		n.a.
S 29	23 40	16 18	0n34	23 57	1 29	22 3	1 38	23 48	0 39	22 25	0 47	1 31	2 33	9 13	0 27	15 51	1 40	6 44	9 59	17 37	17 8	18 15		n.a.
S 30	23 38	12 46	1 48	23 35	1 22	21 46	1 38	23 53	0 40	22 22	0 47	1 32	2 33	9 12	0 27	15 52	1 40	6 44	9 59	17 36	17 9	18 17		n.a.
M31	23s36	8n40	2n53	23s12	1s14	21s29	1s38	23s58	0s40	22s20	0s47	1n33	2s32	9n12	0s27	15s52	1n40	6n44	9s59	17n36	17n10	18s18		n.a.

Julian Day Number = 1601590.5, Delta T = 03h58m49s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'06, Lahiri = - 8°29'05 Julian Calendar 1 Dec. 329 BCE == Greg. Calendar 26 Nov. 329 BCE

The year -328 astronomical counting style corresponds to year 329 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

JANUARY 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 23 43	7♑ 2'13	27♍55	23♑ 4	3♒29	20♐ 0	24♑19	9♈43	24°R33	18♏16	14°R 6	11♌19	12♌46	13♐35	n.a.	T 1
W 2	6 27 40	8° 3'07	10♎33	24°36	4°43	20°47	24°34	9°45	24♈33	18°18	14♉ 5	11°R19	12°43	13°42	n.a.	W 2
T 3	6 31 36	9° 4'00	22°54	26° 5	5°58	21°33	24°48	9°47	24°32	18°19	14° 5	11°18	12°40	13°48	n.a.	T 3
F 4	6 35 33	10° 4'52	5♏ 0	27°31	7°12	22°20	25° 2	9°49	24°32	18°21	14° 4	11°16	12°37	13°55	n.a.	F 4
S 5	6 39 29	11° 5'43	16°58	28°52	8°26	23° 6	25°16	9°51	24°32	18°23	14° 3	11°12	12°34	14° 2	n.a.	S 5
S 6	6 43 26	12° 6'32	28°50	0♒ 8	9°40	23°53	25°30	9°54	24°D32	18°24	14° 3	11° 7	12°31	14° 9	n.a.	S 6
M 7	6 47 23	13° 7'21	10♐40	1°18	10°54	24°39	25°44	9°56	24°32	18°26	14° 2	11° 2	12°27	14°15	n.a.	M 7
T 8	6 51 19	14° 8'08	22°31	2°21	12° 8	25°26	25°59	9°59	24°32	18°27	14° 2	10°57	12°24	14°22	n.a.	T 8
W 9	6 55 16	15° 8'54	4♑24	3°17	13°22	26°13	26°13	10° 1	24°32	18°29	14° 1	10°52	12°21	14°29	n.a.	W 9
T 10	6 59 12	16° 9'39	16°23	4° 5	14°36	26°59	26°27	10° 4	24°33	18°30	14° 1	10°49	12°18	14°35	n.a.	T 10
F 11	7 3 9	17°10'22	28°28	4°44	15°50	27°46	26°42	10° 7	24°33	18°31	14° 0	10°47	12°15	14°42	n.a.	F 11
S 12	7 7 5	18°11'03	10♒41	5°14	17° 4	28°33	26°56	10°10	24°33	18°33	14° 0	10°D46	12°11	14°49	n.a.	S 12
S 13	7 11 2	19°11'42	23° 3	5°34	18°18	29°19	27°10	10°13	24°33	18°34	13°59	10°47	12° 8	14°55	n.a.	S 13
M14	7 14 58	20°12'20	5♓38	5°R44	19°31	0♑ 6	27°25	10°16	24°34	18°35	13°59	10°48	12° 5	15° 2	n.a.	M14
T 15	7 18 55	21°12'56	18°26	5°43	20°45	0°53	27°39	10°20	24°34	18°37	13°59	10°50	12° 2	15° 9	n.a.	T 15
W16	7 22 52	22°13'30	1♈30	5°31	21°59	1°40	27°53	10°23	24°35	18°38	13°58	10°51	11°59	15°16	n.a.	W16
T 17	7 26 48	23°14'02	14°53	5°10	23°12	2°26	28° 8	10°27	24°35	18°39	13°58	10°52	11°56	15°22	n.a.	T 17
F 18	7 30 45	24°14'32	28°36	4°38	24°26	3°13	28°22	10°30	24°36	18°40	13°58	10°R52	11°52	15°29	n.a.	F 18
S 19	7 34 41	25°15'00	12♉39	3°58	25°40	4° 0	28°37	10°34	24°36	18°42	13°57	10°52	11°49	15°36	n.a.	S 19
S 20	7 38 38	26°15'27	27° 2	3°10	26°53	4°47	28°51	10°38	24°37	18°43	13°57	10°50	11°46	15°42	n.a.	S 20
M21	7 42 34	27°15'51	11♊42	2°15	28° 6	5°34	29° 5	10°42	24°38	18°44	13°57	10°49	11°43	15°49	n.a.	M21
T 22	7 46 31	28°16'13	26°34	1°16	29°20	6°20	29°20	10°46	24°39	18°45	13°57	10°47	11°40	15°56	n.a.	T 22
W23	7 50 27	29°16'33	11♋29	0°13	0♓33	7° 7	29°34	10°50	24°40	18°46	13°56	10°46	11°37	16° 2	n.a.	W23
T 24	7 54 24	0♒16'51	26°21	29♑ 7	1°46	7°54	29°49	10°54	24°40	18°47	13°56	10°45	11°33	16° 9	n.a.	T 24
F 25	7 58 21	1°17'07	11♌ 1	28° 2	2°59	8°41	0♒ 3	10°58	24°41	18°48	13°56	10°D45	11°30	16°16	n.a.	F 25
S 26	8 2 17	2°17'21	25°22	26°58	4°13	9°28	0°17	11° 3	24°42	18°49	13°56	10°45	11°27	16°23	n.a.	S 26
S 27	8 6 14	3°17'34	9♍21	25°57	5°26	10°15	0°32	11° 7	24°43	18°50	13°56	10°45	11°24	16°29	n.a.	S 27
M28	8 10 10	4°17'45	22°54	25° 0	6°39	11° 1	0°46	11°11	24°45	18°51	13°56	10°46	11°21	16°36	n.a.	M28
T 29	8 14 7	5°17'54	6♎ 2	24° 7	7°52	11°48	1° 1	11°16	24°46	18°52	13°56	10°47	11°17	16°43	n.a.	T 29
W30	8 18 3	6°18'01	18°48	23°21	9° 4	12°35	1°15	11°21	24°47	18°53	13°56	10°47	11°14	16°49	n.a.	W30
T 31	8 22 0	7♒18'07	1♏13	22♑41	10♓17	13♑22	1♒29	11♈26	24♈48	18♏53	13♉56	10♌47	11♌11	16♐56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s33	4n18	3n47	22s48	1s 5	21s11	1s37	24s 2	0s41	22s17	0s47	1n34	2s32	9n12	0s27	15s53	1n40	6n44	9s59	17n36	17n11	18s19			n.a.
W 2	23 29	0s 7	4 29	22 22	0 55	20 53	1 37	24 6	0 41	22 15	0 47	1 35	2 32	9 12	0 27	15 53	1 40	6 44	9 58	17 36	17 12	18 20			n.a.
T 3	23 25	4 25	4 57	21 55	0 44	20 34	1 36	24 10	0 42	22 12	0 47	1 36	2 31	9 12	0 27	15 53	1 40	6 44	9 58	17 36	17 13	18 22			n.a.
F 4	23 21	8 28	5 11	21 27	0 32	20 14	1 36	24 13	0 43	22 10	0 47	1 38	2 31	9 12	0 27	15 54	1 40	6 44	9 58	17 37	17 14	18 23			n.a.
S 5	23 16	12 8	5 11	20 58	0 20	19 54	1 35	24 16	0 43	22 7	0 48	1 39	2 31	9 12	0 27	15 54	1 40	6 44	9 58	17 38	17 15	18 24			n.a.
S 6	23 10	15 18	4 58	20 29	0 7	19 33	1 34	24 19	0 44	22 5	0 48	1 40	2 30	9 12	0 27	15 55	1 40	6 44	9 58	17 39	17 16	18 25			n.a.
M 7	23 5	17 50	4 32	20 0	0n 8	19 12	1 33	24 22	0 44	22 2	0 48	1 41	2 30	9 12	0 27	15 55	1 40	6 44	9 57	17 40	17 16	18 27			n.a.
T 8	22 58	19 37	3 55	19 31	0 23	18 50	1 32	24 24	0 45	21 59	0 48	1 43	2 30	9 12	0 27	15 55	1 41	6 44	9 57	17 42	17 17	18 28			n.a.
W 9	22 52	20 33	3 7	19 3	0 38	18 28	1 31	24 26	0 46	21 57	0 48	1 44	2 29	9 12	0 27	15 56	1 41	6 44	9 57	17 43	17 18	18 29			n.a.
T 10	22 44	20 34	2 10	18 36	0 54	18 5	1 30	24 28	0 46	21 54	0 48	1 45	2 29	9 12	0 27	15 56	1 41	6 44	9 57	17 44	17 19	18 30			n.a.
F 11	22 37	19 37	1 7	18 10	1 11	17 42	1 29	24 30	0 47	21 51	0 48	1 47	2 29	9 12	0 27	15 56	1 41	6 44	9 56	17 45	17 20	18 32			n.a.
S 12	22 29	17 46	0 1	17 46	1 28	17 18	1 28	24 31	0 47	21 49	0 48	1 48	2 29	9 13	0 27	15 57	1 41	6 45	9 56	17 45	17 21	18 33			n.a.
S 13	22 20	15 3	1s 7	17 25	1 45	16 54	1 27	24 32	0 48	21 46	0 48	1 50	2 28	9 13	0 27	15 57	1 41	6 45	9 56	17 45	17 22	18 34			n.a.
M14	22 12	11 37	2 13	17 6	2 2	16 29	1 25	24 32	0 48	21 43	0 48	1 51	2 28	9 13	0 27	15 57	1 41	6 45	9 56	17 44	17 23	18 35			n.a.
T 15	22 2	7 35	3 13	16 50	2 18	16 4	1 24	24 33	0 49	21 40	0 48	1 53	2 28	9 13	0 27	15 58	1 41	6 45	9 55	17 44	17 24	18 36			n.a.
W16	21 52	3 8	4 5	16 38	2 34	15 39	1 22	24 33	0 49	21 37	0 48	1 54	2 27	9 13	0 27	15 58	1 41	6 45	9 55	17 43	17 25	18 38			n.a.
T 17	21 42	1n34	4 44	16 28	2 50	15 13	1 21	24 33	0 50	21 35	0 48	1 56	2 27	9 14	0 27	15 58	1 41	6 45	9 55	17 43	17 25	18 39			n.a.
F 18	21 32	6 18	5 9	16 22	3 4	14 47	1 19	24 32	0 51	21 32	0 48	1 58	2 27	9 14	0 27	15 59	1 41	6 45	9 55	17 43	17 26	18 40			n.a.
S 19	21 21	10 48	5 16	16 19	3 16	14 20	1 17	24 31	0 51	21 29	0 48	1 59	2 27	9 14	0 27	15 59	1 41	6 46	9 54	17 43	17 27	18 41			n.a.
S 20	21 10	14 49	5 4	16 20	3 27	13 53	1 15	24 30	0 52	21 26	0 48	2 1	2 26	9 14	0 27	15 59	1 41	6 46	9 54	17 44	17 28	18 42			n.a.
M21	20 58	17 59	4 32	16 23	3 36	13 25	1 13	24 29	0 52	21 23	0 49	2 3	2 26	9 15	0 27	15 59	1 41	6 46	9 54	17 44	17 29	18 44			n.a.
T 22	20 46	20 0	3 41	16 30	3 43	12 58	1 11	24 27	0 53	21 20	0 49	2 5	2 26	9 15	0 27	16 0	1 41	6 46	9 54	17 45	17 30	18 45			n.a.
W23	20 33	20 39	2 35	16 38	3 48	12 30	1 9	24 26	0 53	21 17	0 49	2 7	2 25	9 15	0 27	16 0	1 41	6 46	9 53	17 45	17 31	18 46			n.a.
T 24	20 20	19 51	1 19	16 49	3 51	12 1	1 7	24 23	0 54	21 14	0 49	2 9	2 25	9 16	0 27	16 0	1 41	6 46	9 53	17 45	17 32	18 47			n.a.
F 25	20 7	17 42	0n 2	17 2	3 51	11 33	1 5	24 21	0 54	21 11	0 49	2 10	2 25	9 16	0 27	16 0	1 41	6 47	9 53	17 45	17 33	18 48			n.a.
S 26	19 53	14 29	1 20	17 16	3 49	11 4	1 3	24 18	0 55	21 8	0 49	2 12	2 25	9 16	0 26	16 1	1 41	6 47	9 53	17 45	17 33	18 50			n.a.
S 27	19 40	10 30	2 32	17 32	3 45	10 34	1 1	24 15	0 55	21 5	0 49	2 14	2 24	9 17	0 26	16 1	1 41	6 47	9 52	17 45	17 34	18 51			n.a.
M28	19 25	6 6	3 33	17 48	3 39	10 5	0 58	24 12	0 56	21 2	0 49	2 16	2 24	9 17	0 26	16 1	1 41	6 47	9 52	17 45	17 35	18 52			n.a.
T 29	19 11	1 34	4 21	18 4	3 32	9 35	0 56	24 8	0 56	20 59	0 49	2 19	2 24	9 18	0 26	16 1	1 41	6 47	9 52	17 45	17 36	18 53			n.a.
W30	18 56	2s55	4 55	18 21	3 23	9 5	0 53	24 4	0 57	20 56	0 49	2 21	2 24	9 18	0 26	16 1	1 42	6 48	9 52	17 45	17 37	18 54			n.a.
T 31	18s40	7s 9	5n13	18s38	3n13	8s35	0s51	24s 0	0s57	20s52	0s49	2n23	2s23	9n19	0s26	16s 2	1n42	6n48	9s51	17n45	17n38	18s55			n.a.

Julian Day Number = 1601621.5, Delta T = 03h58m48s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°36'02, Lahiri = - 8°29'01 Julian Calendar 1 Jan. 328 BCE == Greg. Calendar 27 Dec. 329 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

FEBRUARY 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 25 56	8♒18'11	13♏22	22°R 7	11♓30	14♉ 9	1♒44	11♈30	24♈49	18♏54	13°D56	10°R47	11♌ 8	17♐ 3	n.a.	F 1
S 2	8 29 53	9°18'13	25°21	21♉40	12°43	14°56	1°58	11°35	24°51	18°55	13♉56	10♌47	11° 5	17° 9	n.a.	S 2
S 3	8 33 50	10°18'14	7♐13	21°20	13°55	15°43	2°13	11°40	24°52	18°56	13°56	10°D47	11° 2	17°16	n.a.	S 3
M 4	8 37 46	11°18'12	19° 3	21° 7	15° 8	16°30	2°27	11°45	24°54	18°56	13°56	10°47	10°58	17°23	n.a.	M 4
T 5	8 41 43	12°18'09	0♉55	21° 1	16°20	17°17	2°41	11°51	24°55	18°57	13°56	10°47	10°55	17°30	n.a.	T 5
W 6	8 45 39	13°18'04	12°52	21°D 1	17°32	18° 4	2°56	11°56	24°57	18°57	13°56	10°47	10°52	17°36	n.a.	W 6
T 7	8 49 36	14°17'58	24°58	21° 7	18°45	18°51	3°10	12° 1	24°58	18°58	13°56	10°48	10°49	17°43	n.a.	T 7
F 8	8 53 32	15°17'49	7♒14	21°19	19°57	19°38	3°24	12° 7	25° 0	18°59	13°56	10°R48	10°46	17°50	n.a.	F 8
S 9	8 57 29	16°17'38	19°42	21°37	21° 9	20°24	3°38	12°12	25° 2	18°59	13°56	10°48	10°43	17°56	n.a.	S 9
S 10	9 1 25	17°17'25	2♓24	21°59	22°21	21°11	3°53	12°18	25° 3	18°59	13°57	10°47	10°39	18° 3	n.a.	S 10
M11	9 5 22	18°17'10	15°19	22°27	23°33	21°58	4° 7	12°23	25° 5	19° 0	13°57	10°47	10°36	18°10	n.a.	M11
T 12	9 9 18	19°16'52	28°28	22°59	24°45	22°45	4°21	12°29	25° 7	19° 0	13°57	10°46	10°33	18°16	n.a.	T 12
W13	9 13 15	20°16'32	11♈50	23°35	25°57	23°32	4°35	12°35	25° 9	19° 1	13°57	10°44	10°30	18°23	n.a.	W13
T 14	9 17 12	21°16'10	25°26	24°16	27° 9	24°19	4°49	12°41	25°11	19° 1	13°58	10°43	10°27	18°30	n.a.	T 14
F 15	9 21 8	22°15'45	9♉14	25° 0	28°20	25° 6	5° 3	12°47	25°13	19° 1	13°58	10°43	10°23	18°36	n.a.	F 15
S 16	9 25 5	23°15'18	23°14	25°48	29°32	25°53	5°17	12°53	25°15	19° 2	13°58	10°D42	10°20	18°43	n.a.	S 16
S 17	9 29 1	24°14'49	7♊25	26°39	0♈43	26°40	5°31	12°59	25°17	19° 2	13°59	10°43	10°17	18°50	n.a.	S 17
M18	9 32 58	25°14'17	21°45	27°33	1°55	27°27	5°45	13° 5	25°19	19° 2	13°59	10°43	10°14	18°57	n.a.	M18
T 19	9 36 54	26°13'43	6♋10	28°30	3° 6	28°13	5°59	13°11	25°21	19° 2	13°59	10°45	10°11	19° 3	n.a.	T 19
W20	9 40 51	27°13'07	20°37	29°30	4°17	29° 0	6°13	13°17	25°23	19° 2	14° 0	10°46	10° 8	19°10	n.a.	W20
T 21	9 44 47	28°12'28	5♌ 2	0♒33	5°28	29°47	6°27	13°24	25°25	19° 2	14° 0	10°R46	10° 4	19°17	n.a.	T 21
F 22	9 48 44	29°11'46	19°20	1°38	6°39	0♒34	6°41	13°30	25°27	19° 3	14° 1	10°46	10° 1	19°23	n.a.	F 22
S 23	9 52 41	0♓11'03	3♍25	2°46	7°50	1°21	6°55	13°36	25°30	19°R 3	14° 1	10°45	9°58	19°30	n.a.	S 23
S 24	9 56 37	1°10'17	17°13	3°55	9° 1	2° 8	7° 9	13°43	25°32	19° 3	14° 2	10°43	9°55	19°37	n.a.	S 24
M25	10 0 34	2° 9'29	0♎43	5° 7	10°11	2°54	7°23	13°49	25°34	19° 3	14° 2	10°40	9°52	19°43	n.a.	M25
T 26	10 4 30	3° 8'39	13°51	6°21	11°22	3°41	7°36	13°56	25°37	19° 2	14° 3	10°37	9°48	19°50	n.a.	T 26
W27	10 8 27	4° 7'47	26°38	7°37	12°32	4°28	7°50	14° 3	25°39	19° 2	14° 3	10°33	9°45	19°57	n.a.	W27
T 28	10 12 23	5♓ 6'54	9♏ 7	8♒55	13♈43	5♒15	8♒ 4	14♈ 9	25♈42	19♏ 2	14♉ 4	10♌30	9♌42	20♐ 3	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s25	11s 0	5n17	18s54	3n 2	8s 5	0s48	23s56	0s58	20s49	0s49	2n25	2s23	9n19	0s26	16s 2	1n42	6n48	9s51	17n45	17n39	18s57		n.a.
S 2	18 9	14 22	5 7	19 10	2 50	7 34	0 46	23 51	0 58	20 46	0 50	2 27	2 23	9 20	0 26	16 2	1 42	6 48	9 51	17 45	17 40	18 58		n.a.
S 3	17 52	17 6	4 44	19 26	2 37	7 4	0 43	23 46	0 59	20 43	0 50	2 29	2 23	9 20	0 26	16 2	1 42	6 49	9 51	17 45	17 41	18 59		n.a.
M 4	17 36	19 8	4 10	19 40	2 24	6 33	0 40	23 41	0 59	20 40	0 50	2 32	2 22	9 21	0 26	16 2	1 42	6 49	9 50	17 45	17 41	19 0		n.a.
T 5	17 19	20 20	3 24	19 54	2 11	6 2	0 37	23 35	1 0	20 37	0 50	2 34	2 22	9 21	0 26	16 2	1 42	6 49	9 50	17 45	17 42	19 1		n.a.
W 6	17 2	20 38	2 29	20 8	1 58	5 30	0 34	23 29	1 0	20 33	0 50	2 36	2 22	9 22	0 26	16 2	1 42	6 49	9 50	17 44	17 43	19 2		n.a.
T 7	16 44	19 59	1 27	20 20	1 44	4 59	0 31	23 23	1 1	20 30	0 50	2 38	2 22	9 23	0 26	16 2	1 42	6 50	9 50	17 44	17 44	19 3		n.a.
F 8	16 27	18 22	0 20	20 31	1 31	4 28	0 28	23 17	1 1	20 27	0 50	2 41	2 21	9 23	0 26	16 3	1 42	6 50	9 49	17 44	17 45	19 5		n.a.
S 9	16 9	15 52	0s49	20 42	1 18	3 56	0 25	23 10	1 1	20 24	0 50	2 43	2 21	9 24	0 26	16 3	1 42	6 50	9 49	17 44	17 46	19 6		n.a.
S 10	15 51	12 34	1 57	20 51	1 5	3 25	0 22	23 4	1 2	20 20	0 50	2 46	2 21	9 25	0 26	16 3	1 42	6 51	9 49	17 44	17 47	19 7		n.a.
M11	15 32	8 37	3 0	20 59	0 52	2 53	0 19	22 56	1 2	20 17	0 50	2 48	2 21	9 25	0 26	16 3	1 42	6 51	9 49	17 45	17 48	19 8		n.a.
T 12	15 13	4 12	3 55	21 6	0 39	2 21	0 16	22 49	1 3	20 14	0 51	2 50	2 20	9 26	0 26	16 3	1 42	6 51	9 48	17 45	17 48	19 9		n.a.
W13	14 54	0n29	4 37	21 12	0 27	1 49	0 13	22 41	1 3	20 10	0 51	2 53	2 20	9 27	0 26	16 3	1 42	6 52	9 48	17 45	17 49	19 10		n.a.
T 14	14 35	5 13	5 6	21 16	0 15	1 18	0 9	22 34	1 4	20 7	0 51	2 55	2 20	9 27	0 26	16 3	1 42	6 52	9 48	17 46	17 50	19 11		n.a.
F 15	14 16	9 45	5 17	21 20	0 4	0 46	0 6	22 25	1 4	20 4	0 51	2 58	2 20	9 28	0 26	16 3	1 42	6 52	9 48	17 46	17 51	19 12		n.a.
S 16	13 56	13 49	5 9	21 22	0s 7	0 14	0 3	22 17	1 4	20 0	0 51	3 0	2 20	9 29	0 26	16 3	1 42	6 53	9 47	17 46	17 52	19 13		n.a.
S 17	13 36	17 10	4 43	21 23	0 18	0n18	0n 1	22 8	1 5	19 57	0 51	3 3	2 19	9 30	0 26	16 3	1 42	6 53	9 47	17 46	17 53	19 15		n.a.
M18	13 16	19 30	3 59	21 22	0 28	0 50	0 4	22 0	1 5	19 53	0 51	3 6	2 19	9 30	0 26	16 3	1 42	6 53	9 47	17 46	17 54	19 16		n.a.
T 19	12 56	20 35	3 0	21 20	0 38	1 22	0 8	21 50	1 6	19 50	0 51	3 8	2 19	9 31	0 26	16 3	1 43	6 54	9 47	17 45	17 55	19 17		n.a.
W20	12 35	20 20	1 49	21 17	0 48	1 54	0 11	21 41	1 6	19 47	0 52	3 11	2 19	9 32	0 26	16 3	1 43	6 54	9 46	17 45	17 55	19 18		n.a.
T 21	12 15	18 44	0 32	21 12	0 57	2 25	0 15	21 31	1 6	19 43	0 52	3 14	2 19	9 33	0 26	16 3	1 43	6 54	9 46	17 45	17 56	19 19		n.a.
F 22	11 54	15 57	0n47	21 6	1 5	2 57	0 18	21 22	1 7	19 40	0 52	3 16	2 18	9 34	0 26	16 3	1 43	6 55	9 46	17 45	17 57	19 20		n.a.
S 23	11 33	12 16	2 2	20 58	1 13	3 29	0 22	21 12	1 7	19 36	0 52	3 19	2 18	9 35	0 26	16 3	1 43	6 55	9 46	17 45	17 58	19 21		n.a.
S 24	11 11	7 59	3 8	20 49	1 21	4 0	0 25	21 1	1 7	19 33	0 52	3 22	2 18	9 36	0 26	16 3	1 43	6 56	9 45	17 46	17 59	19 22		n.a.
M25	10 50	3 24	4 2	20 39	1 28	4 31	0 29	20 51	1 8	19 30	0 52	3 24	2 18	9 36	0 26	16 3	1 43	6 56	9 45	17 46	18 0	19 23		n.a.
T 26	10 29	1s13	4 41	20 27	1 35	5 3	0 32	20 40	1 8	19 26	0 52	3 27	2 18	9 37	0 26	16 3	1 43	6 56	9 45	17 47	18 1	19 24		n.a.
W27	10 7	5 39	5 5	20 14	1 42	5 34	0 36	20 29	1 8	19 23	0 52	3 30	2 17	9 38	0 26	16 3	1 43	6 57	9 45	17 48	18 1	19 25		n.a.
T 28	9s45	9s45	5n14	19s59	1s48	6n 5	0n40	20s18	1s 9	19s19	0s53	3n33	2s17	9n39	0s26	16s 3	1n43	6n57	9s44	17n49	18n 2	19s26		n.a.

Julian Day Number = 1601652.5, Delta T = 03h58m47s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'57, Lahiri = - 8°28'57 Julian Calendar 1 Feb. 328 BCE == Greg. Calendar 27 Jan. 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

MARCH 328 BCE (-327) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 16 20	6♓ 5'58	21♏19	10♒15	14♈53	6♒ 1	8♒17	14♈16	25♈44	19°R 2	14♉ 5	10°R28	9♌39	20♐10	n.a.	F 1
S 2	10 20 16	7° 5'01	3♐20	11°36	16° 3	6°48	8°31	14°23	25°47	19♏ 2	14° 5	10°D27	9°36	20°17	n.a.	S 2
S 3	10 24 13	8° 4'01	15°13	13° 0	17°13	7°35	8°44	14°30	25°49	19° 2	14° 6	10♌27	9°33	20°24	n.a.	S 3
M 4	10 28 9	9° 3'00	27° 3	14°25	18°23	8°22	8°58	14°37	25°52	19° 1	14° 6	10°29	9°29	20°30	n.a.	M 4
T 5	10 32 6	10° 1'57	8♑56	15°52	19°33	9° 8	9°11	14°43	25°54	19° 1	14° 7	10°30	9°26	20°37	n.a.	T 5
W 6	10 36 3	11° 0'52	20°56	17°20	20°42	9°55	9°24	14°50	25°57	19° 1	14° 8	10°32	9°23	20°44	n.a.	W 6
T 7	10 39 59	11°59'45	3♒ 8	18°50	21°52	10°41	9°38	14°57	26° 0	19° 0	14° 9	10°33	9°20	20°50	n.a.	T 7
F 8	10 43 56	12°58'36	15°33	20°22	23° 1	11°28	9°51	15° 5	26° 2	19° 0	14° 9	10°R33	9°17	20°57	n.a.	F 8
S 9	10 47 52	13°57'26	28°16	21°55	24°10	12°15	10° 4	15°12	26° 5	19° 0	14°10	10°32	9°14	21° 4	n.a.	S 9
S 10	10 51 49	14°56'13	11♓17	23°30	25°19	13° 1	10°17	15°19	26° 8	18°59	14°11	10°29	9°10	21°10	n.a.	S 10
M11	10 55 45	15°54'58	24°35	25° 6	26°28	13°48	10°30	15°26	26°11	18°59	14°12	10°24	9° 7	21°17	n.a.	M11
T 12	10 59 42	16°53'41	8♈10	26°44	27°37	14°34	10°43	15°33	26°14	18°58	14°12	10°19	9° 4	21°24	n.a.	T 12
W13	11 3 38	17°52'21	21°59	28°23	28°46	15°21	10°56	15°40	26°17	18°58	14°13	10°13	9° 1	21°30	n.a.	W13
T 14	11 7 35	18°51'00	5♉58	0♓ 4	29°54	16° 7	11° 9	15°48	26°20	18°57	14°14	10° 7	8°58	21°37	n.a.	T 14
F 15	11 11 32	19°49'36	20° 4	1°47	1♉ 3	16°54	11°22	15°55	26°22	18°56	14°15	10° 3	8°54	21°44	n.a.	F 15
S 16	11 15 28	20°48'10	4♊14	3°31	2°11	17°40	11°34	16° 2	26°25	18°56	14°16	10° 0	8°51	21°51	n.a.	S 16
S 17	11 19 25	21°46'42	18°24	5°17	3°19	18°26	11°47	16°10	26°28	18°55	14°17	9°D58	8°48	21°57	n.a.	S 17
M18	11 23 21	22°45'11	2♋34	7° 5	4°27	19°13	12° 0	16°17	26°31	18°54	14°18	9°59	8°45	22° 4	n.a.	M18
T 19	11 27 18	23°43'38	16°42	8°54	5°34	19°59	12°12	16°25	26°34	18°54	14°19	10° 0	8°42	22°11	n.a.	T 19
W20	11 31 14	24°42'03	0♌45	10°44	6°42	20°45	12°25	16°32	26°38	18°53	14°20	10° 1	8°39	22°17	n.a.	W20
T 21	11 35 11	25°40'26	14°42	12°37	7°49	21°32	12°37	16°40	26°41	18°52	14°21	10°R 1	8°35	22°24	n.a.	T 21
F 22	11 39 7	26°38'46	28°33	14°30	8°57	22°18	12°49	16°47	26°44	18°51	14°22	10° 0	8°32	22°31	n.a.	F 22
S 23	11 43 4	27°37'04	12♍13	16°26	10° 4	23° 4	13° 2	16°55	26°47	18°50	14°23	9°56	8°29	22°37	n.a.	S 23
S 24	11 47 0	28°35'20	25°41	18°23	11°10	23°50	13°14	17° 3	26°50	18°50	14°24	9°50	8°26	22°44	n.a.	S 24
M25	11 50 57	29°33'35	8♎55	20°22	12°17	24°36	13°26	17°10	26°53	18°49	14°25	9°43	8°23	22°51	n.a.	M25
T 26	11 54 54	0♈31'47	21°53	22°22	13°23	25°22	13°38	17°18	26°56	18°48	14°26	9°34	8°19	22°57	n.a.	T 26
W27	11 58 50	1°29'58	4♏35	24°24	14°30	26° 9	13°50	17°25	27° 0	18°47	14°27	9°25	8°16	23° 4	n.a.	W27
T 28	12 2 47	2°28'07	17° 0	26°27	15°36	26°55	14° 2	17°33	27° 3	18°46	14°28	9°16	8°13	23°11	n.a.	T 28
F 29	12 6 43	3°26'14	29°12	28°31	16°41	27°41	14°14	17°41	27° 6	18°45	14°29	9° 9	8°10	23°17	n.a.	F 29
S 30	12 10 40	4°24'20	11♐12	0♈37	17°47	28°26	14°25	17°49	27° 9	18°44	14°30	9° 4	8° 7	23°24	n.a.	S 30
S 31	12 14 36	5♈22'24	23♐ 5	2♈44	18♉52	29♒12	14♒37	17♈56	27♈13	18♏43	14♉31	9♌ 1	8♌ 4	23♐31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s23	13s21	5n 9	19s42	1s53	6n36	0n43	20s 7	1s 9	19s16	0s53	3n35	2s17	9n40	0s26	16s 3	1n43	6n57	9s44	17n50	18n 3	19s28		n.a.
S 2	9 1	16 20	4 50	19 24	1 58	7 7	0 47	19 55	1 9	19 12	0 53	3 38	2 17	9 41	0 26	16 2	1 43	6 58	9 44	17 50	18 4	19 29		n.a.
S 3	8 39	18 37	4 19	19 4	2 2	7 37	0 51	19 43	1 10	19 9	0 53	3 41	2 17	9 42	0 26	16 2	1 43	6 58	9 44	17 50	18 5	19 30		n.a.
M 4	8 16	20 6	3 36	18 43	2 7	8 8	0 55	19 31	1 10	19 6	0 53	3 44	2 17	9 43	0 25	16 2	1 43	6 59	9 43	17 50	18 6	19 31		n.a.
T 5	7 54	20 41	2 45	18 21	2 10	8 38	0 58	19 19	1 10	19 2	0 53	3 47	2 16	9 44	0 25	16 2	1 43	6 59	9 43	17 49	18 7	19 32		n.a.
W 6	7 31	20 21	1 45	17 56	2 13	9 8	1 2	19 7	1 11	18 59	0 53	3 50	2 16	9 45	0 25	16 2	1 43	7 0	9 43	17 49	18 7	19 33		n.a.
T 7	7 9	19 2	0 41	17 31	2 16	9 38	1 6	18 54	1 11	18 55	0 54	3 52	2 16	9 46	0 25	16 2	1 43	7 0	9 43	17 48	18 8	19 34		n.a.
F 8	6 46	16 48	0s27	17 3	2 18	10 8	1 9	18 41	1 11	18 52	0 54	3 55	2 16	9 47	0 25	16 2	1 43	7 0	9 43	17 48	18 9	19 35		n.a.
S 9	6 23	13 43	1 35	16 34	2 20	10 37	1 13	18 28	1 11	18 48	0 54	3 58	2 16	9 48	0 25	16 1	1 43	7 1	9 42	17 49	18 10	19 36		n.a.
S 10	6 0	9 53	2 40	16 4	2 21	11 6	1 17	18 15	1 12	18 45	0 54	4 1	2 16	9 49	0 25	16 1	1 43	7 1	9 42	17 50	18 11	19 37		n.a.
M11	5 37	5 29	3 37	15 32	2 21	11 35	1 21	18 2	1 12	18 41	0 54	4 4	2 16	9 50	0 25	16 1	1 44	7 2	9 42	17 51	18 12	19 38		n.a.
T 12	5 14	0 45	4 23	14 58	2 21	12 4	1 24	17 49	1 12	18 38	0 54	4 7	2 15	9 51	0 25	16 1	1 44	7 2	9 42	17 52	18 13	19 39		n.a.
W13	4 51	4n 7	4 55	14 23	2 21	12 32	1 28	17 35	1 12	18 35	0 55	4 10	2 15	9 52	0 25	16 1	1 44	7 3	9 41	17 54	18 13	19 40		n.a.
T 14	4 28	8 49	5 9	13 46	2 20	13 0	1 32	17 21	1 13	18 31	0 55	4 13	2 15	9 53	0 25	16 1	1 44	7 3	9 41	17 56	18 14	19 41		n.a.
F 15	4 5	13 4	5 6	13 8	2 19	13 28	1 35	17 7	1 13	18 28	0 55	4 16	2 15	9 54	0 25	16 0	1 44	7 3	9 41	17 57	18 15	19 42		n.a.
S 16	3 41	16 37	4 43	12 28	2 17	13 55	1 39	16 53	1 13	18 24	0 55	4 19	2 15	9 56	0 25	16 0	1 44	7 4	9 41	17 58	18 16	19 43		n.a.
S 17	3 18	19 11	4 3	11 46	2 14	14 22	1 42	16 39	1 13	18 21	0 55	4 22	2 15	9 57	0 25	16 0	1 44	7 4	9 41	17 58	18 17	19 44		n.a.
M18	2 55	20 34	3 9	11 3	2 11	14 49	1 46	16 24	1 13	18 17	0 55	4 25	2 15	9 58	0 25	16 0	1 44	7 5	9 40	17 58	18 18	19 45		n.a.
T 19	2 31	20 39	2 3	10 18	2 8	15 15	1 49	16 10	1 14	18 14	0 56	4 28	2 15	9 59	0 25	15 59	1 44	7 5	9 40	17 58	18 18	19 46		n.a.
W20	2 8	19 25	0 50	9 32	2 4	15 41	1 53	15 55	1 14	18 11	0 56	4 31	2 14	10 0	0 25	15 59	1 44	7 6	9 40	17 57	18 19	19 47		n.a.
T 21	1 44	17 2	0n25	8 44	1 59	16 7	1 56	15 40	1 14	18 7	0 56	4 34	2 14	10 1	0 25	15 59	1 44	7 6	9 40	17 57	18 20	19 48		n.a.
F 22	1 21	13 40	1 38	7 55	1 54	16 32	2 0	15 25	1 14	18 4	0 56	4 37	2 14	10 2	0 25	15 59	1 44	7 7	9 40	17 58	18 21	19 49		n.a.
S 23	0 58	9 36	2 45	7 5	1 48	16 57	2 3	15 10	1 14	18 1	0 56	4 40	2 14	10 4	0 25	15 58	1 44	7 7	9 39	17 59	18 22	19 50		n.a.
S 24	0 34	5 6	3 41	6 13	1 42	17 22	2 7	14 54	1 14	17 57	0 57	4 43	2 14	10 5	0 25	15 58	1 44	7 8	9 39	18 0	18 23	19 51		n.a.
M25	0 11	0 27	4 24	5 19	1 36	17 46	2 10	14 39	1 15	17 54	0 57	4 46	2 14	10 6	0 25	15 58	1 44	7 8	9 39	18 2	18 24	19 52		n.a.
T 26	0n13	4s 7	4 52	4 25	1 28	18 10	2 13	14 23	1 15	17 51	0 57	4 49	2 14	10 7	0 25	15 58	1 44	7 9	9 39	18 5	18 24	19 53		n.a.
W27	0 36	8 25	5 5	3 29	1 21	18 33	2 16	14 8	1 15	17 47	0 57	4 52	2 14	10 8	0 25	15 57	1 44	7 9	9 39	18 7	18 25	19 54		n.a.
T 28	1 0	12 16	5 4	2 32	1 12	18 56	2 19	13 52	1 15	17 44	0 57	4 55	2 14	10 9	0 25	15 57	1 44	7 10	9 38	18 9	18 26	19 55		n.a.
F 29	1 23	15 32	4 48	1 34	1 4	19 18	2 22	13 36	1 15	17 41	0 58	4 58	2 14	10 11	0 25	15 57	1 44	7 10	9 38	18 11	18 27	19 56		n.a.
S 30	1 46	18 6	4 20	0 35	0 55	19 40	2 25	13 20	1 15	17 38	0 58	5 1	2 13	10 12	0 25	15 56	1 44	7 11	9 38	18 13	18 28	19 57		n.a.
S 31	2n10	19s52	3n41	0n24	0s45	20n 1	2n28	13s 4	1s15	17s34	0s58	5n 4	2s13	10n13	0s25	15s56	1n44	7n11	9s38	18n13	18n29	19s58		n.a.

Julian Day Number = 1601680.5, Delta T = 03h58m46s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'54, Lahiri = - 8°28'53 Julian Calendar 1 March 328 BCE == Greg. Calendar 24 Feb. 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

APRIL 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 18 33	6♈20'27	4♉55	4♈52	19♉58	29♒58	14♒48	18♈ 4	27♈16	18°R42	14♉32	9°D 0	8♌ 0	23♐37	n.a.	M 1
T 2	12 22 29	7°18'28	16°48	7° 1	21° 3	0♓44	15° 0	18°12	27°19	18♏41	14°33	9♌ 1	7°57	23°44	n.a.	T 2
W 3	12 26 26	8°16'28	28°48	9°10	22° 7	1°30	15°11	18°20	27°23	18°40	14°34	9° 2	7°54	23°51	n.a.	W 3
T 4	12 30 23	9°14'26	11♒ 2	11°20	23°12	2°16	15°22	18°28	27°26	18°38	14°36	9°R 2	7°51	23°58	n.a.	T 4
F 5	12 34 19	10°12'23	23°33	13°30	24°16	3° 1	15°33	18°35	27°29	18°37	14°37	9° 1	7°48	24° 4	n.a.	F 5
S 6	12 38 16	11°10'19	6♓25	15°39	25°20	3°47	15°44	18°43	27°33	18°36	14°38	8°58	7°45	24°11	n.a.	S 6
S 7	12 42 12	12° 8'12	19°39	17°49	26°24	4°33	15°55	18°51	27°36	18°35	14°39	8°52	7°41	24°18	n.a.	S 7
M 8	12 46 9	13° 6'05	3♈17	19°57	27°27	5°18	16° 6	18°59	27°39	18°34	14°40	8°44	7°38	24°24	n.a.	M 8
T 9	12 50 5	14° 3'56	17°16	22° 5	28°31	6° 4	16°17	19° 7	27°43	18°32	14°41	8°35	7°35	24°31	n.a.	T 9
W10	12 54 2	15° 1'45	1♉32	24°11	29°34	6°49	16°28	19°15	27°46	18°31	14°43	8°24	7°32	24°38	n.a.	W10
T 11	12 57 58	15°59'32	15°58	26°16	0♊36	7°35	16°38	19°22	27°50	18°30	14°44	8°14	7°29	24°44	n.a.	T 11
F 12	13 1 55	16°57'18	0♊29	28°19	1°39	8°20	16°49	19°30	27°53	18°29	14°45	8° 6	7°25	24°51	n.a.	F 12
S 13	13 5 51	17°55'03	14°58	0♉20	2°41	9° 6	16°59	19°38	27°57	18°27	14°46	8° 0	7°22	24°58	n.a.	S 13
S 14	13 9 48	18°52'45	29°20	2°19	3°42	9°51	17° 9	19°46	28° 0	18°26	14°48	7°56	7°19	25° 4	n.a.	S 14
M15	13 13 45	19°50'26	13♋33	4°16	4°44	10°36	17°19	19°54	28° 3	18°25	14°49	7°55	7°16	25°11	n.a.	M15
T 16	13 17 41	20°48'05	27°34	6° 9	5°45	11°22	17°29	20° 2	28° 7	18°23	14°50	7°D55	7°13	25°18	n.a.	T 16
W17	13 21 38	21°45'42	11♌24	8° 0	6°46	12° 7	17°39	20°10	28°10	18°22	14°52	7°R55	7°10	25°24	n.a.	W17
T 18	13 25 34	22°43'18	25° 2	9°48	7°46	12°52	17°49	20°18	28°14	18°20	14°53	7°54	7° 6	25°31	n.a.	T 18
F 19	13 29 31	23°40'52	8♍30	11°34	8°46	13°37	17°59	20°25	28°17	18°19	14°54	7°51	7° 3	25°38	n.a.	F 19
S 20	13 33 27	24°38'24	21°46	13°16	9°46	14°22	18° 8	20°33	28°21	18°18	14°55	7°45	7° 0	25°44	n.a.	S 20
S 21	13 37 24	25°35'55	4♎52	14°55	10°45	15° 7	18°18	20°41	28°24	18°16	14°57	7°37	6°57	25°51	n.a.	S 21
M22	13 41 20	26°33'25	17°46	16°31	11°44	15°52	18°27	20°49	28°28	18°15	14°58	7°26	6°54	25°58	n.a.	M22
T 23	13 45 17	27°30'53	0♏28	18° 4	12°42	16°37	18°36	20°57	28°31	18°13	14°59	7°13	6°50	26° 4	n.a.	T 23
W24	13 49 14	28°28'20	12°57	19°33	13°40	17°21	18°45	21° 5	28°35	18°12	15° 1	7° 0	6°47	26°11	n.a.	W24
T 25	13 53 10	29°25'46	25°14	20°59	14°38	18° 6	18°54	21°12	28°38	18°10	15° 2	6°48	6°44	26°18	n.a.	T 25
F 26	13 57 7	0♉23'11	7♐20	22°22	15°35	18°51	19° 3	21°20	28°42	18° 9	15° 3	6°37	6°41	26°24	n.a.	F 26
S 27	14 1 3	1°20'36	19°17	23°42	16°32	19°36	19°12	21°28	28°45	18° 7	15° 5	6°29	6°38	26°31	n.a.	S 27
S 28	14 5 0	2°17'59	1♑ 8	24°58	17°28	20°20	19°20	21°36	28°49	18° 6	15° 6	6°24	6°35	26°38	n.a.	S 28
M29	14 8 56	3°15'21	12°57	26°11	18°24	21° 5	19°29	21°44	28°52	18° 4	15° 8	6°21	6°31	26°45	n.a.	M29
T 30	14 12 53	4♉12'43	24♑48	27♉21	19♊19	21♓49	19♒37	21♈51	28♈56	18♏ 3	15♉ 9	6♌19	6♌28	26♐51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n33	20s46	2n52	1n25	0s36	20n22	2n31	12s48	1s15	17s31	0s58	5n 7	2s13	10n14	0s25	15s56	1n44	7n12	9s38	18n14	18n29	19s59		n.a.
T 2	2 56	20 44	1 56	2 26	0 26	20 43	2 34	12 31	1 15	17 28	0 58	5 10	2 13	10 15	0 25	15 55	1 44	7 12	9 38	18 13	18 30	20 0		n.a.
W 3	3 19	19 46	0 55	3 27	0 15	21 3	2 37	12 15	1 15	17 25	0 59	5 13	2 13	10 17	0 25	15 55	1 44	7 12	9 37	18 13	18 31	20 1		n.a.
T 4	3 42	17 51	0s11	4 28	0 5	21 22	2 40	11 58	1 16	17 21	0 59	5 16	2 13	10 18	0 25	15 55	1 44	7 13	9 37	18 13	18 32	20 2		n.a.
F 5	4 5	15 3	1 17	5 29	0n 6	21 41	2 42	11 42	1 16	17 18	0 59	5 19	2 13	10 19	0 25	15 54	1 45	7 13	9 37	18 13	18 33	20 2		n.a.
S 6	4 28	11 27	2 21	6 29	0 17	22 0	2 45	11 25	1 16	17 15	0 59	5 22	2 13	10 20	0 25	15 54	1 45	7 14	9 37	18 14	18 34	20 3		n.a.
S 7	4 51	7 11	3 19	7 30	0 27	22 18	2 47	11 8	1 16	17 12	0 59	5 26	2 13	10 22	0 25	15 54	1 45	7 14	9 37	18 16	18 34	20 4		n.a.
M 8	5 14	2 27	4 7	8 29	0 38	22 35	2 50	10 51	1 16	17 9	1 0	5 29	2 13	10 23	0 25	15 53	1 45	7 15	9 37	18 18	18 35	20 5		n.a.
T 9	5 37	2n31	4 42	9 27	0 48	22 52	2 52	10 34	1 16	17 6	1 0	5 32	2 13	10 24	0 25	15 53	1 45	7 15	9 36	18 20	18 36	20 6		n.a.
W10	5 59	7 27	5 1	10 24	0 59	23 8	2 54	10 17	1 16	17 3	1 0	5 35	2 13	10 25	0 25	15 52	1 45	7 16	9 36	18 23	18 37	20 7		n.a.
T 11	6 22	12 2	5 0	11 19	1 8	23 24	2 56	10 0	1 16	17 0	1 0	5 38	2 13	10 27	0 25	15 52	1 45	7 16	9 36	18 26	18 38	20 8		n.a.
F 12	6 44	15 56	4 40	12 13	1 18	23 39	2 58	9 43	1 16	16 57	1 0	5 41	2 13	10 28	0 25	15 52	1 45	7 17	9 36	18 28	18 38	20 9		n.a.
S 13	7 7	18 51	4 3	13 5	1 27	23 54	3 0	9 25	1 16	16 54	1 1	5 44	2 13	10 29	0 25	15 51	1 45	7 17	9 36	18 30	18 39	20 10		n.a.
S 14	7 29	20 34	3 10	13 55	1 36	24 8	3 2	9 8	1 16	16 51	1 1	5 47	2 13	10 30	0 25	15 51	1 45	7 18	9 36	18 30	18 40	20 11		n.a.
M15	7 51	20 57	2 6	14 43	1 44	24 21	3 4	8 51	1 16	16 48	1 1	5 50	2 13	10 32	0 25	15 50	1 45	7 18	9 36	18 31	18 41	20 12		n.a.
T 16	8 13	20 1	0 55	15 29	1 51	24 34	3 5	8 33	1 16	16 45	1 1	5 53	2 13	10 33	0 25	15 50	1 45	7 19	9 35	18 31	18 42	20 12		n.a.
W17	8 35	17 52	0n18	16 12	1 58	24 46	3 7	8 16	1 16	16 42	1 2	5 56	2 13	10 34	0 25	15 50	1 45	7 19	9 35	18 31	18 43	20 13		n.a.
T 18	8 57	14 44	1 30	16 53	2 4	24 58	3 8	7 58	1 16	16 40	1 2	5 59	2 13	10 35	0 25	15 49	1 45	7 20	9 35	18 31	18 43	20 14		n.a.
F 19	9 18	10 52	2 34	17 32	2 9	25 9	3 9	7 41	1 16	16 37	1 2	6 2	2 12	10 37	0 25	15 49	1 45	7 20	9 35	18 32	18 44	20 15		n.a.
S 20	9 40	6 31	3 30	18 8	2 14	25 19	3 10	7 23	1 16	16 34	1 2	6 5	2 12	10 38	0 25	15 48	1 45	7 21	9 35	18 33	18 45	20 16		n.a.
S 21	10 1	1 55	4 14	18 42	2 18	25 29	3 11	7 5	1 15	16 31	1 3	6 8	2 12	10 39	0 25	15 48	1 45	7 21	9 35	18 36	18 46	20 17		n.a.
M22	10 22	2s42	4 43	19 13	2 21	25 39	3 12	6 48	1 15	16 29	1 3	6 11	2 12	10 41	0 25	15 48	1 45	7 22	9 35	18 38	18 47	20 18		n.a.
T 23	10 43	7 7	4 58	19 43	2 23	25 47	3 13	6 30	1 15	16 26	1 3	6 14	2 12	10 42	0 25	15 47	1 45	7 22	9 35	18 42	18 47	20 19		n.a.
W24	11 4	11 10	4 59	20 9	2 25	25 55	3 13	6 12	1 15	16 23	1 3	6 17	2 12	10 43	0 25	15 47	1 45	7 23	9 35	18 45	18 48	20 20		n.a.
T 25	11 24	14 41	4 45	20 34	2 25	26 3	3 14	5 54	1 15	16 21	1 4	6 20	2 12	10 44	0 25	15 46	1 45	7 23	9 34	18 48	18 49	20 20		n.a.
F 26	11 45	17 33	4 19	20 56	2 25	26 10	3 14	5 37	1 15	16 18	1 4	6 23	2 12	10 46	0 25	15 46	1 45	7 24	9 34	18 51	18 50	20 21		n.a.
S 27	12 5	19 37	3 42	21 15	2 24	26 16	3 14	5 19	1 15	16 16	1 4	6 26	2 12	10 47	0 25	15 45	1 45	7 24	9 34	18 53	18 51	20 22		n.a.
S 28	12 25	20 49	2 55	21 33	2 23	26 22	3 14	5 1	1 15	16 13	1 4	6 29	2 12	10 48	0 25	15 45	1 45	7 25	9 34	18 54	18 51	20 23		n.a.
M29	12 45	21 6	2 0	21 48	2 20	26 27	3 14	4 43	1 15	16 11	1 5	6 31	2 12	10 49	0 25	15 45	1 45	7 25	9 34	18 55	18 52	20 24		n.a.
T 30	13n 5	20s26	1n 1	22n 2	2n17	26n31	3n14	4s25	1s14	16s 9	1s 5	6n34	2s12	10n51	0s25	15s44	1n45	7n25	9s34	18n55	18n53	20s25		n.a.

Julian Day Number = 1601711.5, Delta T = 03h58m45s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'49, Lahiri = - 8°28'49 Julian Calendar 1 Apr. 328 BCE == Greg. Calendar 27 March 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

MAY 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 16 49	5♉10'04	6♒48	28♉26	20♊14	22♓34	19♒45	21♈59	28♈59	18°R 1	15♉10	6°R19	6♌25	26♐58	n.a.	W 1
T 2	14 20 46	6° 7'24	19° 0	29°29	21° 8	23°18	19°53	22° 7	29° 3	17♏59	15°12	6♌19	6°22	27° 5	n.a.	T 2
F 3	14 24 43	7° 4'43	1♓32	0♊27	22° 1	24° 2	20° 1	22°15	29° 6	17°58	15°13	6°18	6°19	27°11	n.a.	F 3
S 4	14 28 39	8° 2'02	14°26	1°22	22°54	24°47	20° 9	22°22	29°10	17°56	15°14	6°14	6°16	27°18	n.a.	S 4
S 5	14 32 36	8°59'20	27°46	2°13	23°47	25°31	20°16	22°30	29°13	17°55	15°16	6° 8	6°12	27°25	n.a.	S 5
M 6	14 36 32	9°56'38	11♈34	3° 0	24°38	26°15	20°24	22°38	29°16	17°53	15°17	6° 0	6° 9	27°31	n.a.	M 6
T 7	14 40 29	10°53'55	25°48	3°43	25°29	26°59	20°31	22°45	29°20	17°51	15°19	5°49	6° 6	27°38	n.a.	T 7
W 8	14 44 25	11°51'11	10♉23	4°22	26°20	27°43	20°38	22°53	29°23	17°50	15°20	5°38	6° 3	27°45	n.a.	W 8
T 9	14 48 22	12°48'26	25°12	4°57	27°10	28°27	20°45	23° 1	29°27	17°48	15°21	5°27	6° 0	27°51	n.a.	T 9
F 10	14 52 18	13°45'41	10♊ 7	5°28	27°59	29°11	20°52	23° 8	29°30	17°47	15°23	5°18	5°56	27°58	n.a.	F 10
S 11	14 56 15	14°42'55	24°58	5°54	28°47	29°55	20°59	23°16	29°34	17°45	15°24	5°11	5°53	28° 5	n.a.	S 11
S 12	15 0 12	15°40'08	9♋39	6°16	29°34	0♈39	21° 5	23°23	29°37	17°43	15°26	5° 7	5°50	28°11	n.a.	S 12
M13	15 4 8	16°37'20	24° 4	6°33	0♋21	1°22	21°12	23°31	29°40	17°42	15°27	5° 5	5°47	28°18	n.a.	M13
T 14	15 8 5	17°34'31	8♌11	6°46	1° 7	2° 6	21°18	23°38	29°44	17°40	15°28	5°D 5	5°44	28°25	n.a.	T 14
W15	15 12 1	18°31'42	21°59	6°54	1°52	2°50	21°24	23°46	29°47	17°39	15°30	5°R 5	5°41	28°31	n.a.	W15
T 16	15 15 58	19°28'51	5♍29	6°R58	2°36	3°33	21°30	23°53	29°50	17°37	15°31	5° 4	5°37	28°38	n.a.	T 16
F 17	15 19 54	20°26'00	18°43	6°57	3°19	4°17	21°36	24° 0	29°54	17°35	15°33	5° 2	5°34	28°45	n.a.	F 17
S 18	15 23 51	21°23'08	1♎43	6°52	4° 1	5° 0	21°42	24° 8	29°57	17°34	15°34	4°56	5°31	28°51	n.a.	S 18
S 19	15 27 48	22°20'15	14°30	6°42	4°43	5°43	21°47	24°15	0♉ 0	17°32	15°35	4°48	5°28	28°58	n.a.	S 19
M20	15 31 44	23°17'22	27° 5	6°28	5°23	6°27	21°52	24°22	0° 4	17°30	15°37	4°38	5°25	29° 5	n.a.	M20
T 21	15 35 41	24°14'28	9♏31	6°10	6° 2	7°10	21°57	24°29	0° 7	17°29	15°38	4°26	5°22	29°11	n.a.	T 21
W22	15 39 37	25°11'34	21°46	5°48	6°39	7°53	22° 2	24°37	0°10	17°27	15°39	4°14	5°18	29°18	n.a.	W22
T 23	15 43 34	26° 8'40	3♐52	5°23	7°16	8°36	22° 7	24°44	0°13	17°26	15°41	4° 3	5°15	29°25	n.a.	T 23
F 24	15 47 30	27° 5'45	15°51	4°55	7°51	9°19	22°12	24°51	0°17	17°24	15°42	3°53	5°12	29°31	n.a.	F 24
S 25	15 51 27	28° 2'51	27°43	4°24	8°26	10° 2	22°16	24°58	0°20	17°22	15°44	3°45	5° 9	29°38	n.a.	S 25
S 26	15 55 23	28°59'56	9♑32	3°51	8°58	10°45	22°20	25° 5	0°23	17°21	15°45	3°40	5° 6	29°45	n.a.	S 26
M27	15 59 20	29°57'02	21°20	3°17	9°30	11°27	22°24	25°12	0°26	17°19	15°46	3°37	5° 2	29°51	n.a.	M27
T 28	16 3 17	0♊54'07	3♒11	2°42	10° 0	12°10	22°28	25°19	0°29	17°18	15°48	3°D36	4°59	29°58	n.a.	T 28
W29	16 7 13	1°51'13	15°10	2° 6	10°28	12°53	22°32	25°26	0°32	17°16	15°49	3°36	4°56	0♑ 5	n.a.	W29
T 30	16 11 10	2°48'18	27°22	1°30	10°55	13°35	22°36	25°33	0°35	17°15	15°50	3°R37	4°53	0°11	n.a.	T 30
F 31	16 15 6	3♊45'24	9♓52	0♊55	11♋21	14♈18	22♒39	25♈39	0♉38	17♏13	15♉52	3♌37	4♌50	0♑18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	13n24	18s51	0s 3	22n13	2n13	26n35	3n13	4s 7	1s14	16s 6	1s 5	6n37	2s12	10n52	0s25	15s44	1n45	7n26	9s34	18n55	18n54	20s25			n.a.
T 2	13 44	16 22	1 7	22 22	2 8	26 38	3 13	3 49	1 14	16 4	1 5	6 40	2 13	10 53	0 25	15 43	1 45	7 26	9 34	18 55	18 55	20 26			n.a.
F 3	14 3	13 4	2 9	22 29	2 2	26 41	3 12	3 31	1 14	16 2	1 6	6 43	2 13	10 54	0 25	15 43	1 45	7 27	9 34	18 56	18 55	20 27			n.a.
S 4	14 21	9 4	3 7	22 34	1 55	26 43	3 11	3 14	1 14	15 59	1 6	6 46	2 13	10 56	0 25	15 42	1 45	7 27	9 34	18 57	18 56	20 28			n.a.
S 5	14 40	4 30	3 57	22 37	1 48	26 45	3 10	2 56	1 14	15 57	1 6	6 49	2 13	10 57	0 25	15 42	1 45	7 28	9 34	18 58	18 57	20 29			n.a.
M 6	14 59	0n26	4 34	22 38	1 39	26 46	3 8	2 38	1 13	15 55	1 7	6 52	2 13	10 58	0 25	15 41	1 45	7 28	9 34	19 0	18 58	20 30			n.a.
T 7	15 17	5 30	4 56	22 38	1 30	26 46	3 7	2 20	1 13	15 53	1 7	6 54	2 13	10 59	0 25	15 41	1 45	7 29	9 34	19 3	18 59	20 30			n.a.
W 8	15 35	10 22	5 0	22 35	1 20	26 46	3 5	2 2	1 13	15 51	1 7	6 57	2 13	11 1	0 25	15 41	1 45	7 29	9 33	19 6	18 59	20 31			n.a.
T 9	15 52	14 43	4 43	22 31	1 9	26 45	3 3	1 44	1 13	15 49	1 7	7 0	2 13	11 2	0 25	15 40	1 45	7 30	9 33	19 8	19 0	20 32			n.a.
F 10	16 10	18 9	4 8	22 25	0 58	26 44	3 1	1 26	1 13	15 47	1 8	7 3	2 13	11 3	0 25	15 40	1 45	7 30	9 33	19 11	19 1	20 33			n.a.
S 11	16 27	20 23	3 15	22 18	0 46	26 42	2 59	1 8	1 12	15 45	1 8	7 6	2 13	11 4	0 25	15 39	1 45	7 30	9 33	19 12	19 2	20 34			n.a.
S 12	16 44	21 13	2 10	22 9	0 33	26 40	2 56	0 50	1 12	15 43	1 8	7 8	2 13	11 5	0 25	15 39	1 45	7 31	9 33	19 13	19 3	20 34			n.a.
M13	17 1	20 37	0 58	21 59	0 19	26 37	2 53	0 33	1 12	15 41	1 9	7 11	2 13	11 7	0 25	15 38	1 45	7 31	9 33	19 14	19 3	20 35			n.a.
T 14	17 17	18 43	0n16	21 47	0 5	26 34	2 50	0 15	1 12	15 40	1 9	7 14	2 13	11 8	0 25	15 38	1 45	7 32	9 33	19 14	19 4	20 36			n.a.
W15	17 33	15 45	1 28	21 34	0s10	26 30	2 47	0n 3	1 11	15 38	1 9	7 16	2 13	11 9	0 25	15 37	1 45	7 32	9 33	19 14	19 5	20 37			n.a.
T 16	17 49	12 0	2 34	21 19	0 26	26 26	2 44	0 21	1 11	15 36	1 9	7 19	2 13	11 10	0 25	15 37	1 45	7 33	9 33	19 14	19 6	20 38			n.a.
F 17	18 5	7 43	3 29	21 3	0 41	26 21	2 40	0 38	1 11	15 35	1 10	7 22	2 13	11 11	0 25	15 36	1 45	7 33	9 33	19 15	19 7	20 38			n.a.
S 18	18 20	3 10	4 13	20 46	0 58	26 16	2 36	0 56	1 10	15 33	1 10	7 24	2 13	11 13	0 25	15 36	1 45	7 33	9 33	19 16	19 7	20 39			n.a.
S 19	18 35	1s26	4 43	20 29	1 14	26 10	2 32	1 14	1 10	15 32	1 10	7 27	2 13	11 14	0 25	15 36	1 45	7 34	9 33	19 18	19 8	20 40			n.a.
M20	18 49	5 55	4 59	20 10	1 31	26 4	2 27	1 31	1 10	15 30	1 11	7 30	2 13	11 15	0 25	15 35	1 45	7 34	9 33	19 20	19 9	20 41			n.a.
T 21	19 4	10 5	5 1	19 51	1 47	25 58	2 22	1 49	1 10	15 29	1 11	7 32	2 13	11 16	0 25	15 35	1 45	7 35	9 33	19 23	19 10	20 41			n.a.
W22	19 18	13 48	4 48	19 31	2 4	25 51	2 17	2 6	1 9	15 27	1 11	7 35	2 14	11 17	0 25	15 34	1 45	7 35	9 33	19 26	19 11	20 42			n.a.
T 23	19 32	16 53	4 23	19 10	2 20	25 44	2 12	2 24	1 9	15 26	1 12	7 37	2 14	11 18	0 25	15 34	1 45	7 35	9 33	19 29	19 11	20 43			n.a.
F 24	19 45	19 14	3 46	18 50	2 36	25 36	2 7	2 41	1 9	15 25	1 12	7 40	2 14	11 19	0 25	15 33	1 45	7 36	9 33	19 31	19 12	20 44			n.a.
S 25	19 58	20 44	2 59	18 29	2 51	25 28	2 1	2 59	1 8	15 24	1 12	7 42	2 14	11 21	0 25	15 33	1 45	7 36	9 33	19 33	19 13	20 44			n.a.
S 26	20 11	21 19	2 5	18 9	3 5	25 20	1 54	3 16	1 8	15 23	1 13	7 45	2 14	11 22	0 25	15 33	1 45	7 37	9 33	19 34	19 14	20 45			n.a.
M27	20 23	20 57	1 5	17 49	3 19	25 11	1 48	3 33	1 8	15 22	1 13	7 47	2 14	11 23	0 25	15 32	1 45	7 37	9 33	19 35	19 14	20 46			n.a.
T 28	20 35	19 39	0 2	17 30	3 32	25 2	1 41	3 50	1 7	15 21	1 13	7 50	2 14	11 24	0 25	15 32	1 45	7 37	9 33	19 35	19 15	20 47			n.a.
W29	20 47	17 28	1s 2	17 11	3 43	24 53	1 34	4 7	1 7	15 20	1 13	7 52	2 14	11 25	0 25	15 31	1 45	7 38	9 33	19 35	19 16	20 47			n.a.
T 30	20 59	14 28	2 4	16 54	3 54	24 43	1 27	4 24	1 6	15 19	1 14	7 55	2 14	11 26	0 25	15 31	1 45	7 38	9 33	19 35	19 17	20 48			n.a.
F 31	21n10	10s46	3s 2	16n38	4s 3	24n33	1n19	4n41	1s 6	15s18	1s14	7n57	2s14	11n27	0s25	15s30	1n45	7n38	9s33	19n35	19n18	20s49			n.a.

Julian Day Number = 1601741.5, Delta T = 03h58m44s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'45, Lahiri = - 8°28'45 Julian Calendar 1 May 328 BCE == Greg. Calendar 26 Apr. 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

JUNE 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 3	4♊42'30	22♓44	0°R22	11♋45	15♈ 0	22♒42	25♈46	0♉42	17°R12	15♉53	3°R35	4♌47	0♑25	n.a.	S 1
S 2	16 22 59	5°39'37	6♈ 3	29♉50	12° 7	15°43	22°45	25°53	0°45	17♏10	15°54	3♌32	4°43	0°31	n.a.	S 2
M 3	16 26 56	6°36'44	19°50	29°22	12°27	16°25	22°48	25°59	0°48	17° 9	15°56	3°26	4°40	0°38	n.a.	M 3
T 4	16 30 52	7°33'51	4♉ 7	28°56	12°46	17° 7	22°51	26° 6	0°50	17° 7	15°57	3°19	4°37	0°45	n.a.	T 4
W 5	16 34 49	8°30'59	18°48	28°34	13° 2	17°49	22°53	26°13	0°53	17° 6	15°58	3°11	4°34	0°51	n.a.	W 5
T 6	16 38 46	9°28'07	3♊48	28°15	13°17	18°31	22°55	26°19	0°56	17° 4	16° 0	3° 3	4°31	0°58	n.a.	T 6
F 7	16 42 42	10°25'15	18°57	28° 1	13°30	19°13	22°57	26°26	0°59	17° 3	16° 1	2°56	4°28	1° 5	n.a.	F 7
S 8	16 46 39	11°22'24	4♋ 6	27°52	13°41	19°55	22°59	26°32	1° 2	17° 1	16° 2	2°51	4°24	1°11	n.a.	S 8
S 9	16 50 35	12°19'32	19° 4	27°D47	13°49	20°37	23° 1	26°38	1° 5	17° 0	16° 4	2°48	4°21	1°18	n.a.	S 9
M10	16 54 32	13°16'41	3♌45	27°47	13°56	21°19	23° 2	26°45	1° 8	16°58	16° 5	2°D47	4°18	1°25	n.a.	M10
T 11	16 58 28	14°13'50	18° 4	27°53	14° 0	22° 0	23° 4	26°51	1°10	16°57	16° 6	2°48	4°15	1°31	n.a.	T 11
W12	17 2 25	15°10'59	1♍59	28° 4	14°R 2	22°42	23° 5	26°57	1°13	16°56	16° 7	2°49	4°12	1°38	n.a.	W12
T 13	17 6 22	16° 8'08	15°31	28°20	14° 2	23°23	23° 6	27° 3	1°16	16°54	16° 9	2°R50	4° 8	1°45	n.a.	T 13
F 14	17 10 18	17° 5'17	28°42	28°41	13°59	24° 5	23° 6	27° 9	1°19	16°53	16°10	2°49	4° 5	1°51	n.a.	F 14
S 15	17 14 15	18° 2'26	11♎34	29° 8	13°54	24°46	23° 7	27°15	1°21	16°52	16°11	2°47	4° 2	1°58	n.a.	S 15
S 16	17 18 11	18°59'36	24°10	29°41	13°47	25°27	23° 7	27°21	1°24	16°50	16°12	2°42	3°59	2° 5	n.a.	S 16
M17	17 22 8	19°56'46	6♏33	0♊19	13°37	26° 8	23°R 7	27°27	1°26	16°49	16°13	2°36	3°56	2°11	n.a.	M17
T 18	17 26 4	20°53'56	18°46	1° 2	13°25	26°50	23° 7	27°33	1°29	16°48	16°15	2°29	3°53	2°18	n.a.	T 18
W19	17 30 1	21°51'07	0♐50	1°50	13°10	27°30	23° 7	27°38	1°32	16°46	16°16	2°22	3°49	2°25	n.a.	W19
T 20	17 33 57	22°48'19	12°47	2°44	12°53	28°11	23° 7	27°44	1°34	16°45	16°17	2°15	3°46	2°31	n.a.	T 20
F 21	17 37 54	23°45'31	24°39	3°43	12°34	28°52	23° 6	27°49	1°36	16°44	16°18	2° 9	3°43	2°38	n.a.	F 21
S 22	17 41 51	24°42'44	6♑29	4°47	12°13	29°33	23° 5	27°55	1°39	16°43	16°19	2° 4	3°40	2°45	n.a.	S 22
S 23	17 45 47	25°39'57	18°17	5°57	11°49	0♉14	23° 4	28° 0	1°41	16°42	16°20	2° 2	3°37	2°51	n.a.	S 23
M24	17 49 44	26°37'12	0♒ 7	7°11	11°24	0°54	23° 3	28° 6	1°44	16°40	16°21	2°D 1	3°34	2°58	n.a.	M24
T 25	17 53 40	27°34'27	12° 1	8°30	10°56	1°35	23° 2	28°11	1°46	16°39	16°23	2° 1	3°30	3° 5	n.a.	T 25
W26	17 57 37	28°31'44	24° 3	9°53	10°27	2°15	23° 0	28°16	1°48	16°38	16°24	2° 2	3°27	3°11	n.a.	W26
T 27	18 1 33	29°29'02	6♓17	11°22	9°56	2°55	22°58	28°21	1°50	16°37	16°25	2° 4	3°24	3°18	n.a.	T 27
F 28	18 5 30	0♋26'20	18°47	12°54	9°23	3°36	22°56	28°26	1°53	16°36	16°26	2° 5	3°21	3°25	n.a.	F 28
S 29	18 9 26	1°23'40	1♈38	14°31	8°49	4°16	22°54	28°31	1°55	16°35	16°27	2°R 6	3°18	3°31	n.a.	S 29
S 30	18 13 23	2♋21'01	14♈52	16♊12	8♋14	4♉56	22♒51	28♈36	1♉57	16♏34	16♉28	2♌ 5	3♌14	3♑38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n20	6s28	3s52	16n24	4s10	24n23	1n11	4n58	1s 6	15s17	1s14	7n59	2s15	11n28	0s25	15s30	1n45	7n39	9s33	19n35	19n18	20s49		n.a.
S 2	21 31	1 43	4 32	16 11	4 16	24 12	1 2	5 15	1 5	15 16	1 15	8 2	2 15	11 29	0 25	15 30	1 45	7 39	9 33	19 36	19 19	20 50		n.a.
M 3	21 41	3n16	4 58	16 1	4 21	24 2	0 53	5 32	1 5	15 16	1 15	8 4	2 15	11 30	0 25	15 29	1 45	7 39	9 33	19 38	19 20	20 51		n.a.
T 4	21 50	8 15	5 6	15 52	4 24	23 51	0 44	5 49	1 4	15 15	1 15	8 6	2 15	11 31	0 25	15 29	1 45	7 40	9 33	19 39	19 21	20 51		n.a.
W 5	22 0	12 54	4 55	15 46	4 26	23 40	0 35	6 5	1 4	15 15	1 16	8 9	2 15	11 32	0 25	15 28	1 45	7 40	9 33	19 41	19 21	20 52		n.a.
T 6	22 9	16 51	4 23	15 41	4 26	23 28	0 25	6 22	1 4	15 14	1 16	8 11	2 15	11 33	0 25	15 28	1 45	7 40	9 33	19 43	19 22	20 53		n.a.
F 7	22 17	19 43	3 33	15 40	4 25	23 17	0 15	6 38	1 3	15 14	1 16	8 13	2 15	11 34	0 25	15 28	1 45	7 41	9 33	19 45	19 23	20 54		n.a.
S 8	22 25	21 12	2 28	15 40	4 22	23 5	0 4	6 55	1 3	15 14	1 17	8 15	2 15	11 35	0 25	15 27	1 45	7 41	9 33	19 46	19 24	20 54		n.a.
S 9	22 33	21 9	1 13	15 43	4 18	22 54	0s 7	7 11	1 2	15 13	1 17	8 18	2 16	11 36	0 25	15 27	1 45	7 41	9 33	19 46	19 24	20 55		n.a.
M10	22 40	19 38	0n 5	15 48	4 13	22 42	0 18	7 27	1 2	15 13	1 17	8 20	2 16	11 37	0 25	15 27	1 45	7 42	9 33	19 47	19 25	20 56		n.a.
T 11	22 47	16 54	1 22	15 55	4 7	22 30	0 29	7 44	1 1	15 13	1 18	8 22	2 16	11 38	0 25	15 26	1 44	7 42	9 34	19 46	19 26	20 56		n.a.
W12	22 54	13 14	2 31	16 5	4 0	22 18	0 41	8 0	1 1	15 13	1 18	8 24	2 16	11 39	0 25	15 26	1 44	7 42	9 34	19 46	19 27	20 57		n.a.
T 13	23 0	9 0	3 30	16 16	3 52	22 6	0 54	8 16	1 0	15 13	1 18	8 26	2 16	11 40	0 25	15 25	1 44	7 43	9 34	19 46	19 27	20 58		n.a.
F 14	23 6	4 26	4 16	16 30	3 42	21 53	1 6	8 31	1 0	15 13	1 19	8 28	2 16	11 41	0 25	15 25	1 44	7 43	9 34	19 46	19 28	20 58		n.a.
S 15	23 11	0s13	4 48	16 45	3 32	21 41	1 19	8 47	0 59	15 13	1 19	8 30	2 16	11 42	0 25	15 25	1 44	7 43	9 34	19 47	19 29	20 59		n.a.
S 16	23 16	4 45	5 6	17 3	3 22	21 29	1 32	9 3	0 59	15 13	1 19	8 32	2 17	11 43	0 25	15 24	1 44	7 43	9 34	19 48	19 30	21 0		n.a.
M17	23 21	9 1	5 8	17 22	3 10	21 17	1 46	9 19	0 58	15 14	1 20	8 34	2 17	11 44	0 25	15 24	1 44	7 44	9 34	19 49	19 31	21 0		n.a.
T 18	23 25	12 52	4 57	17 42	2 58	21 4	1 59	9 34	0 58	15 14	1 20	8 36	2 17	11 45	0 25	15 24	1 44	7 44	9 34	19 51	19 31	21 1		n.a.
W19	23 29	16 8	4 32	18 4	2 46	20 52	2 13	9 49	0 57	15 14	1 20	8 38	2 17	11 46	0 25	15 23	1 44	7 44	9 34	19 52	19 32	21 1		n.a.
T 20	23 32	18 43	3 56	18 28	2 33	20 40	2 27	10 5	0 57	15 15	1 21	8 40	2 17	11 47	0 25	15 23	1 44	7 44	9 34	19 54	19 33	21 2		n.a.
F 21	23 35	20 28	3 9	18 52	2 20	20 28	2 41	10 20	0 56	15 15	1 21	8 42	2 17	11 47	0 25	15 23	1 44	7 45	9 34	19 55	19 34	21 3		n.a.
S 22	23 38	21 20	2 15	19 17	2 7	20 15	2 55	10 35	0 56	15 16	1 21	8 43	2 17	11 48	0 25	15 22	1 44	7 45	9 34	19 56	19 34	21 3		n.a.
S 23	23 40	21 14	1 14	19 43	1 53	20 3	3 9	10 50	0 55	15 17	1 22	8 45	2 18	11 49	0 25	15 22	1 44	7 45	9 34	19 57	19 35	21 4		n.a.
M24	23 41	20 12	0 10	20 9	1 39	19 51	3 24	11 5	0 55	15 17	1 22	8 47	2 18	11 50	0 25	15 22	1 44	7 45	9 34	19 57	19 36	21 5		n.a.
T 25	23 43	18 16	0s54	20 35	1 25	19 40	3 38	11 19	0 54	15 18	1 22	8 49	2 18	11 51	0 25	15 22	1 44	7 46	9 35	19 57	19 37	21 5		n.a.
W26	23 44	15 31	1 58	21 2	1 11	19 28	3 52	11 34	0 53	15 19	1 23	8 51	2 18	11 52	0 25	15 21	1 44	7 46	9 35	19 57	19 37	21 6		n.a.
T 27	23 44	12 3	2 57	21 28	0 58	19 16	4 6	11 48	0 53	15 20	1 23	8 52	2 18	11 52	0 25	15 21	1 44	7 46	9 35	19 57	19 38	21 6		n.a.
F 28	23 44	7 59	3 49	21 54	0 44	19 5	4 19	12 3	0 52	15 21	1 23	8 54	2 18	11 53	0 25	15 21	1 44	7 46	9 35	19 56	19 39	21 7		n.a.
S 29	23 44	3 29	4 31	22 19	0 31	18 54	4 33	12 17	0 52	15 22	1 24	8 55	2 19	11 54	0 25	15 21	1 44	7 46	9 35	19 56	19 40	21 8		n.a.
S 30	23n43	1n20	5s 0	22n43	0s18	18n43	4s46	12n31	0s51	15s23	1s24	8n57	2s19	11n55	0s25	15s20	1n44	7n46	9s35	19n56	19n40	21s 8		n.a.

Julian Day Number = 1601772.5, Delta T = 03h58m43s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'41, Lahiri = - 8°28'41 Julian Calendar 1 June 328 BCE == Greg. Calendar 27 May 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

JULY 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 17 20	3♋18'24	28♈33	17♊56	7°R39	5♉36	22°R49	28♈41	1♉59	16°R33	16♉29	2°R 3	3♌11	3♏45	n.a.	M 1
T 2	18 21 16	4°15'47	12♉42	19°44	7♋ 2	6°15	22♒46	28°46	2° 1	16♏32	16°30	2♌ 1	3° 8	3°51	n.a.	T 2
W 3	18 25 13	5°13'13	27°17	21°35	6°25	6°55	22°43	28°51	2° 3	16°31	16°31	1°57	3° 5	3°58	n.a.	W 3
T 4	18 29 9	6°10'39	12♊12	23°28	5°48	7°35	22°40	28°55	2° 5	16°30	16°32	1°53	3° 2	4° 5	n.a.	T 4
F 5	18 33 6	7° 8'07	27°21	25°24	5°11	8°14	22°37	29° 0	2° 7	16°29	16°33	1°50	2°59	4°11	n.a.	F 5
S 6	18 37 2	8° 5'36	12♋34	27°23	4°34	8°54	22°33	29° 4	2° 9	16°28	16°34	1°48	2°55	4°18	n.a.	S 6
S 7	18 40 59	9° 3'06	27°41	29°22	3°58	9°33	22°29	29° 9	2°10	16°28	16°35	1°D48	2°52	4°25	n.a.	S 7
M 8	18 44 55	10° 0'37	12♌34	1♋24	3°23	10°13	22°26	29°13	2°12	16°27	16°36	1°48	2°49	4°31	n.a.	M 8
T 9	18 48 52	10°58'10	27° 5	3°26	2°48	10°52	22°22	29°17	2°14	16°26	16°36	1°49	2°46	4°38	n.a.	T 9
W10	18 52 49	11°55'43	11♍11	5°29	2°14	11°31	22°17	29°21	2°16	16°25	16°37	1°50	2°43	4°45	n.a.	W10
T 11	18 56 45	12°53'17	24°51	7°32	1°42	12°10	22°13	29°25	2°17	16°25	16°38	1°51	2°40	4°51	n.a.	T 11
F 12	19 0 42	13°50'52	8♎ 5	9°35	1°12	12°49	22° 8	29°29	2°19	16°24	16°39	1°R52	2°36	4°58	n.a.	F 12
S 13	19 4 38	14°48'29	20°57	11°38	0°43	13°27	22° 4	29°33	2°20	16°23	16°40	1°52	2°33	5° 5	n.a.	S 13
S 14	19 8 35	15°46'06	3♏30	13°41	0°15	14° 6	21°59	29°36	2°22	16°23	16°41	1°51	2°30	5°11	n.a.	S 14
M15	19 12 31	16°43'45	15°47	15°43	29♊50	14°44	21°54	29°40	2°23	16°22	16°41	1°50	2°27	5°18	n.a.	M15
T 16	19 16 28	17°41'24	27°52	17°44	29°27	15°23	21°48	29°44	2°25	16°21	16°42	1°48	2°24	5°25	n.a.	T 16
W17	19 20 24	18°39'06	9♐49	19°45	29° 6	16° 1	21°43	29°47	2°26	16°21	16°43	1°46	2°20	5°31	n.a.	W17
T 18	19 24 21	19°36'48	21°41	21°44	28°47	16°39	21°37	29°50	2°28	16°20	16°44	1°44	2°17	5°38	n.a.	T 18
F 19	19 28 18	20°34'32	3♑30	23°42	28°31	17°17	21°32	29°54	2°29	16°20	16°44	1°43	2°14	5°45	n.a.	F 19
S 20	19 32 14	21°32'17	15°19	25°39	28°17	17°55	21°26	29°57	2°30	16°19	16°45	1°42	2°11	5°51	n.a.	S 20
S 21	19 36 11	22°30'04	27°10	27°35	28° 5	18°33	21°20	29°59	2°31	16°19	16°46	1°D41	2° 8	5°58	n.a.	S 21
M22	19 40 7	23°27'52	9♒ 6	29°30	27°56	19°11	21°14	0♉ 3	2°32	16°19	16°46	1°41	2° 5	6° 5	n.a.	M22
T 23	19 44 4	24°25'42	21° 8	1♌23	27°49	19°49	21° 8	0° 6	2°34	16°18	16°47	1°42	2° 1	6°11	n.a.	T 23
W24	19 48 0	25°23'34	3♓20	3°15	27°45	20°26	21° 1	0° 8	2°35	16°18	16°48	1°42	1°58	6°18	n.a.	W24
T 25	19 51 57	26°21'28	15°43	5° 6	27°D42	21° 4	20°55	0°11	2°36	16°18	16°48	1°43	1°55	6°25	n.a.	T 25
F 26	19 55 53	27°19'23	28°20	6°55	27°43	21°41	20°48	0°14	2°37	16°17	16°49	1°43	1°52	6°31	n.a.	F 26
S 27	19 59 50	28°17'20	11♈14	8°43	27°45	22°18	20°41	0°16	2°37	16°17	16°50	1°44	1°49	6°38	n.a.	S 27
S 28	20 3 47	29°15'20	24°27	10°30	27°50	22°55	20°35	0°18	2°38	16°17	16°50	1°R44	1°45	6°45	n.a.	S 28
M29	20 7 43	0♌13'21	8♉ 2	12°16	27°57	23°32	20°28	0°21	2°39	16°17	16°51	1°44	1°42	6°51	n.a.	M29
T 30	20 11 40	1°11'25	22° 0	14° 0	28° 7	24° 9	20°20	0°23	2°40	16°17	16°51	1°D44	1°39	6°58	n.a.	T 30
W31	20 15 36	2♌ 9'30	6♊19	15♌43	28♊18	24♉46	20♒13	0♉25	2♉41	16♏16	16♉52	1♌44	1♌36	7♏ 5	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n41	6n13	5s13	23n 6	0s 5	18n33	4s58	12n45	0s50	15s24	1s24	8n59	2s19	11n55	0s25	15s20	1n44	7n47	9s35	19n57	19n41	21s 9			n.a.
T 2	23 40	10 57	5 8	23 27	0n 7	18 23	5 10	12 59	0 50	15 25	1 25	9 0	2 19	11 56	0 25	15 20	1 44	7 47	9 35	19 57	19 42	21 9			n.a.
W 3	23 38	15 11	4 44	23 46	0 19	18 13	5 22	13 13	0 49	15 27	1 25	9 2	2 19	11 57	0 25	15 20	1 44	7 47	9 35	19 58	19 43	21 10			n.a.
T 4	23 35	18 34	4 0	24 4	0 30	18 4	5 33	13 27	0 49	15 28	1 25	9 3	2 20	11 57	0 25	15 19	1 43	7 47	9 36	19 59	19 43	21 11			n.a.
F 5	23 32	20 44	2 58	24 19	0 40	17 55	5 43	13 40	0 48	15 29	1 25	9 4	2 20	11 58	0 25	15 19	1 43	7 47	9 36	20 0	19 44	21 11			n.a.
S 6	23 29	21 24	1 44	24 32	0 50	17 46	5 53	13 54	0 47	15 31	1 26	9 6	2 20	11 59	0 25	15 19	1 43	7 47	9 36	20 0	19 45	21 12			n.a.
S 7	23 25	20 31	0 23	24 43	0 59	17 38	6 2	14 7	0 47	15 32	1 26	9 7	2 20	11 59	0 25	15 19	1 43	7 48	9 36	20 0	19 45	21 12			n.a.
M 8	23 21	18 11	0n59	24 51	1 7	17 31	6 11	14 20	0 46	15 34	1 26	9 9	2 20	12 0	0 25	15 19	1 43	7 48	9 36	20 0	19 46	21 13			n.a.
T 9	23 16	14 45	2 15	24 56	1 15	17 24	6 19	14 33	0 45	15 36	1 27	9 10	2 21	12 0	0 25	15 19	1 43	7 48	9 36	20 0	19 47	21 13			n.a.
W10	23 11	10 33	3 21	24 59	1 22	17 17	6 25	14 46	0 45	15 37	1 27	9 11	2 21	12 1	0 25	15 18	1 43	7 48	9 36	20 0	19 48	21 14			n.a.
T 11	23 6	5 56	4 13	24 58	1 27	17 12	6 32	14 59	0 44	15 39	1 27	9 12	2 21	12 2	0 25	15 18	1 43	7 48	9 36	19 59	19 48	21 14			n.a.
F 12	23 0	1 11	4 50	24 55	1 33	17 6	6 37	15 11	0 43	15 41	1 28	9 14	2 21	12 2	0 25	15 18	1 43	7 48	9 37	19 59	19 49	21 15			n.a.
S 13	22 54	3s29	5 11	24 49	1 37	17 2	6 42	15 24	0 43	15 43	1 28	9 15	2 21	12 3	0 25	15 18	1 43	7 48	9 37	19 59	19 50	21 15			n.a.
S 14	22 47	7 53	5 16	24 41	1 40	16 58	6 46	15 36	0 42	15 44	1 28	9 16	2 22	12 3	0 25	15 18	1 43	7 48	9 37	19 59	19 51	21 16			n.a.
M15	22 40	11 52	5 7	24 30	1 43	16 55	6 49	15 48	0 41	15 46	1 28	9 17	2 22	12 4	0 25	15 18	1 43	7 48	9 37	20 0	19 51	21 17			n.a.
T 16	22 33	15 19	4 44	24 17	1 45	16 52	6 52	16 0	0 40	15 48	1 29	9 18	2 22	12 4	0 25	15 18	1 43	7 49	9 37	20 0	19 52	21 17			n.a.
W17	22 25	18 5	4 9	24 1	1 47	16 50	6 54	16 12	0 40	15 50	1 29	9 19	2 22	12 5	0 25	15 17	1 43	7 49	9 37	20 1	19 53	21 18			n.a.
T 18	22 17	20 4	3 24	23 43	1 47	16 49	6 55	16 24	0 39	15 52	1 29	9 20	2 22	12 5	0 25	15 17	1 43	7 49	9 37	20 1	19 54	21 18			n.a.
F 19	22 8	21 11	2 30	23 23	1 47	16 48	6 56	16 36	0 38	15 55	1 29	9 21	2 23	12 5	0 25	15 17	1 43	7 49	9 37	20 1	19 54	21 19			n.a.
S 20	21 59	21 21	1 30	23 1	1 47	16 48	6 56	16 47	0 37	15 57	1 30	9 22	2 23	12 6	0 25	15 17	1 43	7 49	9 38	20 2	19 55	21 19			n.a.
S 21	21 50	20 34	0 25	22 38	1 46	16 48	6 55	16 58	0 37	15 59	1 30	9 23	2 23	12 6	0 25	15 17	1 43	7 49	9 38	20 2	19 56	21 20			n.a.
M22	21 40	18 52	0s41	22 12	1 44	16 49	6 54	17 10	0 36	16 1	1 30	9 23	2 23	12 7	0 25	15 17	1 42	7 49	9 38	20 2	19 56	21 20			n.a.
T 23	21 30	16 18	1 46	21 45	1 42	16 50	6 53	17 21	0 35	16 3	1 30	9 24	2 24	12 7	0 25	15 17	1 42	7 49	9 38	20 2	19 57	21 21			n.a.
W24	21 19	13 0	2 47	21 17	1 39	16 52	6 51	17 32	0 34	16 6	1 31	9 25	2 24	12 7	0 25	15 17	1 42	7 49	9 38	20 1	19 58	21 21			n.a.
T 25	21 8	9 5	3 41	20 47	1 36	16 55	6 48	17 42	0 34	16 8	1 31	9 26	2 24	12 8	0 25	15 17	1 42	7 49	9 38	20 1	19 59	21 21			n.a.
F 26	20 57	4 43	4 26	20 16	1 33	16 58	6 45	17 53	0 33	16 10	1 31	9 26	2 24	12 8	0 25	15 17	1 42	7 49	9 39	20 1	19 59	21 22			n.a.
S 27	20 45	0 4	4 58	19 43	1 29	17 1	6 42	18 3	0 32	16 13	1 31	9 27	2 24	12 8	0 25	15 17	1 42	7 49	9 39	20 1	20 0	21 22			n.a.
S 28	20 33	4n42	5 15	19 10	1 24	17 5	6 38	18 14	0 31	16 15	1 32	9 28	2 25	12 9	0 25	15 17	1 42	7 49	9 39	20 1	20 1	21 23			n.a.
M29	20 21	9 23	5 16	18 36	1 19	17 9	6 34	18 24	0 30	16 18	1 32	9 28	2 25	12 9	0 25	15 17	1 42	7 49	9 39	20 1	20 1	21 23			n.a.
T 30	20 8	13 41	4 58	18 1	1 14	17 14	6 30	18 34	0 29	16 20	1 32	9 29	2 25	12 9	0 25	15 17	1 42	7 49	9 39	20 1	20 2	21 24			n.a.
W31	19n55	17n20	4s22	17n25	1n 9	17n18	6s25	18n44	0s29	16s23	1s32	9n29	2s25	12n 9	0s25	15s17	1n42	7n49	9s39	20n 1	20n 3	21s24			n.a.

Julian Day Number = 1601802.5, Delta T = 03h58m42s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'37, Lahiri = - 8°28'36 Julian Calendar 1 July 328 BCE == Greg. Calendar 26 June 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

AUGUST 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 19 33	3♌ 7'38	20♊59	17♌24	28♊32	25♉22	20°R 6	0♉27	2♉41	16°R16	16♉52	1♌44	1♌33	7♑11	n.a.	T 1
F 2	20 23 29	4° 5'48	5♋53	19° 5	28°47	25°59	19♒59	0°29	2°42	16♏16	16°52	1°44	1°30	7°18	n.a.	F 2
S 3	20 27 26	5° 3'59	20°55	20°44	29° 5	26°35	19°51	0°30	2°42	16°D16	16°53	1°44	1°26	7°25	n.a.	S 3
S 4	20 31 22	6° 2'13	5♌56	22°22	29°24	27°11	19°44	0°32	2°43	16°16	16°53	1°R44	1°23	7°31	n.a.	S 4
M 5	20 35 19	7° 0'29	20°48	23°59	29°45	27°47	19°36	0°33	2°43	16°16	16°54	1°44	1°20	7°38	n.a.	M 5
T 6	20 39 16	7°58'46	5♍23	25°34	0♋ 8	28°23	19°29	0°35	2°44	16°16	16°54	1°44	1°17	7°45	n.a.	T 6
W 7	20 43 12	8°57'05	19°36	27° 9	0°33	28°59	19°21	0°36	2°44	16°17	16°54	1°43	1°14	7°51	n.a.	W 7
T 8	20 47 9	9°55'25	3♎24	28°42	0°59	29°35	19°13	0°37	2°44	16°17	16°55	1°42	1°11	7°58	n.a.	T 8
F 9	20 51 5	10°53'48	16°45	0♍14	1°27	0♊10	19° 5	0°38	2°45	16°17	16°55	1°41	1° 7	8° 5	n.a.	F 9
S 10	20 55 2	11°52'12	29°41	1°45	1°56	0°46	18°57	0°39	2°45	16°17	16°55	1°40	1° 4	8°11	n.a.	S 10
S 11	20 58 58	12°50'38	12♏15	3°14	2°27	1°21	18°49	0°40	2°45	16°17	16°55	1°D40	1° 1	8°18	n.a.	S 11
M12	21 2 55	13°49'05	24°32	4°43	2°59	1°56	18°42	0°41	2°45	16°18	16°56	1°40	0°58	8°25	n.a.	M12
T 13	21 6 51	14°47'34	6♐34	6°10	3°33	2°31	18°34	0°42	2°R45	16°18	16°56	1°41	0°55	8°31	n.a.	T 13
W14	21 10 48	15°46'05	18°28	7°36	4° 8	3° 5	18°26	0°42	2°45	16°18	16°56	1°42	0°51	8°38	n.a.	W14
T 15	21 14 45	16°44'38	0♑17	9° 1	4°44	3°40	18°18	0°43	2°45	16°19	16°56	1°44	0°48	8°45	n.a.	T 15
F 16	21 18 41	17°43'13	12° 6	10°25	5°22	4°15	18°10	0°43	2°45	16°19	16°56	1°45	0°45	8°51	n.a.	F 16
S 17	21 22 38	18°41'50	23°57	11°47	6° 1	4°49	18° 2	0°43	2°45	16°20	16°57	1°46	0°42	8°58	n.a.	S 17
S 18	21 26 34	19°40'28	5♒55	13° 8	6°41	5°23	17°54	0°R43	2°44	16°20	16°57	1°R46	0°39	9° 4	n.a.	S 18
M19	21 30 31	20°39'09	18° 0	14°28	7°22	5°57	17°46	0°43	2°44	16°21	16°57	1°45	0°36	9°11	n.a.	M19
T 20	21 34 27	21°37'51	0♓16	15°46	8° 4	6°31	17°38	0°43	2°44	16°21	16°57	1°43	0°32	9°18	n.a.	T 20
W21	21 38 24	22°36'36	12°43	17° 3	8°47	7° 4	17°30	0°43	2°43	16°22	16°57	1°41	0°29	9°24	n.a.	W21
T 22	21 42 20	23°35'23	25°22	18°18	9°31	7°38	17°22	0°42	2°43	16°22	16°R57	1°37	0°26	9°31	n.a.	T 22
F 23	21 46 17	24°34'12	8♈15	19°32	10°16	8°11	17°14	0°42	2°43	16°23	16°57	1°34	0°23	9°38	n.a.	F 23
S 24	21 50 13	25°33'03	21°21	20°44	11° 2	8°44	17° 6	0°41	2°42	16°24	16°57	1°31	0°20	9°44	n.a.	S 24
S 25	21 54 10	26°31'57	4♉42	21°54	11°49	9°17	16°58	0°41	2°41	16°24	16°57	1°28	0°17	9°51	n.a.	S 25
M26	21 58 7	27°30'53	18°18	23° 3	12°37	9°50	16°51	0°40	2°41	16°25	16°57	1°27	0°13	9°58	n.a.	M26
T 27	22 2 3	28°29'52	2♊ 9	24° 9	13°26	10°23	16°43	0°39	2°40	16°26	16°57	1°D26	0°10	10° 4	n.a.	T 27
W28	22 6 0	29°28'53	16°15	25°13	14°15	10°55	16°35	0°38	2°39	16°27	16°56	1°27	0° 7	10°11	n.a.	W28
T 29	22 9 56	0♍27'56	0♋35	26°15	15° 5	11°27	16°28	0°37	2°39	16°27	16°56	1°28	0° 4	10°18	n.a.	T 29
F 30	22 13 53	1°27'03	15° 7	27°15	15°56	11°59	16°20	0°36	2°38	16°28	16°56	1°30	0° 1	10°24	n.a.	F 30
S 31	22 17 49	2♍26'11	29♋45	28♍12	16♋48	12♊31	16♒13	0♉34	2♉37	16♏29	16♉56	1°R31	29♋57	10♑31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n42	19n58	3s28	16n49	1n 3	17n23	6s20	18n54	0s28	16s25	1s32	9n30	2s26	12n10	0s25	15s17	1n42	7n49	9s40	20n 1	20n 4	21s25			n.a.
F 2	19 28	21 17	2 19	16 12	0 57	17 29	6 15	19 3	0 27	16 28	1 32	9 30	2 26	12 10	0 25	15 17	1 42	7 49	9 40	20 1	20 4	21 25			n.a.
S 3	19 14	21 6	1 0	15 34	0 51	17 34	6 10	19 13	0 26	16 30	1 33	9 31	2 26	12 10	0 25	15 17	1 42	7 49	9 40	20 1	20 5	21 26			n.a.
S 4	19 0	19 24	0n23	14 56	0 45	17 40	6 4	19 22	0 25	16 33	1 33	9 31	2 26	12 10	0 25	15 17	1 42	7 49	9 40	20 1	20 6	21 26			n.a.
M 5	18 45	16 23	1 44	14 17	0 38	17 46	5 58	19 31	0 24	16 35	1 33	9 31	2 27	12 10	0 25	15 17	1 42	7 49	9 40	20 1	20 6	21 26			n.a.
T 6	18 30	12 23	2 56	13 39	0 31	17 52	5 52	19 40	0 23	16 38	1 33	9 32	2 27	12 10	0 25	15 17	1 42	7 49	9 40	20 1	20 7	21 27			n.a.
W 7	18 14	7 46	3 56	13 0	0 24	17 58	5 46	19 49	0 22	16 41	1 33	9 32	2 27	12 10	0 25	15 17	1 41	7 49	9 41	20 1	20 8	21 27			n.a.
T 8	17 59	2 54	4 40	12 20	0 17	18 4	5 40	19 58	0 21	16 43	1 33	9 32	2 27	12 11	0 25	15 18	1 41	7 49	9 41	20 2	20 9	21 28			n.a.
F 9	17 43	1s57	5 7	11 41	0 10	18 10	5 34	20 6	0 21	16 46	1 34	9 32	2 28	12 11	0 25	15 18	1 41	7 48	9 41	20 2	20 9	21 28			n.a.
S 10	17 26	6 33	5 17	11 1	0 2	18 16	5 27	20 14	0 20	16 48	1 34	9 32	2 28	12 11	0 25	15 18	1 41	7 48	9 41	20 2	20 10	21 29			n.a.
S 11	17 10	10 45	5 12	10 21	0s 5	18 22	5 21	20 23	0 19	16 51	1 34	9 32	2 28	12 11	0 25	15 18	1 41	7 48	9 41	20 2	20 11	21 29			n.a.
M12	16 53	14 24	4 53	9 42	0 13	18 28	5 14	20 31	0 18	16 54	1 34	9 32	2 28	12 11	0 25	15 18	1 41	7 48	9 41	20 2	20 11	21 29			n.a.
T 13	16 36	17 24	4 20	9 2	0 21	18 34	5 8	20 39	0 17	16 56	1 34	9 32	2 28	12 11	0 25	15 18	1 41	7 48	9 42	20 2	20 12	21 30			n.a.
W14	16 18	19 37	3 38	8 22	0 29	18 39	5 1	20 46	0 16	16 59	1 34	9 32	2 29	12 11	0 25	15 18	1 41	7 48	9 42	20 1	20 13	21 30			n.a.
T 15	16 1	20 58	2 46	7 43	0 37	18 45	4 54	20 54	0 15	17 1	1 34	9 32	2 29	12 11	0 25	15 19	1 41	7 48	9 42	20 1	20 13	21 31			n.a.
F 16	15 43	21 24	1 47	7 4	0 45	18 51	4 47	21 2	0 14	17 4	1 34	9 32	2 29	12 11	0 25	15 19	1 41	7 48	9 42	20 1	20 14	21 31			n.a.
S 17	15 24	20 52	0 43	6 25	0 53	18 56	4 40	21 9	0 13	17 7	1 34	9 32	2 29	12 11	0 25	15 19	1 41	7 48	9 42	20 1	20 15	21 31			n.a.
S 18	15 6	19 24	0s23	5 46	1 1	19 1	4 33	21 16	0 12	17 9	1 34	9 32	2 30	12 10	0 25	15 19	1 41	7 47	9 42	20 1	20 16	21 32			n.a.
M19	14 47	17 1	1 29	5 7	1 9	19 6	4 26	21 23	0 11	17 12	1 34	9 32	2 30	12 10	0 25	15 19	1 41	7 47	9 43	20 1	20 16	21 32			n.a.
T 20	14 28	13 52	2 31	4 29	1 18	19 10	4 19	21 30	0 10	17 14	1 35	9 31	2 30	12 10	0 26	15 20	1 41	7 47	9 43	20 1	20 17	21 32			n.a.
W21	14 9	10 3	3 27	3 52	1 26	19 15	4 12	21 37	0 9	17 17	1 35	9 31	2 30	12 10	0 26	15 20	1 41	7 47	9 43	20 2	20 18	21 33			n.a.
T 22	13 49	5 44	4 14	3 15	1 34	19 19	4 5	21 43	0 8	17 19	1 35	9 31	2 31	12 10	0 26	15 20	1 41	7 47	9 43	20 3	20 18	21 33			n.a.
F 23	13 30	1 6	4 49	2 38	1 42	19 23	3 58	21 50	0 7	17 22	1 35	9 30	2 31	12 10	0 26	15 20	1 40	7 47	9 43	20 3	20 19	21 33			n.a.
S 24	13 10	3n39	5 9	2 2	1 50	19 26	3 51	21 56	0 6	17 24	1 35	9 30	2 31	12 10	0 26	15 21	1 40	7 46	9 43	20 4	20 20	21 34			n.a.
S 25	12 49	8 19	5 14	1 27	1 58	19 29	3 44	22 2	0 4	17 27	1 35	9 30	2 31	12 9	0 26	15 21	1 40	7 46	9 44	20 5	20 20	21 34			n.a.
M26	12 29	12 40	5 1	0 52	2 6	19 32	3 37	22 9	0 3	17 29	1 35	9 29	2 31	12 9	0 26	15 21	1 40	7 46	9 44	20 5	20 21	21 34			n.a.
T 27	12 8	16 26	4 30	0 19	2 13	19 34	3 30	22 14	0 2	17 31	1 35	9 28	2 32	12 9	0 26	15 21	1 40	7 46	9 44	20 5	20 22	21 35			n.a.
W28	11 48	19 19	3 43	0s14	2 21	19 36	3 23	22 20	0 1	17 34	1 35	9 28	2 32	12 9	0 26	15 22	1 40	7 46	9 44	20 5	20 22	21 35			n.a.
T 29	11 27	21 2	2 42	0 45	2 28	19 38	3 16	22 26	0 0	17 36	1 35	9 27	2 32	12 8	0 26	15 22	1 40	7 46	9 44	20 5	20 23	21 35			n.a.
F 30	11 5	21 24	1 29	1 16	2 35	19 39	3 9	22 31	0n 1	17 38	1 35	9 27	2 32	12 8	0 26	15 22	1 40	7 45	9 44	20 4	20 24	21 36			n.a.
S 31	10n44	20n18	0s10	1s45	2s42	19n40	3s 2	22n37	0n 2	17s40	1s35	9n26	2s33	12n 8	0s26	15s23	1n40	7n45	9s45	20n 4	20n25	21s36			n.a.

Julian Day Number = 1601833.5, Delta T = 03h58m41s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'33, Lahiri = - 8°28'32 Julian Calendar 1 Aug. 328 BCE == Greg. Calendar 27 July 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

SEPTEMBER 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 21 46	3♍25'22	14♌27	29♍ 6	17♋41	13♊ 3	16°R 6	0°R33	2°R36	16♏30	16°R56	1°R30	29♋54	10♑38	n.a.	S 1
M 2	22 25 42	4°24'35	29° 3	29°56	18°34	13°34	15♒58	0♉31	2♉35	16°31	16♉55	1♌28	29°51	10°44	n.a.	M 2
T 3	22 29 39	5°23'50	13♍29	0♎44	19°27	14° 6	15°51	0°30	2°34	16°32	16°55	1°24	29°48	10°51	n.a.	T 3
W 4	22 33 36	6°23'07	27°38	1°27	20°22	14°37	15°44	0°28	2°33	16°33	16°55	1°19	29°45	10°58	n.a.	W 4
T 5	22 37 32	7°22'26	11♎26	2° 6	21°17	15° 7	15°37	0°26	2°32	16°34	16°55	1°13	29°42	11° 4	n.a.	T 5
F 6	22 41 29	8°21'47	24°50	2°41	22°12	15°38	15°31	0°24	2°31	16°35	16°54	1° 7	29°38	11°11	n.a.	F 6
S 7	22 45 25	9°21'10	7♏49	3°11	23° 8	16° 8	15°24	0°22	2°30	16°36	16°54	1° 2	29°35	11°18	n.a.	S 7
S 8	22 49 22	10°20'35	20°26	3°36	24° 5	16°38	15°17	0°20	2°28	16°37	16°54	0°58	29°32	11°24	n.a.	S 8
M 9	22 53 18	11°20'02	2♐44	3°55	25° 2	17° 8	15°11	0°17	2°27	16°39	16°53	0°56	29°29	11°31	n.a.	M 9
T 10	22 57 15	12°19'31	14°47	4° 8	26° 0	17°38	15° 5	0°15	2°26	16°40	16°53	0°D56	29°26	11°38	n.a.	T 10
W11	23 1 11	13°19'02	26°40	4°R14	26°58	18° 7	14°58	0°12	2°24	16°41	16°52	0°57	29°22	11°44	n.a.	W11
T 12	23 5 8	14°18'35	8♑29	4°12	27°56	18°37	14°52	0°10	2°23	16°42	16°52	0°58	29°19	11°51	n.a.	T 12
F 13	23 9 4	15°18'09	20°18	4° 3	28°56	19° 6	14°47	0° 7	2°22	16°44	16°52	1° 0	29°16	11°57	n.a.	F 13
S 14	23 13 1	16°17'46	2♒12	3°46	29°55	19°34	14°41	0° 4	2°20	16°45	16°51	1°R 0	29°13	12° 4	n.a.	S 14
S 15	23 16 58	17°17'24	14°16	3°20	0♌55	20° 3	14°35	0° 2	2°18	16°46	16°51	0°59	29°10	12°11	n.a.	S 15
M16	23 20 54	18°17'04	26°31	2°46	1°56	20°31	14°30	29♈59	2°17	16°48	16°50	0°56	29° 7	12°17	n.a.	M16
T 17	23 24 51	19°16'47	9♓ 2	2° 3	2°57	20°59	14°25	29°56	2°15	16°49	16°50	0°51	29° 3	12°24	n.a.	T 17
W18	23 28 47	20°16'31	21°48	1°12	3°58	21°26	14°20	29°52	2°14	16°50	16°49	0°44	29° 0	12°31	n.a.	W18
T 19	23 32 44	21°16'17	4♈49	0°13	4°59	21°54	14°15	29°49	2°12	16°52	16°48	0°35	28°57	12°37	n.a.	T 19
F 20	23 36 40	22°16'06	18° 5	29♍ 8	6° 2	22°21	14°10	29°46	2°10	16°53	16°48	0°26	28°54	12°44	n.a.	F 20
S 21	23 40 37	23°15'56	1♉33	27°57	7° 4	22°48	14° 5	29°42	2° 8	16°55	16°47	0°17	28°51	12°51	n.a.	S 21
S 22	23 44 33	24°15'49	15°13	26°43	8° 7	23°14	14° 1	29°39	2° 7	16°56	16°47	0°10	28°48	12°57	n.a.	S 22
M23	23 48 30	25°15'45	29° 1	25°27	9°10	23°40	13°57	29°35	2° 5	16°58	16°46	0° 4	28°44	13° 4	n.a.	M23
T 24	23 52 27	26°15'42	12♊57	24°12	10°13	24° 6	13°53	29°32	2° 3	16°59	16°45	0° 1	28°41	13°11	n.a.	T 24
W25	23 56 23	27°15'42	26°58	23° 0	11°17	24°32	13°49	29°28	2° 1	17° 1	16°45	0°D 1	28°38	13°17	n.a.	W25
T 26	0 0 20	28°15'45	11♋ 5	21°53	12°21	24°57	13°45	29°24	1°59	17° 3	16°44	0° 1	28°35	13°24	n.a.	T 26
F 27	0 4 16	29°15'50	25°16	20°53	13°26	25°22	13°42	29°20	1°57	17° 4	16°43	0°R 2	28°32	13°31	n.a.	F 27
S 28	0 8 13	0♎15'56	9♌31	20° 2	14°31	25°47	13°38	29°16	1°55	17° 6	16°42	0° 1	28°28	13°37	n.a.	S 28
S 29	0 12 9	1°16'05	23°45	19°22	15°36	26°11	13°35	29°12	1°53	17° 8	16°42	29♋59	28°25	13°44	n.a.	S 29
M30	0 16 6	2♎16'17	7♍56	18♍52	16♌41	26♊35	13♒32	29♈ 8	1♉51	17♏ 9	16♉41	29♋54	28♋22	13♑51	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n22	17n49	1n10	2s13	2s49	19n40	2s55	22n42	0n 3	17s43	1s35	9n25	2s33	12n 7	0s26	15s23	1n40	7n45	9s45	20n 4	20n25	21s36		n.a.
M 2	10 1	14 12	2 25	2 39	2 55	19 40	2 48	22 47	0 5	17 45	1 35	9 25	2 33	12 7	0 26	15 23	1 40	7 45	9 45	20 5	20 26	21 37		n.a.
T 3	9 39	9 47	3 29	3 3	3 1	19 39	2 41	22 52	0 6	17 47	1 35	9 24	2 33	12 7	0 26	15 24	1 40	7 44	9 45	20 6	20 27	21 37		n.a.
W 4	9 17	4 54	4 19	3 26	3 7	19 38	2 34	22 57	0 7	17 49	1 34	9 23	2 33	12 6	0 26	15 24	1 40	7 44	9 45	20 7	20 27	21 37		n.a.
T 5	8 54	0s 5	4 53	3 46	3 12	19 36	2 27	23 2	0 8	17 51	1 34	9 22	2 34	12 6	0 26	15 24	1 40	7 44	9 45	20 8	20 28	21 37		n.a.
F 6	8 32	4 56	5 9	4 4	3 16	19 34	2 20	23 6	0 9	17 53	1 34	9 21	2 34	12 6	0 26	15 25	1 40	7 44	9 46	20 9	20 29	21 38		n.a.
S 7	8 10	9 25	5 9	4 20	3 20	19 32	2 14	23 11	0 11	17 55	1 34	9 20	2 34	12 5	0 26	15 25	1 40	7 44	9 46	20 10	20 29	21 38		n.a.
S 8	7 47	13 22	4 54	4 33	3 23	19 28	2 7	23 15	0 12	17 57	1 34	9 19	2 34	12 5	0 26	15 25	1 40	7 43	9 46	20 11	20 30	21 38		n.a.
M 9	7 24	16 38	4 25	4 43	3 25	19 25	2 0	23 19	0 13	17 59	1 34	9 18	2 34	12 4	0 26	15 26	1 39	7 43	9 46	20 12	20 31	21 39		n.a.
T 10	7 1	19 8	3 45	4 49	3 27	19 21	1 54	23 23	0 14	18 0	1 34	9 17	2 34	12 4	0 26	15 26	1 39	7 43	9 46	20 12	20 31	21 39		n.a.
W11	6 38	20 46	2 56	4 52	3 27	19 16	1 47	23 27	0 16	18 2	1 34	9 16	2 35	12 3	0 26	15 27	1 39	7 42	9 46	20 12	20 32	21 39		n.a.
T 12	6 15	21 29	1 59	4 50	3 26	19 11	1 41	23 31	0 17	18 4	1 34	9 15	2 35	12 3	0 26	15 27	1 39	7 42	9 46	20 11	20 33	21 39		n.a.
F 13	5 52	21 14	0 58	4 45	3 24	19 5	1 35	23 35	0 18	18 6	1 34	9 14	2 35	12 2	0 26	15 27	1 39	7 42	9 47	20 11	20 33	21 40		n.a.
S 14	5 28	20 1	0s 6	4 34	3 20	18 59	1 28	23 39	0 20	18 7	1 34	9 13	2 35	12 2	0 26	15 28	1 39	7 42	9 47	20 11	20 34	21 40		n.a.
S 15	5 5	17 53	1 11	4 19	3 15	18 52	1 22	23 42	0 21	18 9	1 33	9 12	2 35	12 1	0 26	15 28	1 39	7 41	9 47	20 11	20 35	21 40		n.a.
M16	4 41	14 55	2 13	3 59	3 8	18 45	1 16	23 46	0 22	18 10	1 33	9 11	2 36	12 1	0 26	15 29	1 39	7 41	9 47	20 12	20 35	21 40		n.a.
T 17	4 18	11 13	3 10	3 34	3 0	18 37	1 10	23 49	0 24	18 12	1 33	9 9	2 36	12 0	0 26	15 29	1 39	7 41	9 47	20 13	20 36	21 41		n.a.
W18	3 54	6 57	3 59	3 4	2 49	18 28	1 4	23 52	0 25	18 13	1 33	9 8	2 36	11 59	0 26	15 30	1 39	7 41	9 47	20 15	20 37	21 41		n.a.
T 19	3 30	2 17	4 36	2 29	2 37	18 19	0 58	23 56	0 27	18 14	1 33	9 7	2 36	11 59	0 26	15 30	1 39	7 40	9 47	20 16	20 37	21 41		n.a.
F 20	3 6	2n34	4 59	1 49	2 22	18 10	0 52	23 59	0 28	18 16	1 33	9 6	2 36	11 58	0 26	15 31	1 39	7 40	9 48	20 18	20 38	21 41		n.a.
S 21	2 42	7 23	5 6	1 6	2 6	17 59	0 46	24 2	0 30	18 17	1 33	9 4	2 36	11 58	0 26	15 31	1 39	7 40	9 48	20 20	20 39	21 41		n.a.
S 22	2 18	11 53	4 56	0 20	1 48	17 49	0 40	24 5	0 31	18 18	1 32	9 3	2 36	11 57	0 26	15 31	1 39	7 39	9 48	20 22	20 39	21 42		n.a.
M23	1 54	15 49	4 28	0n28	1 29	17 38	0 35	24 7	0 33	18 19	1 32	9 1	2 37	11 56	0 26	15 32	1 39	7 39	9 48	20 23	20 40	21 42		n.a.
T 24	1 30	18 55	3 45	1 17	1 9	17 26	0 29	24 10	0 34	18 20	1 32	9 0	2 37	11 56	0 26	15 32	1 39	7 39	9 48	20 24	20 41	21 42		n.a.
W25	1 6	20 54	2 48	2 4	0 48	17 13	0 24	24 13	0 36	18 21	1 32	8 59	2 37	11 55	0 26	15 33	1 39	7 38	9 48	20 24	20 41	21 42		n.a.
T 26	0 42	21 37	1 40	2 50	0 28	17 1	0 18	24 15	0 37	18 22	1 32	8 57	2 37	11 54	0 26	15 33	1 39	7 38	9 48	20 24	20 42	21 42		n.a.
F 27	0 18	20 56	0 25	3 33	0 7	16 47	0 13	24 18	0 39	18 23	1 32	8 56	2 37	11 54	0 26	15 34	1 39	7 38	9 49	20 24	20 43	21 43		n.a.
S 28	0s 6	18 54	0n51	4 11	0n12	16 33	0 8	24 20	0 40	18 24	1 31	8 54	2 37	11 53	0 26	15 34	1 38	7 38	9 49	20 24	20 43	21 43		n.a.
S 29	0 31	15 42	2 3	4 44	0 31	16 19	0 3	24 23	0 42	18 24	1 31	8 53	2 37	11 52	0 26	15 35	1 38	7 37	9 49	20 24	20 44	21 43		n.a.
M30	0s55	11n36	3n 8	5n11	0n48	16n 4	0n 2	24n25	0n44	18s25	1s31	8n51	2s37	11n51	0s26	15s36	1n38	7n37	9s49	20n25	20n44	21s43		n.a.

Julian Day Number = 1601864.5, Delta T = 03h58m39s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'28, Lahiri = - 8°28'28 Julian Calendar 1 Sept. 328 BCE == Greg. Calendar 27 Aug. 328 BCE

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

OCTOBER 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 20 2	3♎16'30	22♍ 0	18°R34	17♌47	26♊59	13°R30	29°R 4	1°R49	17♏11	16°R40	29°R47	28♋19	13♉57	n.a.	T 1
W 2	0 23 59	4°16'45	5♎52	18°D28	18°53	27°22	13♒27	29♈ 0	1♉47	17°13	16♉39	29♋37	28°16	14° 4	n.a.	W 2
T 3	0 27 55	5°17'02	19°28	18♍33	19°59	27°45	13°25	28°56	1°44	17°15	16°38	29°25	28°13	14°10	n.a.	T 3
F 4	0 31 52	6°17'21	2♏45	18°49	21° 5	28° 7	13°23	28°51	1°42	17°16	16°38	29°14	28° 9	14°17	n.a.	F 4
S 5	0 35 49	7°17'41	15°41	19°14	22°12	28°29	13°21	28°47	1°40	17°18	16°37	29° 3	28° 6	14°24	n.a.	S 5
S 6	0 39 45	8°18'04	28°17	19°50	23°19	28°51	13°19	28°42	1°38	17°20	16°36	28°54	28° 3	14°30	n.a.	S 6
M 7	0 43 42	9°18'28	10♐35	20°33	24°26	29°12	13°18	28°38	1°36	17°22	16°35	28°48	28° 0	14°37	n.a.	M 7
T 8	0 47 38	10°18'53	22°38	21°24	25°33	29°33	13°16	28°33	1°33	17°24	16°34	28°44	27°57	14°44	n.a.	T 8
W 9	0 51 35	11°19'20	4♑31	22°21	26°41	29°54	13°15	28°29	1°31	17°26	16°33	28°42	27°54	14°50	n.a.	W 9
T 10	0 55 31	12°19'49	16°20	23°25	27°49	0♋14	13°14	28°24	1°29	17°28	16°32	28°D42	27°50	14°57	n.a.	T 10
F 11	0 59 28	13°20'19	28° 8	24°33	28°57	0°33	13°14	28°19	1°26	17°30	16°31	28°R42	27°47	15° 4	n.a.	F 11
S 12	1 3 24	14°20'50	10♒ 4	25°46	0♍ 5	0°52	13°13	28°15	1°24	17°32	16°30	28°42	27°44	15°10	n.a.	S 12
S 13	1 7 21	15°21'23	22°10	27° 2	1°13	1°11	13°13	28°10	1°22	17°34	16°29	28°40	27°41	15°17	n.a.	S 13
M14	1 11 18	16°21'57	4♓32	28°22	2°22	1°29	13°D13	28° 5	1°19	17°36	16°28	28°35	27°38	15°24	n.a.	M14
T 15	1 15 14	17°22'32	17°14	29°44	3°31	1°47	13°13	28° 0	1°17	17°38	16°27	28°27	27°34	15°30	n.a.	T 15
W16	1 19 11	18°23'09	0♈15	1♎ 8	4°40	2° 4	13°14	27°56	1°14	17°40	16°26	28°17	27°31	15°37	n.a.	W16
T 17	1 23 7	19°23'48	13°38	2°35	5°49	2°21	13°14	27°51	1°12	17°42	16°25	28° 5	27°28	15°44	n.a.	T 17
F 18	1 27 4	20°24'28	27°19	4° 2	6°58	2°37	13°15	27°46	1° 9	17°44	16°24	27°52	27°25	15°50	n.a.	F 18
S 19	1 31 0	21°25'10	11♉14	5°32	8° 8	2°53	13°16	27°41	1° 7	17°46	16°23	27°40	27°22	15°57	n.a.	S 19
S 20	1 34 57	22°25'53	25°21	7° 2	9°18	3° 8	13°17	27°36	1° 4	17°48	16°22	27°29	27°19	16° 4	n.a.	S 20
M21	1 38 53	23°26'38	9♊32	8°33	10°28	3°23	13°18	27°31	1° 2	17°50	16°21	27°21	27°15	16°10	n.a.	M21
T 22	1 42 50	24°27'24	23°45	10° 5	11°38	3°37	13°20	27°26	0°59	17°52	16°20	27°16	27°12	16°17	n.a.	T 22
W23	1 46 47	25°28'13	7♋57	11°37	12°48	3°51	13°22	27°21	0°57	17°54	16°19	27°13	27° 9	16°23	n.a.	W23
T 24	1 50 43	26°29'03	22° 4	13°10	13°58	4° 4	13°24	27°16	0°54	17°56	16°18	27°13	27° 6	16°30	n.a.	T 24
F 25	1 54 40	27°29'54	6♌ 7	14°43	15° 9	4°16	13°26	27°11	0°52	17°58	16°17	27°13	27° 3	16°37	n.a.	F 25
S 26	1 58 36	28°30'48	20° 4	16°17	16°19	4°28	13°28	27° 6	0°49	18° 1	16°16	27°12	26°59	16°43	n.a.	S 26
S 27	2 2 33	29°31'42	3♍56	17°50	17°30	4°39	13°31	27° 1	0°47	18° 3	16°15	27° 9	26°56	16°50	n.a.	S 27
M28	2 6 29	0♏32'38	17°41	19°24	18°41	4°50	13°34	26°56	0°44	18° 5	16°14	27° 3	26°53	16°57	n.a.	M28
T 29	2 10 26	1°33'36	1♎19	20°58	19°52	5° 0	13°37	26°51	0°42	18° 7	16°12	26°54	26°50	17° 3	n.a.	T 29
W30	2 14 22	2°34'35	14°46	22°32	21° 3	5° 9	13°40	26°46	0°39	18° 9	16°11	26°42	26°47	17°10	n.a.	W30
T 31	2 18 19	3♏35'35	28♎ 1	24♎ 6	22♍14	5♋18	13♒43	26♈41	0♉37	18♏12	16♉10	26♋28	26♋44	17♉17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1s19	6n53	4n 0	5n33	1n 4	15n49	0n 7	24n27	0n45	18s26	1s31	8n50	2s37	11n51	0s26	15s36	1n38	7n37	9s49	20n27	20n45	21s43			n.a.
W 2	1 43	1 53	4 38	5 48	1 18	15 33	0 12	24 29	0 47	18 26	1 31	8 48	2 38	11 50	0 26	15 37	1 38	7 36	9 49	20 29	20 46	21 43			n.a.
T 3	2 7	3s 7	4 58	5 58	1 30	15 16	0 17	24 31	0 48	18 27	1 30	8 46	2 38	11 49	0 26	15 37	1 38	7 36	9 49	20 31	20 46	21 44			n.a.
F 4	2 32	7 51	5 2	6 1	1 41	14 59	0 22	24 33	0 50	18 27	1 30	8 45	2 38	11 48	0 26	15 38	1 38	7 36	9 49	20 34	20 47	21 44			n.a.
S 5	2 56	12 6	4 50	5 59	1 50	14 42	0 26	24 35	0 52	18 27	1 30	8 43	2 38	11 48	0 26	15 38	1 38	7 35	9 49	20 36	20 48	21 44			n.a.
S 6	3 20	15 44	4 24	5 52	1 57	14 24	0 31	24 37	0 54	18 28	1 30	8 41	2 38	11 47	0 26	15 39	1 38	7 35	9 49	20 38	20 48	21 44			n.a.
M 7	3 44	18 34	3 47	5 40	2 3	14 5	0 35	24 39	0 55	18 28	1 30	8 40	2 38	11 46	0 26	15 39	1 38	7 35	9 50	20 39	20 49	21 44			n.a.
T 8	4 8	20 32	2 59	5 24	2 7	13 47	0 39	24 41	0 57	18 28	1 29	8 38	2 38	11 45	0 26	15 40	1 38	7 34	9 50	20 40	20 50	21 44			n.a.
W 9	4 32	21 34	2 5	5 4	2 11	13 27	0 44	24 43	0 59	18 28	1 29	8 36	2 38	11 44	0 26	15 41	1 38	7 34	9 50	20 40	20 50	21 44			n.a.
T 10	4 56	21 38	1 5	4 40	2 13	13 7	0 48	24 45	1 1	18 28	1 29	8 35	2 38	11 44	0 26	15 41	1 38	7 34	9 50	20 40	20 51	21 44			n.a.
F 11	5 20	20 44	0 3	4 14	2 14	12 47	0 52	24 47	1 3	18 28	1 29	8 33	2 38	11 43	0 26	15 42	1 38	7 33	9 50	20 40	20 52	21 45			n.a.
S 12	5 43	18 54	1s 0	3 45	2 14	12 27	0 55	24 48	1 5	18 28	1 29	8 31	2 38	11 42	0 26	15 42	1 38	7 33	9 50	20 40	20 52	21 45			n.a.
S 13	6 7	16 12	2 1	3 13	2 13	12 6	0 59	24 50	1 6	18 28	1 28	8 30	2 38	11 41	0 26	15 43	1 38	7 33	9 50	20 41	20 53	21 45			n.a.
M14	6 31	12 43	2 58	2 40	2 11	11 44	1 3	24 52	1 8	18 28	1 28	8 28	2 38	11 40	0 26	15 43	1 38	7 32	9 50	20 42	20 53	21 45			n.a.
T 15	6 54	8 35	3 47	2 4	2 9	11 22	1 6	24 54	1 10	18 28	1 28	8 26	2 38	11 39	0 26	15 44	1 38	7 32	9 50	20 43	20 54	21 45			n.a.
W16	7 18	3 57	4 26	1 28	2 6	11 0	1 10	24 55	1 12	18 27	1 28	8 24	2 38	11 39	0 26	15 45	1 38	7 32	9 50	20 46	20 55	21 45			n.a.
T 17	7 41	0n59	4 51	0 50	2 2	10 37	1 13	24 57	1 14	18 27	1 27	8 23	2 38	11 38	0 26	15 45	1 38	7 31	9 50	20 48	20 55	21 45			n.a.
F 18	8 4	5 58	5 0	0 11	1 58	10 14	1 16	24 59	1 16	18 26	1 27	8 21	2 38	11 37	0 26	15 46	1 38	7 31	9 50	20 51	20 56	21 45			n.a.
S 19	8 27	10 45	4 52	0s29	1 54	9 51	1 20	25 1	1 18	18 26	1 27	8 19	2 38	11 36	0 26	15 47	1 38	7 31	9 50	20 53	20 57	21 45			n.a.
S 20	8 50	15 2	4 26	1 9	1 49	9 27	1 23	25 2	1 20	18 25	1 27	8 17	2 38	11 35	0 26	15 47	1 38	7 30	9 50	20 55	20 57	21 45			n.a.
M21	9 13	18 28	3 44	1 50	1 44	9 3	1 25	25 4	1 23	18 25	1 27	8 16	2 38	11 34	0 26	15 48	1 38	7 30	9 51	20 57	20 58	21 45			n.a.
T 22	9 36	20 48	2 47	2 32	1 39	8 39	1 28	25 6	1 25	18 24	1 26	8 14	2 38	11 33	0 26	15 48	1 38	7 30	9 51	20 58	20 59	21 45			n.a.
W23	9 58	21 50	1 40	3 14	1 33	8 14	1 31	25 7	1 27	18 23	1 26	8 12	2 38	11 33	0 26	15 49	1 38	7 29	9 51	20 58	20 59	21 45			n.a.
T 24	10 20	21 27	0 27	3 55	1 27	7 49	1 34	25 9	1 29	18 22	1 26	8 10	2 38	11 32	0 26	15 50	1 38	7 29	9 51	20 58	21 0	21 46			n.a.
F 25	10 43	19 44	0n47	4 38	1 21	7 24	1 36	25 11	1 31	18 22	1 26	8 9	2 38	11 31	0 26	15 50	1 38	7 29	9 51	20 58	21 0	21 46			n.a.
S 26	11 5	16 50	1 58	5 20	1 15	6 58	1 38	25 13	1 34	18 21	1 25	8 7	2 38	11 30	0 26	15 51	1 37	7 28	9 51	20 59	21 1	21 46			n.a.
S 27	11 26	12 59	3 1	6 2	1 9	6 32	1 41	25 15	1 36	18 20	1 25	8 5	2 38	11 29	0 26	15 51	1 37	7 28	9 51	20 59	21 2	21 46			n.a.
M28	11 48	8 29	3 53	6 44	1 2	6 6	1 43	25 17	1 38	18 19	1 25	8 3	2 38	11 28	0 26	15 52	1 37	7 28	9 51	21 0	21 2	21 46			n.a.
T 29	12 10	3 37	4 31	7 26	0 55	5 40	1 45	25 19	1 40	18 18	1 25	8 2	2 38	11 27	0 26	15 53	1 37	7 27	9 51	21 2	21 3	21 46			n.a.
W30	12 31	1s23	4 54	8 7	0 49	5 13	1 47	25 21	1 43	18 16	1 25	8 0	2 38	11 26	0 26	15 53	1 37	7 27	9 51	21 4	21 4	21 46			n.a.
T 31	12s52	6s14	5n 0	8s48	0n42	4n47	1n49	25n23	1n45	18s15	1s24	7n58	2s38	11n26	0s26	15s54	1n37	7n27	9s51	21n 7	21n 4	21s46			n.a.

Julian Day Number = 1601894.5, Delta T = 03h58m38s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'24, Lahiri = - 8°28'24 Julian Calendar 1 Oct. 328 BCE == Greg. Calendar 26 Sept. 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

NOVEMBER 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 22 16	4♏36'36	11♏ 1	25♎40	23♍26	5♋26	13♒47	26°R37	0°R34	18♏14	16°R 9	26°R15	26♋40	17♑23	n.a.	F 1
S 2	2 26 12	5°37'39	23°46	27°14	24°37	5°33	13°51	26♈32	0♉32	18°16	16♉ 8	26♋ 2	26°37	17°30	n.a.	S 2
S 3	2 30 9	6°38'42	6♐14	28°48	25°49	5°40	13°55	26°27	0°29	18°18	16° 7	25°51	26°34	17°37	n.a.	S 3
M 4	2 34 5	7°39'47	18°28	0♏22	27° 1	5°46	13°59	26°22	0°27	18°20	16° 6	25°42	26°31	17°43	n.a.	M 4
T 5	2 38 2	8°40'52	0♑28	1°56	28°12	5°51	14° 3	26°17	0°24	18°23	16° 4	25°37	26°28	17°50	n.a.	T 5
W 6	2 41 58	9°41'58	12°20	3°30	29°24	5°56	14° 8	26°12	0°22	18°25	16° 3	25°34	26°25	17°57	n.a.	W 6
T 7	2 45 55	10°43'04	24° 7	5° 4	0♎36	5°59	14°12	26° 8	0°19	18°27	16° 2	25°D34	26°21	18° 3	n.a.	T 7
F 8	2 49 51	11°44'11	5♒55	6°38	1°48	6° 3	14°17	26° 3	0°17	18°29	16° 1	25°R34	26°18	18°10	n.a.	F 8
S 9	2 53 48	12°45'19	17°48	8°12	3° 1	6° 5	14°23	25°58	0°14	18°32	16° 0	25°34	26°15	18°16	n.a.	S 9
S 10	2 57 45	13°46'27	29°54	9°46	4°13	6° 6	14°28	25°54	0°12	18°34	15°59	25°33	26°12	18°23	n.a.	S 10
M11	3 1 41	14°47'36	12♓16	11°20	5°25	6°R 7	14°33	25°49	0° 9	18°36	15°58	25°29	26° 9	18°30	n.a.	M11
T 12	3 5 38	15°48'45	25° 0	12°55	6°38	6° 7	14°39	25°45	0° 7	18°38	15°56	25°23	26° 5	18°36	n.a.	T 12
W13	3 9 34	16°49'54	8♈ 8	14°29	7°50	6° 6	14°45	25°40	0° 5	18°41	15°55	25°15	26° 2	18°43	n.a.	W13
T 14	3 13 31	17°51'04	21°42	16° 3	9° 3	6° 5	14°51	25°36	0° 2	18°43	15°54	25° 4	25°59	18°50	n.a.	T 14
F 15	3 17 27	18°52'14	5♉40	17°38	10°16	6° 2	14°57	25°31	29♈59	18°45	15°53	24°53	25°56	18°56	n.a.	F 15
S 16	3 21 24	19°53'25	19°59	19°12	11°28	5°59	15° 3	25°27	29°58	18°48	15°52	24°42	25°53	19° 3	n.a.	S 16
S 17	3 25 20	20°54'37	4♊31	20°47	12°41	5°55	15°10	25°23	29°55	18°50	15°51	24°33	25°50	19°10	n.a.	S 17
M18	3 29 17	21°55'49	19°11	22°22	13°54	5°50	15°16	25°19	29°53	18°52	15°49	24°26	25°46	19°16	n.a.	M18
T 19	3 33 14	22°57'02	3♋51	23°57	15° 7	5°44	15°23	25°15	29°51	18°54	15°48	24°21	25°43	19°23	n.a.	T 19
W20	3 37 10	23°58'15	18°24	25°32	16°20	5°38	15°30	25°11	29°48	18°57	15°47	24°D20	25°40	19°30	n.a.	W20
T 21	3 41 7	24°59'29	2♌47	27° 8	17°33	5°30	15°37	25° 7	29°46	18°59	15°46	24°20	25°37	19°36	n.a.	T 21
F 22	3 45 3	26° 0'44	16°56	28°43	18°46	5°22	15°45	25° 3	29°44	19° 1	15°45	24°20	25°34	19°43	n.a.	F 22
S 23	3 49 0	27° 1'59	0♍51	0♐19	20° 0	5°13	15°52	24°59	29°42	19° 3	15°44	24°R21	25°31	19°50	n.a.	S 23
S 24	3 52 56	28° 3'14	14°33	1°55	21°13	5° 3	16° 0	24°55	29°40	19° 6	15°42	24°19	25°27	19°56	n.a.	S 24
M25	3 56 53	29° 4'31	28° 1	3°32	22°26	4°53	16° 7	24°52	29°38	19° 8	15°41	24°16	25°24	20° 3	n.a.	M25
T 26	4 0 49	0♐ 5'47	11♎17	5° 8	23°40	4°41	16°15	24°48	29°36	19°10	15°40	24° 9	25°21	20° 9	n.a.	T 26
W27	4 4 46	1° 7'04	24°21	6°45	24°53	4°29	16°23	24°44	29°34	19°12	15°39	24° 1	25°18	20°16	n.a.	W27
T 28	4 8 43	2° 8'21	7♏13	8°22	26° 7	4°16	16°32	24°41	29°31	19°15	15°38	23°52	25°15	20°23	n.a.	T 28
F 29	4 12 39	3° 9'38	19°52	10° 0	27°20	4° 2	16°40	24°38	29°29	19°17	15°37	23°41	25°11	20°29	n.a.	F 29
S 30	4 16 36	4♐10'56	2♐20	11♐37	28♎34	3♋47	16♒49	24♈34	29♈28	19♏19	15♉36	23♋32	25♋ 8	20♑36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s13	10s43	4n50	9s29	0n35	4n20	1n50	25n25	1n47	18s14	1s24	7n56	2s38	11n25	0s26	15s55	1n37	7n26	9s51	21n10	21n 5	21s46		n.a.
S 2	13 34	14 39	4 26	10 10	0 29	3 52	1 52	25 27	1 50	18 13	1 24	7 55	2 37	11 24	0 26	15 55	1 37	7 26	9 51	21 12	21 5	21 46		n.a.
S 3	13 54	17 50	3 50	10 50	0 22	3 25	1 53	25 29	1 52	18 11	1 24	7 53	2 37	11 23	0 26	15 56	1 37	7 26	9 51	21 14	21 6	21 46		n.a.
M 4	14 14	20 11	3 3	11 30	0 15	2 57	1 55	25 31	1 55	18 10	1 23	7 51	2 37	11 22	0 26	15 57	1 37	7 25	9 51	21 16	21 7	21 46		n.a.
T 5	14 34	21 35	2 9	12 10	0 8	2 30	1 56	25 33	1 57	18 8	1 23	7 50	2 37	11 21	0 26	15 57	1 37	7 25	9 51	21 17	21 7	21 46		n.a.
W 6	14 54	22 0	1 10	12 49	0 2	2 2	1 57	25 36	2 0	18 7	1 23	7 48	2 37	11 20	0 26	15 58	1 37	7 25	9 51	21 17	21 8	21 46		n.a.
T 7	15 13	21 26	0 8	13 27	0s 5	1 34	1 58	25 38	2 2	18 5	1 23	7 47	2 37	11 19	0 26	15 58	1 37	7 24	9 51	21 17	21 8	21 46		n.a.
F 8	15 32	19 55	0s55	14 5	0 12	1 6	1 59	25 40	2 5	18 4	1 22	7 45	2 37	11 19	0 26	15 59	1 37	7 24	9 51	21 17	21 9	21 46		n.a.
S 9	15 51	17 31	1 55	14 42	0 18	0 37	2 0	25 43	2 7	18 2	1 22	7 43	2 37	11 18	0 26	16 0	1 37	7 24	9 51	21 17	21 10	21 46		n.a.
S 10	16 10	14 19	2 52	15 18	0 25	0 9	2 1	25 45	2 10	18 0	1 22	7 42	2 36	11 17	0 26	16 0	1 37	7 24	9 51	21 18	21 10	21 46		n.a.
M11	16 28	10 27	3 42	15 54	0 31	0s19	2 2	25 48	2 13	17 58	1 22	7 40	2 36	11 16	0 26	16 1	1 37	7 23	9 51	21 18	21 11	21 46		n.a.
T 12	16 46	6 0	4 22	16 30	0 37	0 48	2 2	25 51	2 15	17 56	1 22	7 39	2 36	11 15	0 26	16 2	1 37	7 23	9 51	21 19	21 11	21 45		n.a.
W13	17 4	1 10	4 50	17 4	0 43	1 16	2 3	25 53	2 18	17 54	1 21	7 37	2 36	11 14	0 26	16 2	1 37	7 23	9 51	21 21	21 12	21 45		n.a.
T 14	17 22	3n53	5 2	17 38	0 49	1 45	2 3	25 56	2 21	17 52	1 21	7 36	2 36	11 13	0 26	16 3	1 37	7 22	9 50	21 23	21 13	21 45		n.a.
F 15	17 39	8 54	4 58	18 11	0 55	2 13	2 3	25 59	2 23	17 50	1 21	7 35	2 36	11 13	0 26	16 4	1 37	7 22	9 50	21 25	21 13	21 45		n.a.
S 16	17 56	13 33	4 34	18 43	1 1	2 42	2 3	26 2	2 26	17 48	1 21	7 33	2 35	11 12	0 26	16 4	1 37	7 22	9 50	21 27	21 14	21 45		n.a.
S 17	18 12	17 29	3 53	19 14	1 7	3 11	2 4	26 5	2 29	17 46	1 21	7 32	2 35	11 11	0 26	16 5	1 37	7 22	9 50	21 29	21 14	21 45		n.a.
M18	18 28	20 22	2 56	19 45	1 12	3 39	2 4	26 7	2 31	17 44	1 20	7 30	2 35	11 10	0 26	16 5	1 37	7 21	9 50	21 30	21 15	21 45		n.a.
T 19	18 44	21 53	1 47	20 14	1 17	4 8	2 3	26 10	2 34	17 42	1 20	7 29	2 35	11 9	0 26	16 6	1 37	7 21	9 50	21 31	21 16	21 45		n.a.
W20	19 0	21 56	0 32	20 43	1 22	4 36	2 3	26 13	2 37	17 39	1 20	7 28	2 35	11 9	0 26	16 7	1 37	7 21	9 50	21 31	21 16	21 45		n.a.
T 21	19 15	20 31	0n45	21 10	1 27	5 5	2 3	26 17	2 40	17 37	1 20	7 27	2 34	11 8	0 25	16 7	1 37	7 21	9 50	21 31	21 17	21 45		n.a.
F 22	19 30	17 49	1 58	21 37	1 32	5 33	2 2	26 20	2 42	17 35	1 20	7 25	2 34	11 7	0 25	16 8	1 37	7 20	9 50	21 31	21 17	21 45		n.a.
S 23	19 44	14 9	3 3	22 2	1 36	6 2	2 2	26 23	2 45	17 32	1 19	7 24	2 34	11 6	0 25	16 9	1 37	7 20	9 50	21 31	21 18	21 45		n.a.
S 24	19 58	9 46	3 56	22 27	1 41	6 30	2 1	26 26	2 48	17 30	1 19	7 23	2 34	11 6	0 25	16 9	1 37	7 20	9 50	21 31	21 19	21 45		n.a.
M25	20 12	4 59	4 35	22 50	1 45	6 58	2 1	26 29	2 51	17 27	1 19	7 22	2 34	11 5	0 25	16 10	1 37	7 20	9 50	21 32	21 19	21 44		n.a.
T 26	20 25	0 3	4 59	23 12	1 48	7 26	2 0	26 32	2 53	17 25	1 19	7 21	2 33	11 4	0 25	16 10	1 37	7 19	9 50	21 33	21 20	21 44		n.a.
W27	20 38	4s49	5 6	23 32	1 52	7 54	1 59	26 35	2 56	17 22	1 19	7 20	2 33	11 3	0 25	16 11	1 37	7 19	9 49	21 34	21 20	21 44		n.a.
T 28	20 51	9 24	4 58	23 52	1 55	8 22	1 58	26 38	2 59	17 19	1 18	7 19	2 33	11 3	0 25	16 12	1 37	7 19	9 49	21 36	21 21	21 44		n.a.
F 29	21 3	13 30	4 35	24 10	1 58	8 50	1 57	26 41	3 1	17 16	1 18	7 18	2 33	11 2	0 25	16 12	1 37	7 19	9 49	21 38	21 22	21 44		n.a.
S 30	21s15	16s58	4n 0	24s26	2s 0	9s17	1n56	26n45	3n 4	17s14	1s18	7n17	2s32	11n 1	0s25	16s13	1n37	7n19	9s49	21n39	21n22	21s44		n.a.

Julian Day Number = 1601925.5, Delta T = 03h58m37s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'20, Lahiri = - 8°28'20 Julian Calendar 1 Nov. 328 BCE == Greg. Calendar 27 Oct. 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 328 BCE
geocentric

DECEMBER 328 BCE (-327) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 20 32	5♐12'13	14♐35	13♐15	29♎47	3°R32	16♒57	24°R31	29°R26	19♏21	15°R35	23°R24	25♋ 5	20♑43	n.a.	S 1
M 2	4 24 29	6°13'31	26°40	14°53	1♏ 1	3♋16	17° 6	24♈28	29♈24	19°23	15♉34	23♋18	25° 2	20°49	n.a.	M 2
T 3	4 28 25	7°14'48	8♑36	16°31	2°15	2°59	17°15	24°25	29°22	19°26	15°32	23°15	24°59	20°56	n.a.	T 3
W 4	4 32 22	8°16'05	20°26	18°10	3°29	2°41	17°24	24°22	29°20	19°28	15°31	23°D13	24°56	21° 3	n.a.	W 4
T 5	4 36 19	9°17'21	2♒12	19°48	4°42	2°23	17°33	24°20	29°18	19°30	15°30	23°14	24°52	21° 9	n.a.	T 5
F 6	4 40 15	10°18'37	13°58	21°26	5°56	2° 4	17°43	24°17	29°17	19°32	15°29	23°15	24°49	21°16	n.a.	F 6
S 7	4 44 12	11°19'53	25°51	23° 5	7°10	1°45	17°52	24°14	29°15	19°34	15°28	23°17	24°46	21°23	n.a.	S 7
S 8	4 48 8	12°21'07	7♓54	24°43	8°24	1°25	18° 2	24°12	29°13	19°36	15°27	23°R18	24°43	21°29	n.a.	S 8
M 9	4 52 5	13°22'22	20°13	26°21	9°38	1° 4	18°11	24°10	29°12	19°39	15°26	23°17	24°40	21°36	n.a.	M 9
T 10	4 56 1	14°23'35	2♈52	27°58	10°52	0°43	18°21	24° 7	29°10	19°41	15°25	23°16	24°36	21°42	n.a.	T 10
W11	4 59 58	15°24'48	15°57	29°35	12° 6	0°21	18°31	24° 5	29° 8	19°43	15°24	23°12	24°33	21°49	n.a.	W11
T 12	5 3 54	16°26'00	29°29	1♑11	13°20	29♊59	18°41	24° 3	29° 7	19°45	15°23	23° 7	24°30	21°56	n.a.	T 12
F 13	5 7 51	17°27'11	13♉30	2°46	14°34	29°37	18°52	24° 1	29° 5	19°47	15°22	23° 2	24°27	22° 2	n.a.	F 13
S 14	5 11 48	18°28'22	27°56	4°20	15°48	29°14	19° 2	23°59	29° 4	19°49	15°21	22°56	24°24	22° 9	n.a.	S 14
S 15	5 15 44	19°29'32	12♊42	5°52	17° 2	28°51	19°12	23°58	29° 3	19°51	15°20	22°51	24°21	22°16	n.a.	S 15
M16	5 19 41	20°30'41	27°42	7°22	18°16	28°28	19°23	23°56	29° 1	19°53	15°19	22°47	24°17	22°22	n.a.	M16
T 17	5 23 37	21°31'50	12♋46	8°50	19°30	28° 4	19°34	23°54	29° 0	19°55	15°19	22°46	24°14	22°29	n.a.	T 17
W18	5 27 34	22°32'58	27°44	10°15	20°44	27°40	19°44	23°53	28°59	19°57	15°18	22°D45	24°11	22°36	n.a.	W18
T 19	5 31 30	23°34'06	12♌31	11°36	21°58	27°16	19°55	23°52	28°58	19°59	15°17	22°46	24° 8	22°42	n.a.	T 19
F 20	5 35 27	24°35'13	26°59	12°53	23°12	26°52	20° 6	23°51	28°57	20° 1	15°16	22°48	24° 5	22°49	n.a.	F 20
S 21	5 39 24	25°36'19	11♍ 7	14° 6	24°26	26°28	20°17	23°50	28°56	20° 3	15°15	22°49	24° 2	22°56	n.a.	S 21
S 22	5 43 20	26°37'25	24°53	15°13	25°41	26° 4	20°29	23°49	28°54	20° 5	15°14	22°R50	23°58	23° 2	n.a.	S 22
M23	5 47 17	27°38'30	8♎18	16°14	26°55	25°40	20°40	23°48	28°53	20° 7	15°13	22°49	23°55	23° 9	n.a.	M23
T 24	5 51 13	28°39'34	21°24	17° 8	28° 9	25°16	20°51	23°47	28°53	20° 9	15°12	22°48	23°52	23°16	n.a.	T 24
W25	5 55 10	29°40'38	4♏12	17°53	29°23	24°52	21° 3	23°46	28°52	20°10	15°12	22°45	23°49	23°22	n.a.	W25
T 26	5 59 6	0♑41'41	16°47	18°30	0♐37	24°29	21°15	23°46	28°51	20°12	15°11	22°42	23°46	23°29	n.a.	T 26
F 27	6 3 3	1°42'44	29° 8	18°57	1°52	24° 5	21°26	23°45	28°50	20°14	15°10	22°38	23°42	23°35	n.a.	F 27
S 28	6 6 59	2°43'45	11♐20	19°14	3° 6	23°42	21°38	23°45	28°49	20°16	15° 9	22°35	23°39	23°42	n.a.	S 28
S 29	6 10 56	3°44'46	23°22	19°R21	4°20	23°19	21°50	23°45	28°49	20°18	15° 9	22°32	23°36	23°49	n.a.	S 29
M30	6 14 53	4°45'45	5♑18	19°16	5°34	22°57	22° 2	23°D45	28°48	20°19	15° 8	22°30	23°33	23°55	n.a.	M30
T 31	6 18 49	5♑46'43	17♑ 8	18♑59	6♐49	22♊35	22♒14	23♈45	28♈47	20♏21	15♉ 7	22°D29	23♋30	24♑ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s26	19s38	3n13	24s42	2s 2	9s45	1n55	26n48	3n 7	17s11	1s18	7n16	2s32	11n 1	0s25	16s13	1n37	7n18	9s49	21n41	21n23	21s44		n.a.
M 2	21 37	21 23	2 19	24 55	2 4	10 12	1 54	26 51	3 9	17 8	1 18	7 15	2 32	11 0	0 25	16 14	1 37	7 18	9 49	21 42	21 23	21 43		n.a.
T 3	21 47	22 9	1 18	25 7	2 5	10 39	1 52	26 54	3 12	17 5	1 17	7 14	2 32	10 59	0 25	16 15	1 37	7 18	9 49	21 42	21 24	21 43		n.a.
W 4	21 57	21 55	0 15	25 18	2 6	11 5	1 51	26 56	3 14	17 2	1 17	7 13	2 31	10 59	0 25	16 15	1 37	7 18	9 49	21 43	21 24	21 43		n.a.
T 5	22 7	20 42	0s49	25 27	2 7	11 32	1 50	26 59	3 17	16 59	1 17	7 12	2 31	10 58	0 25	16 16	1 37	7 18	9 49	21 42	21 25	21 43		n.a.
F 6	22 16	18 36	1 50	25 34	2 7	11 58	1 48	27 2	3 19	16 56	1 17	7 12	2 31	10 58	0 25	16 16	1 37	7 17	9 48	21 42	21 26	21 43		n.a.
S 7	22 25	15 41	2 48	25 39	2 6	12 24	1 47	27 5	3 21	16 53	1 17	7 11	2 31	10 57	0 25	16 17	1 37	7 17	9 48	21 42	21 26	21 43		n.a.
S 8	22 33	12 6	3 39	25 43	2 5	12 49	1 45	27 7	3 24	16 50	1 17	7 10	2 30	10 56	0 25	16 17	1 37	7 17	9 48	21 42	21 27	21 42		n.a.
M 9	22 41	7 55	4 21	25 45	2 4	13 15	1 43	27 10	3 26	16 46	1 16	7 10	2 30	10 56	0 25	16 18	1 37	7 17	9 48	21 42	21 27	21 42		n.a.
T 10	22 48	3 18	4 52	25 45	2 2	13 40	1 41	27 12	3 28	16 43	1 16	7 9	2 30	10 55	0 25	16 19	1 37	7 17	9 48	21 42	21 28	21 42		n.a.
W11	22 55	1n36	5 9	25 43	1 59	14 5	1 39	27 14	3 30	16 40	1 16	7 8	2 29	10 55	0 25	16 19	1 37	7 17	9 48	21 43	21 28	21 42		n.a.
T 12	23 2	6 36	5 10	25 39	1 55	14 29	1 38	27 16	3 32	16 37	1 16	7 8	2 29	10 54	0 25	16 20	1 37	7 17	9 48	21 44	21 29	21 42		n.a.
F 13	23 8	11 26	4 52	25 33	1 51	14 53	1 36	27 18	3 34	16 33	1 16	7 8	2 29	10 54	0 25	16 20	1 37	7 16	9 47	21 44	21 30	21 41		n.a.
S 14	23 14	15 47	4 16	25 25	1 46	15 17	1 34	27 20	3 36	16 30	1 16	7 7	2 29	10 53	0 25	16 21	1 37	7 16	9 47	21 45	21 30	21 41		n.a.
S 15	23 19	19 16	3 22	25 16	1 40	15 40	1 32	27 22	3 38	16 26	1 15	7 7	2 28	10 53	0 25	16 21	1 37	7 16	9 47	21 46	21 31	21 41		n.a.
M16	23 23	21 30	2 13	25 5	1 33	16 3	1 29	27 23	3 40	16 23	1 15	7 6	2 28	10 52	0 25	16 22	1 37	7 16	9 47	21 47	21 31	21 41		n.a.
T 17	23 28	22 12	0 55	24 52	1 26	16 25	1 27	27 24	3 41	16 19	1 15	7 6	2 28	10 52	0 25	16 22	1 37	7 16	9 47	21 47	21 32	21 41		n.a.
W18	23 31	21 19	0n27	24 37	1 17	16 47	1 25	27 26	3 43	16 16	1 15	7 6	2 27	10 52	0 25	16 23	1 37	7 16	9 47	21 47	21 32	21 40		n.a.
T 19	23 35	18 58	1 46	24 21	1 8	17 9	1 23	27 27	3 44	16 12	1 15	7 6	2 27	10 51	0 25	16 23	1 37	7 16	9 46	21 47	21 33	21 40		n.a.
F 20	23 37	15 26	2 57	24 3	0 57	17 30	1 20	27 27	3 46	16 8	1 15	7 6	2 27	10 51	0 25	16 24	1 38	7 16	9 46	21 47	21 34	21 40		n.a.
S 21	23 40	11 6	3 55	23 44	0 46	17 51	1 18	27 28	3 47	16 5	1 15	7 5	2 27	10 50	0 25	16 24	1 38	7 16	9 46	21 47	21 34	21 40		n.a.
S 22	23 41	6 18	4 38	23 24	0 33	18 11	1 16	27 29	3 48	16 1	1 14	7 5	2 26	10 50	0 25	16 25	1 38	7 16	9 46	21 46	21 35	21 39		n.a.
M23	23 43	1 20	5 5	23 4	0 20	18 31	1 13	27 29	3 49	15 57	1 14	7 5	2 26	10 50	0 25	16 25	1 38	7 16	9 46	21 47	21 35	21 39		n.a.
T 24	23 44	3s35	5 15	22 42	0 5	18 51	1 11	27 29	3 50	15 53	1 14	7 5	2 26	10 49	0 25	16 26	1 38	7 16	9 45	21 47	21 36	21 39		n.a.
W25	23 44	8 14	5 9	22 21	0n10	19 9	1 8	27 29	3 51	15 49	1 14	7 5	2 25	10 49	0 25	16 26	1 38	7 15	9 45	21 47	21 36	21 39		n.a.
T 26	23 44	12 28	4 48	22 0	0 27	19 28	1 6	27 29	3 52	15 45	1 14	7 6	2 25	10 49	0 25	16 27	1 38	7 15	9 45	21 48	21 37	21 38		n.a.
F 27	23 43	16 5	4 14	21 39	0 44	19 45	1 3	27 28	3 53	15 42	1 14	7 6	2 25	10 49	0 25	16 27	1 38	7 15	9 45	21 48	21 37	21 38		n.a.
S 28	23 42	18 59	3 28	21 19	1 1	20 3	1 1	27 28	3 53	15 38	1 14	7 6	2 24	10 48	0 25	16 28	1 38	7 15	9 45	21 49	21 38	21 38		n.a.
S 29	23 41	21 0	2 34	21 1	1 19	20 19	0 58	27 27	3 54	15 34	1 13	7 6	2 24	10 48	0 25	16 28	1 38	7 15	9 44	21 49	21 39	21 37		n.a.
M30	23 39	22 4	1 34	20 43	1 38	20 35	0 55	27 26	3 54	15 30	1 13	7 6	2 24	10 48	0 25	16 29	1 38	7 15	9 44	21 50	21 39	21 37		n.a.
T 31	23s36	22s 8	0n30	20s27	1n56	20s51	0n53	27n26	3n55	15s25	1s13	7n 7	2s23	10n48	0s25	16s29	1n38	7n15	9s44	21n50	21n40	21s37		n.a.

Julian Day Number = 1601955.5, Delta T = 03h58m36s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'16, Lahiri = - 8°28'16 Julian Calendar 1 Dec. 328 BCE == Greg. Calendar 26 Nov. 328 BCE

The year -327 astronomical counting style corresponds to year 328 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

JANUARY 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 22 46	6♑47'40	28♑55	18°R32	8♐ 3	22°R13	22♒26	23♈45	28°R47	20♏23	15°R 7	22♋29	23♋27	24♑ 9	n.a.	W 1
T 2	6 26 42	7°48'36	10♒42	17♑54	9°17	21♊52	22°38	23°46	28♈46	20°25	15♉ 6	22°30	23°23	24°15	n.a.	T 2
F 3	6 30 39	8°49'30	22°31	17° 6	10°32	21°32	22°51	23°46	28°46	20°26	15° 5	22°31	23°20	24°22	n.a.	F 3
S 4	6 34 35	9°50'22	4♓25	16°10	11°46	21°12	23° 3	23°47	28°45	20°28	15° 5	22°32	23°17	24°29	n.a.	S 4
S 5	6 38 32	10°51'13	16°29	15° 7	13° 0	20°52	23°15	23°47	28°45	20°30	15° 4	22°34	23°14	24°35	n.a.	S 5
M 6	6 42 28	11°52'02	28°47	14° 0	14°14	20°33	23°28	23°48	28°45	20°31	15° 3	22°34	23°11	24°42	n.a.	M 6
T 7	6 46 25	12°52'50	11♈22	12°49	15°29	20°15	23°41	23°49	28°45	20°33	15° 3	22°R35	23° 8	24°49	n.a.	T 7
W 8	6 50 22	13°53'36	24°20	11°37	16°43	19°58	23°53	23°50	28°44	20°34	15° 2	22°34	23° 4	24°55	n.a.	W 8
T 9	6 54 18	14°54'20	7♉43	10°26	17°57	19°41	24° 6	23°51	28°44	20°36	15° 2	22°34	23° 1	25° 2	n.a.	T 9
F 10	6 58 15	15°55'03	21°33	9°18	19°12	19°25	24°19	23°52	28°44	20°37	15° 1	22°33	22°58	25° 9	n.a.	F 10
S 11	7 2 11	16°55'44	5♊51	8°14	20°26	19° 9	24°32	23°54	28°D44	20°39	15° 1	22°32	22°55	25°15	n.a.	S 11
S 12	7 6 8	17°56'23	20°33	7°16	21°40	18°55	24°45	23°55	28°44	20°40	15° 0	22°32	22°52	25°22	n.a.	S 12
M13	7 10 4	18°57'00	5♋35	6°24	22°55	18°41	24°58	23°57	28°44	20°42	15° 0	22°32	22°48	25°28	n.a.	M13
T 14	7 14 1	19°57'36	20°47	5°39	24° 9	18°28	25°11	23°58	28°45	20°43	15° 0	22°D31	22°45	25°35	n.a.	T 14
W15	7 17 57	20°58'10	6♌ 1	5° 2	25°23	18°15	25°24	24° 0	28°45	20°44	14°59	22°32	22°42	25°42	n.a.	W15
T 16	7 21 54	21°58'42	21° 6	4°33	26°37	18° 4	25°37	24° 2	28°45	20°46	14°59	22°32	22°39	25°48	n.a.	T 16
F 17	7 25 51	22°59'13	5♍55	4°12	27°52	17°53	25°50	24° 4	28°45	20°47	14°58	22°R32	22°36	25°55	n.a.	F 17
S 18	7 29 47	23°59'42	20°21	3°58	29° 6	17°43	26° 4	24° 6	28°46	20°48	14°58	22°31	22°33	26° 2	n.a.	S 18
S 19	7 33 44	25° 0'10	4♎20	3°D52	0♑20	17°34	26°17	24° 8	28°46	20°49	14°58	22°31	22°29	26° 8	n.a.	S 19
M20	7 37 40	26° 0'37	17°53	3°53	1°35	17°25	26°30	24°11	28°47	20°51	14°57	22°31	22°26	26°15	n.a.	M20
T 21	7 41 37	27° 1'02	1♏ 1	4° 0	2°49	17°17	26°44	24°13	28°47	20°52	14°57	22°D31	22°23	26°22	n.a.	T 21
W22	7 45 33	28° 1'25	13°46	4°14	4° 3	17°11	26°57	24°16	28°48	20°53	14°57	22°31	22°20	26°28	n.a.	W22
T 23	7 49 30	29° 1'47	26°13	4°34	5°18	17° 4	27°11	24°18	28°48	20°54	14°57	22°32	22°17	26°35	n.a.	T 23
F 24	7 53 26	0♒ 2'08	8♐24	4°59	6°32	16°59	27°25	24°21	28°49	20°55	14°57	22°33	22°14	26°42	n.a.	F 24
S 25	7 57 23	1° 2'26	20°25	5°29	7°46	16°55	27°38	24°24	28°50	20°56	14°56	22°33	22°10	26°48	n.a.	S 25
S 26	8 1 20	2° 2'43	2♑18	6° 3	9° 1	16°51	27°52	24°27	28°50	20°57	14°56	22°34	22° 7	26°55	n.a.	S 26
M27	8 5 16	3° 2'59	14° 7	6°42	10°15	16°48	28° 6	24°30	28°51	20°58	14°56	22°35	22° 4	27° 1	n.a.	M27
T 28	8 9 13	4° 3'12	25°54	7°25	11°29	16°46	28°20	24°33	28°52	20°59	14°56	22°R35	22° 1	27° 8	n.a.	T 28
W29	8 13 9	5° 3'24	7♒41	8°12	12°43	16°44	28°34	24°36	28°53	21° 0	14°56	22°35	21°58	27°15	n.a.	W29
T 30	8 17 6	6° 3'34	19°31	9° 3	13°58	16°D44	28°47	24°40	28°54	21° 1	14°56	22°33	21°54	27°21	n.a.	T 30
F 31	8 21 2	7♒ 3'41	1♓26	9♑56	15♑12	16♊44	29♒ 1	24♈43	28♈55	21♏ 2	14♉56	22♋31	21♋51	27♑28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s33	21s12	0s36	20s14	2n14	21s 6	0n50	27n24	3n55	15s21	1s13	7n 7	2s23	10n48	0s24	16s29	1n38	7n15	9s44	21n50	21n40	21s37			n.a.
T 2	23 30	19 21	1 39	20 2	2 31	21 20	0 47	27 23	3 55	15 17	1 13	7 7	2 23	10 47	0 24	16 30	1 38	7 15	9 44	21 50	21 41	21 36			n.a.
F 3	23 26	16 41	2 39	19 52	2 47	21 34	0 44	27 22	3 55	15 13	1 13	7 8	2 22	10 47	0 24	16 30	1 38	7 15	9 43	21 50	21 41	21 36			n.a.
S 4	23 22	13 18	3 32	19 44	3 1	21 47	0 42	27 21	3 55	15 9	1 13	7 8	2 22	10 47	0 24	16 31	1 38	7 15	9 43	21 49	21 42	21 36			n.a.
S 5	23 17	9 20	4 17	19 39	3 14	22 0	0 39	27 19	3 55	15 4	1 13	7 9	2 22	10 47	0 24	16 31	1 38	7 16	9 43	21 49	21 42	21 35			n.a.
M 6	23 12	4 56	4 51	19 35	3 25	22 11	0 36	27 18	3 55	15 0	1 13	7 9	2 22	10 47	0 24	16 31	1 38	7 16	9 43	21 49	21 43	21 35			n.a.
T 7	23 6	0 13	5 12	19 34	3 34	22 23	0 33	27 16	3 54	14 56	1 12	7 10	2 21	10 47	0 24	16 32	1 38	7 16	9 43	21 49	21 43	21 35			n.a.
W 8	23 0	4n37	5 18	19 34	3 40	22 33	0 31	27 14	3 54	14 52	1 12	7 11	2 21	10 47	0 24	16 32	1 38	7 16	9 42	21 49	21 44	21 34			n.a.
T 9	22 53	9 25	5 7	19 36	3 44	22 43	0 28	27 12	3 53	14 47	1 12	7 11	2 21	10 47	0 24	16 33	1 38	7 16	9 42	21 49	21 45	21 34			n.a.
F 10	22 46	13 54	4 38	19 39	3 45	22 52	0 25	27 11	3 53	14 43	1 12	7 12	2 20	10 47	0 24	16 33	1 38	7 16	9 42	21 49	21 45	21 34			n.a.
S 11	22 39	17 45	3 52	19 44	3 45	23 1	0 22	27 9	3 52	14 38	1 12	7 13	2 20	10 47	0 24	16 33	1 38	7 16	9 42	21 49	21 46	21 33			n.a.
S 12	22 31	20 35	2 49	19 51	3 42	23 9	0 20	27 7	3 52	14 34	1 12	7 14	2 20	10 47	0 24	16 34	1 38	7 16	9 41	21 49	21 46	21 33			n.a.
M13	22 23	22 4	1 33	19 58	3 37	23 16	0 17	27 5	3 51	14 29	1 12	7 15	2 19	10 47	0 24	16 34	1 38	7 16	9 41	21 50	21 47	21 33			n.a.
T 14	22 14	21 57	0 10	20 6	3 31	23 22	0 14	27 3	3 50	14 25	1 12	7 16	2 19	10 47	0 24	16 34	1 38	7 16	9 41	21 50	21 47	21 32			n.a.
W15	22 5	20 12	1n14	20 15	3 23	23 28	0 11	27 1	3 50	14 20	1 12	7 17	2 19	10 47	0 24	16 35	1 38	7 16	9 41	21 50	21 48	21 32			n.a.
T 16	21 55	17 3	2 33	20 25	3 14	23 33	0 8	26 59	3 49	14 16	1 12	7 18	2 18	10 47	0 24	16 35	1 38	7 16	9 40	21 50	21 48	21 31			n.a.
F 17	21 45	12 50	3 39	20 36	3 4	23 37	0 6	26 57	3 48	14 11	1 12	7 19	2 18	10 47	0 24	16 35	1 38	7 17	9 40	21 50	21 49	21 31			n.a.
S 18	21 34	7 59	4 30	20 47	2 54	23 41	0 3	26 55	3 47	14 6	1 11	7 20	2 18	10 48	0 24	16 36	1 38	7 17	9 40	21 50	21 49	21 31			n.a.
S 19	21 24	2 52	5 2	20 58	2 43	23 44	0 0	26 53	3 46	14 2	1 11	7 21	2 17	10 48	0 24	16 36	1 39	7 17	9 40	21 50	21 50	21 30			n.a.
M20	21 12	2s13	5 17	21 10	2 31	23 46	0s 2	26 52	3 45	13 57	1 11	7 22	2 17	10 48	0 24	16 36	1 39	7 17	9 39	21 50	21 50	21 30			n.a.
T 21	21 1	7 3	5 15	21 21	2 19	23 47	0 5	26 50	3 44	13 52	1 11	7 23	2 17	10 48	0 24	16 36	1 39	7 17	9 39	21 50	21 51	21 29			n.a.
W22	20 49	11 27	4 57	21 33	2 7	23 48	0 8	26 48	3 43	13 47	1 11	7 24	2 17	10 48	0 24	16 37	1 39	7 17	9 39	21 50	21 51	21 29			n.a.
T 23	20 36	15 15	4 25	21 44	1 55	23 48	0 10	26 46	3 41	13 43	1 11	7 26	2 16	10 49	0 24	16 37	1 39	7 18	9 39	21 49	21 52	21 29			n.a.
F 24	20 24	18 20	3 42	21 55	1 43	23 47	0 13	26 44	3 40	13 38	1 11	7 27	2 16	10 49	0 24	16 37	1 39	7 18	9 38	21 49	21 53	21 28			n.a.
S 25	20 10	20 34	2 50	22 6	1 31	23 46	0 16	26 43	3 39	13 33	1 11	7 28	2 16	10 49	0 24	16 37	1 39	7 18	9 38	21 49	21 53	21 28			n.a.
S 26	19 57	21 52	1 50	22 16	1 19	23 44	0 18	26 41	3 38	13 28	1 11	7 30	2 15	10 50	0 24	16 38	1 39	7 18	9 38	21 49	21 54	21 27			n.a.
M27	19 43	22 12	0 47	22 26	1 8	23 41	0 21	26 40	3 37	13 23	1 11	7 31	2 15	10 50	0 24	16 38	1 39	7 18	9 38	21 49	21 54	21 27			n.a.
T 28	19 29	21 32	0s18	22 35	0 56	23 37	0 23	26 38	3 35	13 18	1 11	7 32	2 15	10 50	0 24	16 38	1 39	7 18	9 37	21 49	21 55	21 26			n.a.
W29	19 14	19 54	1 23	22 44	0 45	23 33	0 26	26 37	3 34	13 13	1 11	7 34	2 15	10 51	0 24	16 38	1 39	7 19	9 37	21 49	21 55	21 26			n.a.
T 30	18 59	17 25	2 24	22 52	0 34	23 28	0 28	26 35	3 33	13 8	1 11	7 35	2 14	10 51	0 24	16 38	1 39	7 19	9 37	21 49	21 56	21 26			n.a.
F 31	18s44	14s11	3s19	22s59	0n23	23s22	0s31	26n34	3n31	13s 4	1s11	7n37	2s14	10n51	0s24	16s39	1n39	7n19	9s37	21n50	21n56	21s25			n.a.

Julian Day Number = 1601986.5, Delta T = 03h58m35s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'12, Lahiri = - 8°28'11 Julian Calendar 1 Jan. 327 BCE == Greg. Calendar 27 Dec. 328 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

FEBRUARY 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 59	8♒ 3'46	13♓28	10♉53	16♉26	16♊45	29♒15	24♈47	28♈56	21♏ 3	14°R56	22°R29	21♋48	27♉35	n.a.	S 1
S 2	8 28 55	9° 3'50	25°40	11°52	17°40	16°46	29°29	24°50	28°57	21° 4	14°D56	22♋26	21°45	27°41	n.a.	S 2
M 3	8 32 52	10° 3'51	8♈ 3	12°54	18°55	16°49	29°43	24°54	28°59	21° 4	14♉56	22°24	21°42	27°48	n.a.	M 3
T 4	8 36 49	11° 3'50	20°40	13°58	20° 9	16°52	29°57	24°58	29° 0	21° 5	14°56	22°22	21°39	27°55	n.a.	T 4
W 5	8 40 45	12° 3'46	3♉36	15° 5	21°23	16°55	0♓11	25° 2	29° 1	21° 6	14°56	22°21	21°35	28° 1	n.a.	W 5
T 6	8 44 42	13° 3'40	16°51	16°14	22°37	17° 0	0°26	25° 6	29° 2	21° 7	14°56	22°D21	21°32	28° 8	n.a.	T 6
F 7	8 48 38	14° 3'32	0♊30	17°25	23°52	17° 5	0°40	25°10	29° 4	21° 7	14°56	22°22	21°29	28°15	n.a.	F 7
S 8	8 52 35	15° 3'22	14°33	18°38	25° 6	17°11	0°54	25°14	29° 5	21° 8	14°56	22°23	21°26	28°21	n.a.	S 8
S 9	8 56 31	16° 3'09	28°59	19°53	26°20	17°17	1° 8	25°19	29° 7	21° 8	14°56	22°24	21°23	28°28	n.a.	S 9
M10	9 0 28	17° 2'54	13♋46	21° 9	27°34	17°24	1°22	25°23	29° 8	21° 9	14°56	22°25	21°20	28°35	n.a.	M10
T 11	9 4 24	18° 2'37	28°48	22°27	28°48	17°32	1°37	25°28	29°10	21°10	14°57	22°R25	21°16	28°41	n.a.	T 11
W12	9 8 21	19° 2'17	13♌58	23°47	0♒ 3	17°40	1°51	25°32	29°11	21°10	14°57	22°24	21°13	28°48	n.a.	W12
T 13	9 12 18	20° 1'55	29° 6	25° 9	1°17	17°49	2° 5	25°37	29°13	21°10	14°57	22°22	21°10	28°54	n.a.	T 13
F 14	9 16 14	21° 1'31	14♍ 3	26°32	2°31	17°58	2°19	25°42	29°15	21°11	14°57	22°18	21° 7	29° 1	n.a.	F 14
S 15	9 20 11	22° 1'05	28°40	27°57	3°45	18° 8	2°34	25°47	29°17	21°11	14°58	22°14	21° 4	29° 8	n.a.	S 15
S 16	9 24 7	23° 0'37	12♎52	29°23	4°59	18°19	2°48	25°51	29°18	21°12	14°58	22° 9	21° 0	29°14	n.a.	S 16
M17	9 28 4	24° 0'08	26°35	0♒50	6°14	18°30	3° 2	25°56	29°20	21°12	14°58	22° 5	20°57	29°21	n.a.	M17
T 18	9 32 0	24°59'36	9♏51	2°19	7°28	18°42	3°17	26° 2	29°22	21°12	14°59	22° 3	20°54	29°28	n.a.	T 18
W19	9 35 57	25°59'03	22°40	3°49	8°42	18°54	3°31	26° 7	29°24	21°12	14°59	22°D 2	20°51	29°34	n.a.	W19
T 20	9 39 53	26°58'27	5♐ 7	5°21	9°56	19° 7	3°46	26°12	29°26	21°13	14°59	22° 2	20°48	29°41	n.a.	T 20
F 21	9 43 50	27°57'50	17°17	6°54	11°10	19°20	4° 0	26°17	29°28	21°13	15° 0	22° 3	20°45	29°48	n.a.	F 21
S 22	9 47 46	28°57'11	29°14	8°29	12°24	19°34	4°14	26°23	29°30	21°13	15° 0	22° 5	20°41	29°54	n.a.	S 22
S 23	9 51 43	29°56'30	11♑ 3	10° 5	13°38	19°48	4°29	26°28	29°32	21°13	15° 1	22° 7	20°38	0♒ 1	n.a.	S 23
M24	9 55 40	0♓55'47	22°49	11°42	14°53	20° 2	4°43	26°34	29°34	21°13	15° 1	22°R 7	20°35	0° 8	n.a.	M24
T 25	9 59 36	1°55'02	4♒35	13°20	16° 7	20°18	4°58	26°39	29°36	21°13	15° 2	22° 6	20°32	0°14	n.a.	T 25
W26	10 3 33	2°54'15	16°26	15° 0	17°21	20°33	5°12	26°45	29°39	21°R13	15° 2	22° 3	20°29	0°21	n.a.	W26
T 27	10 7 29	3°53'26	28°22	16°42	18°35	20°49	5°27	26°51	29°41	21°13	15° 3	21°59	20°26	0°28	n.a.	T 27
F 28	10 11 26	4♓52'35	10♓27	18♒24	19♒49	21♊ 6	5♓41	26♈57	29♈43	21♏13	15♉ 3	21♋52	20♋22	0♒34	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s29	10s21	4s 6	23s 5	0n12	23s15	0s33	26n33	3n30	12s59	1s11	7n39	2s14	10n52	0s24	16s39	1n39	7n19	9s36	21n50	21n57	21s25		n.a.
S 2	18 13	6 3	4 42	23 10	0 2	23 8	0 35	26 31	3 29	12 53	1 11	7 40	2 13	10 52	0 24	16 39	1 39	7 20	9 36	21 50	21 57	21 24		n.a.
M 3	17 56	1 27	5 6	23 14	0s 8	23 0	0 38	26 30	3 27	12 48	1 11	7 42	2 13	10 53	0 24	16 39	1 39	7 20	9 36	21 51	21 58	21 24		n.a.
T 4	17 40	3n18	5 16	23 17	0 17	22 52	0 40	26 29	3 26	12 43	1 11	7 43	2 13	10 53	0 24	16 39	1 39	7 20	9 36	21 51	21 58	21 23		n.a.
W 5	17 23	8 1	5 10	23 18	0 26	22 42	0 42	26 28	3 24	12 38	1 10	7 45	2 13	10 54	0 23	16 39	1 39	7 20	9 35	21 51	21 59	21 23		n.a.
T 6	17 6	12 29	4 48	23 19	0 35	22 32	0 44	26 27	3 23	12 33	1 10	7 47	2 12	10 54	0 23	16 40	1 39	7 21	9 35	21 51	21 59	21 22		n.a.
F 7	16 49	16 27	4 9	23 19	0 44	22 22	0 47	26 26	3 22	12 28	1 10	7 49	2 12	10 55	0 23	16 40	1 39	7 21	9 35	21 51	22 0	21 22		n.a.
S 8	16 31	19 37	3 14	23 17	0 52	22 10	0 49	26 26	3 20	12 23	1 10	7 51	2 12	10 55	0 23	16 40	1 39	7 21	9 35	21 51	22 0	21 21		n.a.
S 9	16 13	21 38	2 6	23 14	1 0	21 58	0 51	26 25	3 19	12 18	1 10	7 52	2 11	10 56	0 23	16 40	1 40	7 22	9 34	21 51	22 1	21 21		n.a.
M10	15 55	22 13	0 48	23 9	1 7	21 46	0 53	26 24	3 17	12 13	1 10	7 54	2 11	10 56	0 23	16 40	1 40	7 22	9 34	21 51	22 1	21 20		n.a.
T 11	15 37	21 14	0n35	23 4	1 15	21 33	0 55	26 24	3 16	12 8	1 10	7 56	2 11	10 57	0 23	16 40	1 40	7 22	9 34	21 51	22 2	21 20		n.a.
W12	15 18	18 41	1 56	22 57	1 21	21 19	0 57	26 23	3 15	12 2	1 10	7 58	2 11	10 57	0 23	16 40	1 40	7 22	9 34	21 51	22 2	21 19		n.a.
T 13	14 59	14 52	3 8	22 48	1 28	21 4	0 58	26 22	3 13	11 57	1 10	8 0	2 10	10 58	0 23	16 40	1 40	7 23	9 33	21 51	22 3	21 19		n.a.
F 14	14 40	10 8	4 7	22 38	1 34	20 49	1 0	26 22	3 12	11 52	1 10	8 2	2 10	10 59	0 23	16 40	1 40	7 23	9 33	21 52	22 3	21 18		n.a.
S 15	14 20	4 55	4 47	22 27	1 39	20 33	1 2	26 21	3 10	11 47	1 10	8 4	2 10	10 59	0 23	16 40	1 40	7 23	9 33	21 53	22 4	21 18		n.a.
S 16	14 1	0s24	5 9	22 14	1 44	20 17	1 4	26 21	3 9	11 41	1 10	8 6	2 10	11 0	0 23	16 40	1 40	7 24	9 33	21 53	22 4	21 17		n.a.
M17	13 41	5 32	5 12	22 0	1 49	20 0	1 5	26 21	3 8	11 36	1 10	8 8	2 9	11 1	0 23	16 40	1 40	7 24	9 32	21 54	22 5	21 16		n.a.
T 18	13 21	10 14	4 58	21 44	1 54	19 43	1 7	26 20	3 6	11 31	1 10	8 10	2 9	11 1	0 23	16 40	1 40	7 24	9 32	21 54	22 5	21 16		n.a.
W19	13 1	14 19	4 30	21 26	1 58	19 25	1 9	26 20	3 5	11 26	1 10	8 12	2 9	11 2	0 23	16 41	1 40	7 25	9 32	21 54	22 6	21 15		n.a.
T 20	12 40	17 39	3 49	21 7	2 1	19 6	1 10	26 20	3 3	11 20	1 10	8 14	2 9	11 3	0 23	16 41	1 40	7 25	9 32	21 54	22 6	21 15		n.a.
F 21	12 20	20 9	2 59	20 47	2 4	18 47	1 11	26 19	3 2	11 15	1 10	8 17	2 8	11 4	0 23	16 41	1 40	7 25	9 31	21 54	22 7	21 14		n.a.
S 22	11 59	21 42	2 2	20 24	2 7	18 27	1 13	26 19	3 1	11 10	1 10	8 19	2 8	11 4	0 23	16 41	1 40	7 26	9 31	21 54	22 7	21 14		n.a.
S 23	11 38	22 16	1 0	20 0	2 9	18 7	1 14	26 19	2 59	11 4	1 10	8 21	2 8	11 5	0 23	16 40	1 40	7 26	9 31	21 54	22 8	21 13		n.a.
M24	11 17	21 50	0s 4	19 35	2 11	17 46	1 15	26 19	2 58	10 59	1 10	8 23	2 8	11 6	0 23	16 40	1 40	7 26	9 31	21 54	22 8	21 12		n.a.
T 25	10 55	20 26	1 7	19 8	2 12	17 25	1 17	26 18	2 56	10 54	1 10	8 25	2 7	11 7	0 23	16 40	1 40	7 27	9 30	21 54	22 9	21 12		n.a.
W26	10 34	18 9	2 8	18 39	2 13	17 3	1 18	26 18	2 55	10 48	1 10	8 28	2 7	11 8	0 23	16 40	1 40	7 27	9 30	21 54	22 9	21 11		n.a.
T 27	10 12	15 3	3 4	18 9	2 14	16 41	1 19	26 18	2 54	10 43	1 10	8 30	2 7	11 8	0 23	16 40	1 40	7 28	9 30	21 55	22 10	21 11		n.a.
F 28	9s50	11s19	3s52	17s37	2s14	16s19	1s20	26n18	2n52	10s38	1s10	8n32	2s 7	11n 9	0s23	16s40	1n40	7n28	9s30	21n56	22n10	21s10		n.a.

Julian Day Number = 1602017.5, Delta T = 03h58m34s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'08, Lahiri = - 8°28'07 Julian Calendar 1 Feb. 327 BCE == Greg. Calendar 27 Jan. 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

MARCH 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 15 22	5♓51'41	22♓42	20♒ 8	21♒ 3	21♊23	5♓55	27♈ 2	29♈46	21°R13	15♉ 4	21°R44	20♋19	0♒41	n.a.	S 1
S 2	10 19 19	6°50'45	5♈ 7	21°54	22°17	21°40	6°10	27° 8	29°48	21♏13	15° 4	21♋36	20°16	0°47	n.a.	S 2
M 3	10 23 15	7°49'47	17°43	23°41	23°31	21°58	6°24	27°14	29°50	21°13	15° 5	21°28	20°13	0°54	n.a.	M 3
T 4	10 27 12	8°48'47	0♉33	25°29	24°45	22°16	6°39	27°20	29°53	21°13	15° 6	21°21	20°10	1° 1	n.a.	T 4
W 5	10 31 8	9°47'44	13°35	27°19	25°59	22°35	6°53	27°27	29°55	21°12	15° 6	21°16	20° 6	1° 7	n.a.	W 5
T 6	10 35 5	10°46'39	26°53	29°10	27°13	22°54	7° 8	27°33	29°58	21°12	15° 7	21°13	20° 3	1°14	n.a.	T 6
F 7	10 39 2	11°45'32	10♊27	1♓ 3	28°27	23°13	7°22	27°39	0♉ 0	21°12	15° 8	21°D12	20° 0	1°21	n.a.	F 7
S 8	10 42 58	12°44'22	24°19	2°57	29°41	23°33	7°36	27°45	0° 3	21°12	15° 8	21°12	19°57	1°27	n.a.	S 8
S 9	10 46 55	13°43'10	8♋29	4°52	0♓55	23°53	7°51	27°52	0° 6	21°11	15° 9	21°13	19°54	1°34	n.a.	S 9
M10	10 50 51	14°41'56	22°56	6°49	2° 9	24°13	8° 5	27°58	0° 8	21°11	15°10	21°R14	19°51	1°41	n.a.	M10
T 11	10 54 48	15°40'39	7♌37	8°47	3°23	24°34	8°19	28° 5	0°11	21°10	15°11	21°13	19°47	1°47	n.a.	T 11
W12	10 58 44	16°39'20	22°28	10°47	4°37	24°55	8°34	28°11	0°14	21°10	15°11	21° 9	19°44	1°54	n.a.	W12
T 13	11 2 41	17°37'58	7♍21	12°48	5°51	25°17	8°48	28°18	0°16	21°10	15°12	21° 3	19°41	2° 1	n.a.	T 13
F 14	11 6 37	18°36'35	22° 9	14°50	7° 5	25°38	9° 2	28°25	0°19	21° 9	15°13	20°56	19°38	2° 7	n.a.	F 14
S 15	11 10 34	19°35'09	6♎42	16°54	8°19	26° 1	9°17	28°31	0°22	21° 9	15°14	20°47	19°35	2°14	n.a.	S 15
S 16	11 14 31	20°33'41	20°54	18°58	9°33	26°23	9°31	28°38	0°25	21° 8	15°15	20°37	19°31	2°21	n.a.	S 16
M17	11 18 27	21°32'12	4♏41	21° 4	10°47	26°46	9°45	28°45	0°28	21° 7	15°16	20°29	19°28	2°27	n.a.	M17
T 18	11 22 24	22°30'40	18° 1	23°10	12° 1	27° 8	10° 0	28°52	0°31	21° 7	15°17	20°22	19°25	2°34	n.a.	T 18
W19	11 26 20	23°29'07	0♐55	25°17	13°15	27°32	10°14	28°59	0°34	21° 6	15°18	20°17	19°22	2°40	n.a.	W19
T 20	11 30 17	24°27'33	13°25	27°25	14°29	27°55	10°28	29° 6	0°37	21° 5	15°18	20°15	19°19	2°47	n.a.	T 20
F 21	11 34 13	25°25'57	25°37	29°32	15°43	28°19	10°42	29°13	0°39	21° 5	15°19	20°D14	19°16	2°54	n.a.	F 21
S 22	11 38 10	26°24'19	7♑34	1♈40	16°57	28°43	10°56	29°20	0°42	21° 4	15°20	20°14	19°12	3° 0	n.a.	S 22
S 23	11 42 6	27°22'39	19°24	3°47	18°11	29° 7	11°10	29°27	0°46	21° 3	15°21	20°R15	19° 9	3° 7	n.a.	S 23
M24	11 46 3	28°20'57	1♒11	5°54	19°25	29°32	11°25	29°34	0°49	21° 2	15°22	20°14	19° 6	3°14	n.a.	M24
T 25	11 50 0	29°19'14	12°59	7°59	20°38	29°57	11°39	29°41	0°52	21° 2	15°23	20°12	19° 3	3°20	n.a.	T 25
W26	11 53 56	0♈17'29	24°54	10° 4	21°52	0♋22	11°53	29°48	0°55	21° 1	15°24	20° 7	19° 0	3°27	n.a.	W26
T 27	11 57 53	1°15'43	6♓59	12° 7	23° 6	0°47	12° 7	29°56	0°58	21° 0	15°25	19°59	18°57	3°34	n.a.	T 27
F 28	12 1 49	2°13'55	19°15	14° 8	24°20	1°13	12°21	0♉ 3	1° 1	20°59	15°26	19°49	18°53	3°40	n.a.	F 28
S 29	12 5 46	3°12'04	1♈44	16° 7	25°34	1°39	12°35	0°10	1° 4	20°58	15°28	19°37	18°50	3°47	n.a.	S 29
S 30	12 9 42	4°10'12	14°27	18° 3	26°48	2° 5	12°49	0°18	1° 7	20°57	15°29	19°25	18°47	3°54	n.a.	S 30
M31	12 13 39	5♈ 8'19	27♈23	19♈57	28♓ 2	2♋31	13♓ 2	0♉25	1♉11	20♏56	15♉30	19♋12	18♋44	4♒ 0	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	9s28	7s 3	4s30	17s 3	2s13	15s56	1s21	26n18	2n51	10s32	1s10	8n35	2s 7	11n10	0s23	16s40	1n41	7n28	9s30	21n57	22n11	21s 9		n.a.	S 1
S 2	9 6	2 28	4 56	16 27	2 12	15 32	1 22	26 18	2 50	10 27	1 10	8 37	2 6	11 11	0 23	16 40	1 41	7 29	9 29	21 59	22 11	21 9		n.a.	S 2
M 3	8 44	2n18	5 7	15 50	2 10	15 8	1 22	26 17	2 48	10 21	1 10	8 39	2 6	11 12	0 23	16 40	1 41	7 29	9 29	22 0	22 11	21 8		n.a.	M 3
T 4	8 22	7 3	5 4	15 12	2 8	14 44	1 23	26 17	2 47	10 16	1 10	8 42	2 6	11 13	0 23	16 40	1 41	7 30	9 29	22 1	22 12	21 8		n.a.	T 4
W 5	7 59	11 35	4 45	14 31	2 6	14 19	1 24	26 17	2 46	10 11	1 10	8 44	2 6	11 14	0 23	16 40	1 41	7 30	9 29	22 2	22 12	21 7		n.a.	W 5
T 6	7 37	15 38	4 11	13 49	2 3	13 54	1 24	26 17	2 45	10 5	1 10	8 47	2 5	11 15	0 23	16 40	1 41	7 30	9 28	22 2	22 13	21 6		n.a.	T 6
F 7	7 14	18 58	3 22	13 5	1 59	13 29	1 25	26 17	2 43	10 0	1 10	8 49	2 5	11 15	0 23	16 40	1 41	7 31	9 28	22 2	22 13	21 6		n.a.	F 7
S 8	6 52	21 17	2 20	12 20	1 55	13 3	1 25	26 16	2 42	9 54	1 10	8 52	2 5	11 16	0 23	16 39	1 41	7 31	9 28	22 2	22 14	21 5		n.a.	S 8
S 9	6 29	22 20	1 8	11 33	1 50	12 37	1 26	26 16	2 41	9 49	1 10	8 54	2 5	11 17	0 23	16 39	1 41	7 32	9 28	22 2	22 14	21 4		n.a.	S 9
M10	6 6	21 55	0n 9	10 44	1 45	12 11	1 26	26 16	2 40	9 44	1 11	8 57	2 5	11 18	0 23	16 39	1 41	7 32	9 27	22 2	22 15	21 4		n.a.	M10
T 11	5 43	19 59	1 27	9 54	1 39	11 44	1 27	26 15	2 38	9 38	1 11	8 59	2 4	11 19	0 23	16 39	1 41	7 33	9 27	22 2	22 15	21 3		n.a.	T 11
W12	5 20	16 42	2 40	9 2	1 33	11 17	1 27	26 15	2 37	9 33	1 11	9 2	2 4	11 20	0 23	16 39	1 41	7 33	9 27	22 3	22 16	21 2		n.a.	W12
T 13	4 57	12 20	3 41	8 9	1 26	10 49	1 27	26 15	2 36	9 27	1 11	9 4	2 4	11 21	0 23	16 39	1 41	7 33	9 27	22 4	22 16	21 2		n.a.	T 13
F 14	4 34	7 15	4 28	7 15	1 19	10 22	1 27	26 14	2 35	9 22	1 11	9 7	2 4	11 22	0 23	16 39	1 41	7 34	9 27	22 5	22 17	21 1		n.a.	F 14
S 15	4 10	1 50	4 56	6 19	1 11	9 54	1 27	26 14	2 33	9 17	1 11	9 9	2 4	11 23	0 23	16 38	1 41	7 34	9 26	22 6	22 17	21 0		n.a.	S 15
S 16	3 47	3s33	5 5	5 22	1 2	9 25	1 27	26 13	2 32	9 11	1 11	9 12	2 4	11 24	0 23	16 38	1 41	7 35	9 26	22 8	22 18	21 0		n.a.	S 16
M17	3 24	8 36	4 56	4 24	0 53	8 57	1 27	26 13	2 31	9 6	1 11	9 15	2 3	11 25	0 23	16 38	1 41	7 35	9 26	22 9	22 18	20 59		n.a.	M17
T 18	3 0	13 5	4 31	3 25	0 44	8 28	1 27	26 12	2 30	9 0	1 11	9 17	2 3	11 26	0 22	16 38	1 41	7 36	9 26	22 10	22 19	20 58		n.a.	T 18
W19	2 37	16 48	3 52	2 25	0 34	8 0	1 27	26 11	2 29	8 55	1 11	9 20	2 3	11 27	0 22	16 38	1 41	7 36	9 26	22 11	22 19	20 58		n.a.	W19
T 20	2 14	19 39	3 4	1 25	0 24	7 30	1 26	26 11	2 28	8 50	1 11	9 23	2 3	11 29	0 22	16 37	1 41	7 37	9 25	22 11	22 19	20 57		n.a.	T 20
F 21	1 50	21 32	2 8	0 24	0 14	7 1	1 26	26 10	2 26	8 44	1 11	9 25	2 3	11 30	0 22	16 37	1 41	7 37	9 25	22 11	22 20	20 56		n.a.	F 21
S 22	1 27	22 24	1 7	0n37	0 3	6 32	1 26	26 9	2 25	8 39	1 11	9 28	2 3	11 31	0 22	16 37	1 41	7 37	9 25	22 11	22 20	20 55		n.a.	S 22
S 23	1 3	22 14	0 5	1 38	0n 7	6 2	1 25	26 8	2 24	8 33	1 11	9 30	2 2	11 32	0 22	16 37	1 42	7 38	9 25	22 11	22 21	20 55		n.a.	S 23
M24	0 40	21 5	0s58	2 39	0 18	5 32	1 25	26 7	2 23	8 28	1 11	9 33	2 2	11 33	0 22	16 36	1 42	7 38	9 25	22 11	22 21	20 54		n.a.	M24
T 25	0 16	19 0	1 58	3 39	0 29	5 2	1 24	26 6	2 22	8 23	1 11	9 36	2 2	11 34	0 22	16 36	1 42	7 39	9 24	22 12	22 22	20 53		n.a.	T 25
W26	0n 7	16 6	2 53	4 39	0 40	4 32	1 23	26 5	2 21	8 17	1 11	9 39	2 2	11 35	0 22	16 36	1 42	7 39	9 24	22 12	22 22	20 52		n.a.	W26
T 27	0 30	12 29	3 42	5 38	0 51	4 2	1 23	26 3	2 20	8 12	1 11	9 41	2 2	11 36	0 22	16 36	1 42	7 40	9 24	22 14	22 23	20 52		n.a.	T 27
F 28	0 54	8 17	4 20	6 35	1 2	3 32	1 22	26 2	2 18	8 7	1 12	9 44	2 2	11 37	0 22	16 35	1 42	7 40	9 24	22 15	22 23	20 51		n.a.	F 28
S 29	1 17	3 41	4 47	7 31	1 12	3 1	1 21	26 1	2 17	8 1	1 12	9 47	2 1	11 38	0 22	16 35	1 42	7 41	9 24	22 17	22 24	20 50		n.a.	S 29
S 30	1 41	1n10	5 0	8 26	1 23	2 31	1 20	25 59	2 16	7 56	1 12	9 49	2 1	11 40	0 22	16 35	1 42	7 41	9 23	22 19	22 24	20 49		n.a.	S 30
M31	2n 4	6n 2	4s58	9n19	1n32	2s 0	1s19	25n58	2n15	7s51	1s12	9n52	2s 1	11n41	0s22	16s34	1n42	7n42	9s23	22n20	22n24	20s49		n.a.	M31

Julian Day Number = 1602045.5, Delta T = 03h58m33s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'04, Lahiri = - 8°28'03 Julian Calendar 1 March 327 BCE == Greg. Calendar 24 Feb. 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

APRIL 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 17 35	6♈ 6'23	10♉32	21♈48	29♓16	2♋58	13♓16	0♉33	1♉14	20°R55	15♉31	19°R 2	18♋41	4♒ 7	n.a.	T 1
W 2	12 21 32	7° 4'25	23°52	23°35	0♈29	3°24	13°30	0°40	1°17	20♏54	15°32	18♋53	18°37	4°14	n.a.	W 2
T 3	12 25 28	8° 2'26	7♊23	25°20	1°43	3°51	13°44	0°48	1°20	20°53	15°33	18°48	18°34	4°20	n.a.	T 3
F 4	12 29 25	9° 0'25	21° 4	27° 1	2°57	4°18	13°58	0°55	1°24	20°52	15°34	18°45	18°31	4°27	n.a.	F 4
S 5	12 33 22	9°58'21	4♋56	28°39	4°11	4°46	14°11	1° 3	1°27	20°51	15°35	18°44	18°28	4°34	n.a.	S 5
S 6	12 37 18	10°56'16	18°58	0♉13	5°25	5°13	14°25	1°10	1°30	20°50	15°37	18°44	18°25	4°40	n.a.	S 6
M 7	12 41 15	11°54'09	3♌10	1°43	6°38	5°41	14°38	1°18	1°34	20°49	15°38	18°44	18°22	4°47	n.a.	M 7
T 8	12 45 11	12°51'59	17°31	3° 9	7°52	6° 9	14°52	1°25	1°37	20°47	15°39	18°42	18°18	4°53	n.a.	T 8
W 9	12 49 8	13°49'48	1♍58	4°31	9° 6	6°37	15° 6	1°33	1°40	20°46	15°40	18°37	18°15	5° 0	n.a.	W 9
T 10	12 53 4	14°47'35	16°27	5°50	10°20	7° 5	15°19	1°41	1°44	20°45	15°41	18°30	18°12	5° 7	n.a.	T 10
F 11	12 57 1	15°45'20	0♎52	7° 4	11°33	7°34	15°32	1°48	1°47	20°44	15°43	18°20	18° 9	5°13	n.a.	F 11
S 12	13 0 57	16°43'04	15° 7	8°15	12°47	8° 3	15°46	1°56	1°50	20°42	15°44	18° 8	18° 6	5°20	n.a.	S 12
S 13	13 4 54	17°40'46	29° 5	9°21	14° 1	8°31	15°59	2° 4	1°54	20°41	15°45	17°57	18° 2	5°27	n.a.	S 13
M14	13 8 51	18°38'27	12♏44	10°23	15°15	9° 0	16°12	2°12	1°57	20°40	15°46	17°46	17°59	5°33	n.a.	M14
T 15	13 12 47	19°36'06	25°59	11°20	16°28	9°30	16°25	2°19	2° 1	20°39	15°48	17°36	17°56	5°40	n.a.	T 15
W16	13 16 44	20°33'44	8♐51	12°14	17°42	9°59	16°39	2°27	2° 4	20°37	15°49	17°29	17°53	5°47	n.a.	W16
T 17	13 20 40	21°31'21	21°22	13° 3	18°56	10°28	16°52	2°35	2° 8	20°36	15°50	17°25	17°50	5°53	n.a.	T 17
F 18	13 24 37	22°28'57	3♑34	13°47	20°10	10°58	17° 5	2°43	2°11	20°35	15°51	17°23	17°47	6° 0	n.a.	F 18
S 19	13 28 33	23°26'32	15°34	14°27	21°23	11°28	17°18	2°51	2°15	20°33	15°53	17°D23	17°43	6° 7	n.a.	S 19
S 20	13 32 30	24°24'06	27°25	15° 2	22°37	11°58	17°31	2°58	2°18	20°32	15°54	17°R23	17°40	6°13	n.a.	S 20
M21	13 36 26	25°21'39	9♒13	15°33	23°51	12°28	17°43	3° 6	2°22	20°30	15°55	17°22	17°37	6°20	n.a.	M21
T 22	13 40 23	26°19'10	21° 4	15°59	25° 5	12°58	17°56	3°14	2°25	20°29	15°57	17°20	17°34	6°27	n.a.	T 22
W23	13 44 20	27°16'41	3♓ 3	16°20	26°18	13°29	18° 9	3°22	2°28	20°28	15°58	17°16	17°31	6°33	n.a.	W23
T 24	13 48 16	28°14'10	15°14	16°37	27°32	13°59	18°22	3°30	2°32	20°26	15°59	17° 9	17°28	6°40	n.a.	T 24
F 25	13 52 13	29°11'39	27°39	16°49	28°46	14°30	18°34	3°38	2°35	20°25	16° 1	16°59	17°24	6°47	n.a.	F 25
S 26	13 56 9	0♉ 9'07	10♈22	16°56	29°59	15° 1	18°47	3°46	2°39	20°23	16° 2	16°48	17°21	6°53	n.a.	S 26
S 27	14 0 6	1° 6'33	23°22	16°R58	1♉13	15°32	18°59	3°54	2°42	20°22	16° 3	16°36	17°18	7° 0	n.a.	S 27
M28	14 4 2	2° 3'59	6♉39	16°56	2°27	16° 3	19°11	4° 2	2°46	20°20	16° 5	16°24	17°15	7° 7	n.a.	M28
T 29	14 7 59	3° 1'23	20°10	16°49	3°41	16°34	19°24	4° 9	2°49	20°19	16° 6	16°13	17°12	7°13	n.a.	T 29
W30	14 11 55	3♉58'46	3♊54	16♉39	4♉54	17♋ 5	19♓36	4♉17	2♉53	20♏17	16♉ 7	16♋ 5	17♋ 8	7♒20	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n27	10n43	4s41	10n10	1n42	1s29	1s18	25n56	2n14	7s45	1s12	9n55	2s 1	11n42	0s22	16s34	1n42	7n42	9s23	22n22	22n25	20s48		n.a.
W 2	2 50	14 58	4 8	10 59	1 50	0 59	1 17	25 54	2 13	7 40	1 12	9 58	2 1	11 43	0 22	16 34	1 42	7 43	9 23	22 23	22 25	20 47		n.a.
T 3	3 14	18 31	3 20	11 45	1 59	0 28	1 16	25 53	2 12	7 35	1 12	10 0	2 1	11 44	0 22	16 34	1 42	7 43	9 23	22 24	22 26	20 46		n.a.
F 4	3 37	21 5	2 21	12 30	2 6	0n 3	1 15	25 51	2 11	7 30	1 12	10 3	2 1	11 45	0 22	16 33	1 42	7 44	9 23	22 24	22 26	20 46		n.a.
S 5	4 0	22 26	1 12	13 12	2 13	0 33	1 14	25 49	2 10	7 24	1 12	10 6	2 1	11 47	0 22	16 33	1 42	7 44	9 22	22 24	22 27	20 45		n.a.
S 6	4 23	22 24	0n 1	13 51	2 19	1 4	1 12	25 47	2 9	7 19	1 12	10 9	2 0	11 48	0 22	16 33	1 42	7 45	9 22	22 24	22 27	20 44		n.a.
M 7	4 46	20 55	1 16	14 28	2 25	1 35	1 11	25 44	2 8	7 14	1 12	10 11	2 0	11 49	0 22	16 32	1 42	7 45	9 22	22 24	22 27	20 43		n.a.
T 8	5 9	18 5	2 26	15 3	2 29	2 6	1 10	25 42	2 7	7 9	1 13	10 14	2 0	11 50	0 22	16 32	1 42	7 45	9 22	22 25	22 28	20 42		n.a.
W 9	5 31	14 7	3 27	15 35	2 33	2 36	1 8	25 40	2 6	7 3	1 13	10 17	2 0	11 51	0 22	16 32	1 42	7 46	9 22	22 25	22 28	20 41		n.a.
T 10	5 54	9 19	4 15	16 5	2 36	3 7	1 7	25 37	2 5	6 58	1 13	10 20	2 0	11 52	0 22	16 31	1 42	7 46	9 22	22 26	22 29	20 41		n.a.
F 11	6 16	4 2	4 47	16 32	2 38	3 38	1 5	25 34	2 4	6 53	1 13	10 23	2 0	11 54	0 22	16 31	1 42	7 47	9 22	22 28	22 29	20 40		n.a.
S 12	6 39	1s25	5 0	16 56	2 40	4 8	1 4	25 32	2 3	6 48	1 13	10 25	2 0	11 55	0 22	16 31	1 42	7 47	9 21	22 29	22 30	20 39		n.a.
S 13	7 1	6 41	4 55	17 18	2 40	4 39	1 2	25 29	2 2	6 43	1 13	10 28	2 0	11 56	0 22	16 30	1 42	7 48	9 21	22 31	22 30	20 38		n.a.
M14	7 24	11 31	4 33	17 38	2 39	5 9	1 0	25 26	2 1	6 38	1 13	10 31	2 0	11 57	0 22	16 30	1 42	7 48	9 21	22 32	22 31	20 37		n.a.
T 15	7 46	15 39	3 57	17 55	2 38	5 39	0 59	25 23	2 0	6 33	1 13	10 34	1 59	11 59	0 22	16 29	1 42	7 49	9 21	22 34	22 31	20 36		n.a.
W16	8 8	18 56	3 9	18 9	2 35	6 9	0 57	25 20	1 59	6 28	1 13	10 36	1 59	12 0	0 22	16 29	1 42	7 49	9 21	22 34	22 31	20 36		n.a.
T 17	8 29	21 14	2 13	18 21	2 32	6 39	0 55	25 16	1 58	6 23	1 14	10 39	1 59	12 1	0 22	16 29	1 42	7 50	9 21	22 35	22 32	20 35		n.a.
F 18	8 51	22 29	1 13	18 31	2 27	7 9	0 53	25 13	1 57	6 18	1 14	10 42	1 59	12 2	0 22	16 28	1 42	7 50	9 21	22 35	22 32	20 34		n.a.
S 19	9 13	22 39	0 10	18 38	2 22	7 39	0 51	25 9	1 56	6 13	1 14	10 45	1 59	12 3	0 22	16 28	1 42	7 51	9 20	22 35	22 33	20 33		n.a.
S 20	9 34	21 48	0s53	18 42	2 15	8 9	0 49	25 6	1 55	6 8	1 14	10 48	1 59	12 5	0 22	16 27	1 42	7 51	9 20	22 35	22 33	20 32		n.a.
M21	9 56	19 59	1 53	18 44	2 8	8 38	0 47	25 2	1 54	6 3	1 14	10 50	1 59	12 6	0 22	16 27	1 42	7 52	9 20	22 35	22 33	20 31		n.a.
T 22	10 17	17 18	2 49	18 44	2 0	9 7	0 45	24 58	1 53	5 58	1 14	10 53	1 59	12 7	0 22	16 27	1 42	7 52	9 20	22 36	22 34	20 30		n.a.
W23	10 38	13 53	3 37	18 41	1 50	9 36	0 43	24 54	1 52	5 53	1 14	10 56	1 59	12 8	0 22	16 26	1 42	7 53	9 20	22 36	22 34	20 29		n.a.
T 24	10 59	9 49	4 16	18 36	1 40	10 5	0 41	24 50	1 51	5 48	1 14	10 59	1 59	12 9	0 22	16 26	1 42	7 53	9 20	22 37	22 35	20 29		n.a.
F 25	11 19	5 17	4 45	18 29	1 28	10 33	0 39	24 46	1 50	5 43	1 15	11 1	1 59	12 11	0 22	16 25	1 42	7 54	9 20	22 38	22 35	20 28		n.a.
S 26	11 40	0 26	4 59	18 19	1 16	11 2	0 37	24 41	1 49	5 38	1 15	11 4	1 59	12 12	0 22	16 25	1 42	7 54	9 20	22 40	22 36	20 27		n.a.
S 27	12 0	4n33	4 59	18 7	1 3	11 30	0 35	24 37	1 48	5 33	1 15	11 7	1 59	12 13	0 22	16 25	1 42	7 55	9 20	22 41	22 36	20 26		n.a.
M28	12 20	9 27	4 43	17 53	0 49	11 58	0 33	24 32	1 48	5 29	1 15	11 10	1 58	12 14	0 22	16 24	1 43	7 55	9 20	22 43	22 36	20 25		n.a.
T 29	12 40	13 59	4 11	17 37	0 34	12 25	0 31	24 27	1 47	5 24	1 15	11 12	1 58	12 16	0 22	16 24	1 43	7 55	9 19	22 44	22 37	20 24		n.a.
W30	13n 0	17n51	3s24	17n19	0n19	12n52	0s28	24n22	1n46	5s19	1s15	11n15	1s58	12n17	0s22	16s23	1n43	7n56	9s19	22n45	22n37	20s23		n.a.

Julian Day Number = 1602076.5, Delta T = 03h58m32s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°35'00, Lahiri = - 8°27'59 Julian Calendar 1 Apr. 327 BCE == Greg. Calendar 27 March 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

MAY 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 15 52	4♉56'09	17♊47	16°R24	6♉ 8	17♋37	19♓48	4♉25	2♉56	20°R16	16♉ 9	16°R 0	17♋ 5	7♒26	n.a.	T 1
F 2	14 19 49	5°53'30	1♋46	16♉ 5	7°22	18° 9	20° 0	4°33	3° 0	20♏14	16°10	15♋57	17° 2	7°33	n.a.	F 2
S 3	14 23 45	6°50'50	15°49	15°43	8°35	18°40	20°12	4°41	3° 3	20°12	16°12	15°D57	16°59	7°40	n.a.	S 3
S 4	14 27 42	7°48'08	29°56	15°17	9°49	19°12	20°24	4°49	3° 7	20°11	16°13	15°57	16°56	7°46	n.a.	S 4
M 5	14 31 38	8°45'26	14♌ 4	14°49	11° 3	19°44	20°36	4°57	3°10	20° 9	16°14	15°R57	16°53	7°53	n.a.	M 5
T 6	14 35 35	9°42'42	28°13	14°19	12°16	20°17	20°48	5° 5	3°14	20° 8	16°16	15°56	16°49	8° 0	n.a.	T 6
W 7	14 39 31	10°39'57	12♍21	13°47	13°30	20°49	20°59	5°13	3°17	20° 6	16°17	15°52	16°46	8° 6	n.a.	W 7
T 8	14 43 28	11°37'11	26°26	13°14	14°44	21°21	21°11	5°21	3°21	20° 5	16°18	15°46	16°43	8°13	n.a.	T 8
F 9	14 47 24	12°34'24	10♎25	12°41	15°57	21°54	21°22	5°28	3°24	20° 3	16°20	15°38	16°40	8°20	n.a.	F 9
S 10	14 51 21	13°31'36	24°14	12° 7	17°11	22°26	21°34	5°36	3°28	20° 1	16°21	15°29	16°37	8°26	n.a.	S 10
S 11	14 55 18	14°28'48	7♏50	11°34	18°25	22°59	21°45	5°44	3°31	20° 0	16°23	15°19	16°34	8°33	n.a.	S 11
M12	14 59 14	15°25'58	21° 9	11° 2	19°38	23°32	21°56	5°52	3°35	19°58	16°24	15° 9	16°30	8°40	n.a.	M12
T 13	15 3 11	16°23'09	4♐10	10°32	20°52	24° 5	22° 8	6° 0	3°38	19°56	16°25	15° 1	16°27	8°46	n.a.	T 13
W14	15 7 7	17°20'18	16°53	10° 4	22° 6	24°38	22°19	6° 8	3°42	19°55	16°27	14°56	16°24	8°53	n.a.	W14
T 15	15 11 4	18°17'28	29°18	9°39	23°19	25°11	22°30	6°15	3°45	19°53	16°28	14°52	16°21	9° 0	n.a.	T 15
F 16	15 15 0	19°14'37	11♑28	9°16	24°33	25°44	22°40	6°23	3°48	19°52	16°30	14°D51	16°18	9° 6	n.a.	F 16
S 17	15 18 57	20°11'45	23°27	8°58	25°46	26°18	22°51	6°31	3°52	19°50	16°31	14°51	16°14	9°13	n.a.	S 17
S 18	15 22 53	21° 8'54	5♒18	8°43	27° 0	26°51	23° 2	6°39	3°55	19°48	16°32	14°52	16°11	9°20	n.a.	S 18
M19	15 26 50	22° 6'02	17° 8	8°32	28°14	27°25	23°12	6°46	3°59	19°47	16°34	14°R53	16° 8	9°26	n.a.	M19
T 20	15 30 47	23° 3'10	29° 0	8°25	29°27	27°58	23°23	6°54	4° 2	19°45	16°35	14°53	16° 5	9°33	n.a.	T 20
W21	15 34 43	24° 0'18	11♓ 0	8°D23	0♊41	28°32	23°33	7° 2	4° 5	19°44	16°37	14°51	16° 2	9°40	n.a.	W21
T 22	15 38 40	24°57'26	23°14	8°25	1°55	29° 6	23°43	7° 9	4° 9	19°42	16°38	14°48	15°59	9°46	n.a.	T 22
F 23	15 42 36	25°54'33	5♈45	8°32	3° 8	29°40	23°53	7°17	4°12	19°40	16°39	14°42	15°55	9°53	n.a.	F 23
S 24	15 46 33	26°51'41	18°35	8°44	4°22	0♌14	24° 3	7°25	4°15	19°39	16°41	14°36	15°52	10° 0	n.a.	S 24
S 25	15 50 29	27°48'49	1♉47	9° 1	5°36	0°48	24°13	7°32	4°19	19°37	16°42	14°28	15°49	10° 6	n.a.	S 25
M26	15 54 26	28°45'56	15°20	9°22	6°49	1°23	24°23	7°40	4°22	19°36	16°44	14°20	15°46	10°13	n.a.	M26
T 27	15 58 22	29°43'04	29°12	9°48	8° 3	1°57	24°33	7°47	4°25	19°34	16°45	14°14	15°43	10°20	n.a.	T 27
W28	16 2 19	0♊40'11	13♊19	10°19	9°17	2°32	24°42	7°55	4°28	19°32	16°46	14° 9	15°39	10°26	n.a.	W28
T 29	16 6 16	1°37'19	27°37	10°54	10°30	3° 6	24°52	8° 3	4°31	19°31	16°48	14° 6	15°36	10°33	n.a.	T 29
F 30	16 10 12	2°34'26	12♋ 1	11°34	11°44	3°41	25° 1	8°10	4°35	19°29	16°49	14°D 5	15°33	10°40	n.a.	F 30
S 31	16 14 9	3♊31'33	26♋25	12♉19	12♊58	4♌16	25♓10	8♉17	4♉38	19♏28	16♉50	14♋ 5	15♋30	10♒46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n20	20n47	2s24	17n 0	0n 3	13n19	0s26	24n17	1n45	5s14	1s16	11n18	1s58	12n18	0s22	16s23	1n43	7n56	9s19	22n46	22n38	20s22			n.a.
F 2	13 39	22 29	1 15	16 38	0s13	13 46	0 24	24 12	1 44	5 10	1 16	11 20	1 58	12 19	0 22	16 23	1 43	7 57	9 19	22 46	22 38	20 21			n.a.
S 3	13 58	22 46	0 1	16 16	0 30	14 12	0 22	24 7	1 43	5 5	1 16	11 23	1 58	12 20	0 22	16 22	1 43	7 57	9 19	22 46	22 38	20 20			n.a.
S 4	14 17	21 37	1n14	15 52	0 47	14 38	0 19	24 1	1 42	5 1	1 16	11 26	1 58	12 22	0 22	16 22	1 43	7 58	9 19	22 46	22 39	20 19			n.a.
M 5	14 36	19 6	2 24	15 27	1 4	15 3	0 17	23 56	1 41	4 56	1 16	11 29	1 58	12 23	0 22	16 21	1 43	7 58	9 19	22 46	22 39	20 18			n.a.
T 6	14 54	15 26	3 25	15 2	1 21	15 29	0 15	23 50	1 40	4 51	1 16	11 31	1 58	12 24	0 22	16 21	1 43	7 59	9 19	22 46	22 40	20 17			n.a.
W 7	15 12	10 54	4 14	14 37	1 38	15 53	0 12	23 44	1 39	4 47	1 16	11 34	1 58	12 25	0 22	16 20	1 43	7 59	9 19	22 47	22 40	20 16			n.a.
T 8	15 30	5 49	4 47	14 11	1 55	16 18	0 10	23 38	1 39	4 43	1 17	11 37	1 58	12 26	0 22	16 20	1 43	8 0	9 19	22 47	22 40	20 15			n.a.
F 9	15 48	0 27	5 3	13 46	2 11	16 42	0 8	23 32	1 38	4 38	1 17	11 39	1 58	12 28	0 22	16 20	1 43	8 0	9 19	22 48	22 41	20 15			n.a.
S 10	16 6	4s52	5 0	13 21	2 26	17 5	0 5	23 26	1 37	4 34	1 17	11 42	1 58	12 29	0 22	16 19	1 43	8 0	9 19	22 49	22 41	20 14			n.a.
S 11	16 23	9 52	4 41	12 57	2 40	17 28	0 3	23 20	1 36	4 29	1 17	11 45	1 58	12 30	0 22	16 19	1 43	8 1	9 19	22 51	22 42	20 13			n.a.
M12	16 40	14 18	4 7	12 34	2 54	17 51	0 1	23 13	1 35	4 25	1 17	11 47	1 58	12 31	0 22	16 18	1 43	8 1	9 19	22 52	22 42	20 12			n.a.
T 13	16 57	17 58	3 20	12 13	3 7	18 13	0n 2	23 6	1 34	4 21	1 18	11 50	1 58	12 32	0 22	16 18	1 43	8 2	9 19	22 53	22 42	20 11			n.a.
W14	17 13	20 41	2 24	11 53	3 18	18 35	0 4	23 0	1 33	4 17	1 18	11 52	1 58	12 34	0 22	16 17	1 43	8 2	9 18	22 53	22 43	20 10			n.a.
T 15	17 29	22 21	1 23	11 35	3 28	18 56	0 7	22 53	1 33	4 12	1 18	11 55	1 58	12 35	0 22	16 17	1 43	8 3	9 18	22 54	22 43	20 9			n.a.
F 16	17 45	22 56	0 18	11 20	3 37	19 17	0 9	22 46	1 32	4 8	1 18	11 58	1 58	12 36	0 22	16 17	1 43	8 3	9 18	22 54	22 44	20 8			n.a.
S 17	18 1	22 26	0s46	11 7	3 45	19 37	0 11	22 38	1 31	4 4	1 18	12 0	1 58	12 37	0 22	16 16	1 43	8 3	9 18	22 54	22 44	20 7			n.a.
S 18	18 16	20 55	1 48	10 56	3 51	19 57	0 14	22 31	1 30	4 0	1 18	12 3	1 58	12 38	0 22	16 16	1 43	8 4	9 18	22 54	22 44	20 5			n.a.
M19	18 31	18 30	2 45	10 48	3 56	20 16	0 16	22 23	1 29	3 56	1 19	12 5	1 58	12 39	0 22	16 15	1 43	8 4	9 18	22 53	22 45	20 4			n.a.
T 20	18 46	15 19	3 35	10 42	4 0	20 35	0 18	22 16	1 28	3 52	1 19	12 8	1 58	12 41	0 22	16 15	1 43	8 5	9 18	22 53	22 45	20 3			n.a.
W21	19 0	11 28	4 16	10 39	4 3	20 53	0 21	22 8	1 28	3 48	1 19	12 10	1 58	12 42	0 22	16 14	1 43	8 5	9 18	22 54	22 45	20 2			n.a.
T 22	19 14	7 6	4 47	10 38	4 4	21 11	0 23	22 0	1 27	3 44	1 19	12 13	1 58	12 43	0 22	16 14	1 43	8 5	9 18	22 54	22 46	20 1			n.a.
F 23	19 28	2 20	5 4	10 40	4 4	21 28	0 25	21 52	1 26	3 40	1 20	12 15	1 58	12 44	0 22	16 14	1 43	8 6	9 18	22 55	22 46	20 0			n.a.
S 24	19 42	2n39	5 7	10 45	4 3	21 44	0 28	21 44	1 25	3 36	1 20	12 18	1 58	12 45	0 22	16 13	1 42	8 6	9 18	22 55	22 47	19 59			n.a.
S 25	19 55	7 39	4 54	10 52	4 1	22 0	0 30	21 36	1 24	3 33	1 20	12 20	1 58	12 46	0 22	16 13	1 42	8 7	9 18	22 56	22 47	19 58			n.a.
M26	20 8	12 25	4 24	11 2	3 58	22 15	0 32	21 27	1 23	3 29	1 20	12 23	1 58	12 47	0 22	16 12	1 42	8 7	9 18	22 57	22 47	19 57			n.a.
T 27	20 20	16 40	3 39	11 14	3 54	22 29	0 35	21 19	1 23	3 25	1 20	12 25	1 58	12 48	0 22	16 12	1 42	8 7	9 18	22 58	22 48	19 56			n.a.
W28	20 33	20 3	2 39	11 29	3 49	22 43	0 37	21 10	1 22	3 21	1 21	12 28	1 58	12 50	0 22	16 11	1 42	8 8	9 18	22 58	22 48	19 55			n.a.
T 29	20 44	22 15	1 28	11 45	3 43	22 56	0 39	21 1	1 21	3 18	1 21	12 30	1 58	12 51	0 22	16 11	1 42	8 8	9 18	22 59	22 49	19 54			n.a.
F 30	20 56	23 0	0 11	12 4	3 36	23 9	0 41	20 52	1 20	3 14	1 21	12 32	1 58	12 52	0 22	16 11	1 42	8 8	9 18	22 59	22 49	19 53			n.a.
S 31	21n 7	22n13	1n 7	12n25	3s28	23n21	0n43	20n43	1n19	3s11	1s21	12n35	1s58	12n53	0s22	16s10	1n42	8n 9	9s18	22n59	22n49	19s52			n.a.

Julian Day Number = 1602106.5, Delta T = 03h58m31s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'55, Lahiri = - 8°27'55 Julian Calendar 1 May 327 BCE == Greg. Calendar 26 Apr. 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

JUNE 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 18 5	4♊28'40	10♌47	13♉ 8	14♊11	4♌51	25♓19	8♉25	4♉41	19°R26	16♉52	14♋ 6	15♋27	10♒53	n.a.	S 1
M 2	16 22 2	5°25'46	25° 3	14° 1	15°25	5°25	25°28	8°32	4°44	19♏25	16°53	14° 8	15°24	11° 0	n.a.	M 2
T 3	16 25 58	6°22'52	9♍10	14°59	16°39	6° 1	25°37	8°40	4°47	19°23	16°54	14°R 8	15°20	11° 6	n.a.	T 3
W 4	16 29 55	7°19'58	23° 9	16° 1	17°52	6°36	25°46	8°47	4°50	19°21	16°56	14° 7	15°17	11°13	n.a.	W 4
T 5	16 33 52	8°17'04	6♎57	17° 7	19° 6	7°11	25°54	8°54	4°53	19°20	16°57	14° 4	15°14	11°20	n.a.	T 5
F 6	16 37 48	9°14'10	20°34	18°18	20°20	7°46	26° 3	9° 1	4°56	19°18	16°58	14° 0	15°11	11°26	n.a.	F 6
S 7	16 41 45	10°11'15	3♏58	19°33	21°33	8°22	26°11	9° 8	4°59	19°17	17° 0	13°55	15° 8	11°33	n.a.	S 7
S 8	16 45 41	11° 8'21	17° 9	20°51	22°47	8°57	26°19	9°16	5° 2	19°15	17° 1	13°50	15° 5	11°39	n.a.	S 8
M 9	16 49 38	12° 5'27	0♐ 6	22°14	24° 1	9°33	26°27	9°23	5° 5	19°14	17° 2	13°45	15° 1	11°46	n.a.	M 9
T 10	16 53 34	13° 2'33	12°48	23°41	25°14	10° 8	26°35	9°30	5° 8	19°13	17° 4	13°41	14°58	11°53	n.a.	T 10
W11	16 57 31	13°59'40	25°16	25°12	26°28	10°44	26°43	9°37	5°11	19°11	17° 5	13°38	14°55	11°59	n.a.	W11
T 12	17 1 27	14°56'47	7♑32	26°46	27°42	11°20	26°51	9°44	5°14	19°10	17° 6	13°37	14°52	12° 6	n.a.	T 12
F 13	17 5 24	15°53'55	19°35	28°24	28°55	11°56	26°58	9°51	5°17	19° 8	17° 7	13°D37	14°49	12°13	n.a.	F 13
S 14	17 9 21	16°51'03	1♒31	0♊ 6	0♋ 9	12°32	27° 5	9°58	5°20	19° 7	17° 9	13°38	14°45	12°19	n.a.	S 14
S 15	17 13 17	17°48'12	13°21	1°51	1°23	13° 8	27°13	10° 4	5°23	19° 6	17°10	13°39	14°42	12°26	n.a.	S 15
M16	17 17 14	18°45'21	25°10	3°40	2°36	13°44	27°20	10°11	5°25	19° 4	17°11	13°41	14°39	12°33	n.a.	M16
T 17	17 21 10	19°42'32	7♓ 3	5°31	3°50	14°20	27°27	10°18	5°28	19° 3	17°12	13°42	14°36	12°39	n.a.	T 17
W18	17 25 7	20°39'43	19° 3	7°25	5° 4	14°56	27°33	10°25	5°31	19° 2	17°13	13°R43	14°33	12°46	n.a.	W18
T 19	17 29 3	21°36'55	1♈16	9°22	6°17	15°33	27°40	10°31	5°34	19° 0	17°15	13°43	14°30	12°53	n.a.	T 19
F 20	17 33 0	22°34'07	13°47	11°21	7°31	16° 9	27°46	10°38	5°36	18°59	17°16	13°41	14°26	12°59	n.a.	F 20
S 21	17 36 56	23°31'21	26°38	13°22	8°44	16°46	27°52	10°44	5°39	18°58	17°17	13°39	14°23	13° 6	n.a.	S 21
S 22	17 40 53	24°28'36	9♉54	15°25	9°58	17°22	27°59	10°51	5°41	18°56	17°18	13°37	14°20	13°13	n.a.	S 22
M23	17 44 50	25°25'52	23°34	17°30	11°12	17°59	28° 5	10°57	5°44	18°55	17°19	13°34	14°17	13°19	n.a.	M23
T 24	17 48 46	26°23'09	7♊37	19°35	12°25	18°36	28°10	11° 4	5°46	18°54	17°20	13°32	14°14	13°26	n.a.	T 24
W25	17 52 43	27°20'26	22° 2	21°41	13°39	19°13	28°16	11°10	5°49	18°53	17°22	13°31	14°11	13°33	n.a.	W25
T 26	17 56 39	28°17'45	6♋41	23°47	14°53	19°49	28°21	11°16	5°51	18°52	17°23	13°D30	14° 7	13°39	n.a.	T 26
F 27	18 0 36	29°15'05	21°28	25°54	16° 6	20°26	28°27	11°23	5°54	18°50	17°24	13°30	14° 4	13°46	n.a.	F 27
S 28	18 4 32	0♋12'25	6♌17	28° 0	17°20	21° 4	28°32	11°29	5°56	18°49	17°25	13°30	14° 1	13°53	n.a.	S 28
S 29	18 8 29	1° 9'46	21° 1	0♋ 6	18°34	21°41	28°37	11°35	5°59	18°48	17°26	13°31	13°58	13°59	n.a.	S 29
M30	18 12 26	2♋ 7'07	5♍33	2♋12	19♋47	22♌18	28♓41	11♉41	6♉ 1	18♏47	17♉27	13♋32	13♋55	14♒ 6	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n18	19n59	2n20	12n47	3s20	23n32	0n45	20n34	1n19	3s 7	1s21	12n37	1s58	12n54	0s22	16s10	1n42	8n 9	9s18	22n59	22n50	19s51		n.a.
M 2	21 28	16 32	3 24	13 12	3 11	23 43	0 48	20 24	1 18	3 4	1 22	12 40	1 58	12 55	0 22	16 9	1 42	8 10	9 18	22 58	22 50	19 50		n.a.
T 3	21 38	12 10	4 16	13 38	3 2	23 53	0 50	20 15	1 17	3 1	1 22	12 42	1 58	12 56	0 22	16 9	1 42	8 10	9 18	22 58	22 50	19 48		n.a.
W 4	21 48	7 12	4 51	14 6	2 52	24 2	0 52	20 5	1 16	2 57	1 22	12 44	1 58	12 57	0 22	16 9	1 42	8 10	9 18	22 59	22 51	19 47		n.a.
T 5	21 57	1 56	5 9	14 35	2 41	24 10	0 54	19 55	1 15	2 54	1 22	12 46	1 58	12 58	0 22	16 8	1 42	8 11	9 18	22 59	22 51	19 46		n.a.
F 6	22 6	3s21	5 9	15 5	2 30	24 18	0 56	19 45	1 15	2 51	1 23	12 49	1 58	12 59	0 22	16 8	1 42	8 11	9 18	22 59	22 51	19 45		n.a.
S 7	22 15	8 24	4 53	15 36	2 19	24 25	0 57	19 35	1 14	2 48	1 23	12 51	1 58	13 0	0 22	16 7	1 42	8 11	9 18	23 0	22 52	19 44		n.a.
S 8	22 23	13 0	4 21	16 9	2 7	24 31	0 59	19 25	1 13	2 45	1 23	12 53	1 58	13 1	0 22	16 7	1 42	8 12	9 18	23 0	22 52	19 43		n.a.
M 9	22 31	16 54	3 36	16 42	1 55	24 37	1 1	19 15	1 12	2 42	1 23	12 55	1 59	13 2	0 22	16 7	1 42	8 12	9 19	23 1	22 53	19 42		n.a.
T 10	22 39	19 57	2 41	17 16	1 43	24 42	1 3	19 4	1 11	2 39	1 24	12 58	1 59	13 3	0 22	16 6	1 42	8 12	9 19	23 1	22 53	19 41		n.a.
W11	22 46	22 0	1 39	17 50	1 30	24 46	1 5	18 53	1 11	2 36	1 24	13 0	1 59	13 4	0 22	16 6	1 42	8 12	9 19	23 2	22 53	19 39		n.a.
T 12	22 52	22 58	0 33	18 25	1 18	24 49	1 6	18 43	1 10	2 33	1 24	13 2	1 59	13 5	0 22	16 6	1 42	8 13	9 19	23 2	22 54	19 38		n.a.
F 13	22 59	22 49	0s33	19 0	1 5	24 52	1 8	18 32	1 9	2 30	1 24	13 4	1 59	13 6	0 22	16 5	1 42	8 13	9 19	23 2	22 54	19 37		n.a.
S 14	23 5	21 38	1 37	19 34	0 52	24 54	1 10	18 21	1 8	2 28	1 25	13 6	1 59	13 7	0 22	16 5	1 42	8 13	9 19	23 2	22 54	19 36		n.a.
S 15	23 10	19 31	2 36	20 8	0 40	24 55	1 11	18 10	1 8	2 25	1 25	13 8	1 59	13 8	0 22	16 5	1 42	8 14	9 19	23 1	22 55	19 35		n.a.
M16	23 15	16 34	3 29	20 42	0 27	24 55	1 13	17 58	1 7	2 22	1 25	13 10	1 59	13 9	0 22	16 4	1 42	8 14	9 19	23 1	22 55	19 34		n.a.
T 17	23 20	12 56	4 13	21 14	0 15	24 55	1 14	17 47	1 6	2 20	1 25	13 12	1 59	13 10	0 22	16 4	1 42	8 14	9 19	23 1	22 55	19 32		n.a.
W18	23 24	8 46	4 47	21 46	0 3	24 54	1 16	17 36	1 5	2 17	1 26	13 14	1 59	13 11	0 22	16 4	1 42	8 14	9 19	23 1	22 56	19 31		n.a.
T 19	23 28	4 11	5 8	22 16	0n 8	24 52	1 17	17 24	1 5	2 15	1 26	13 16	1 59	13 12	0 22	16 3	1 42	8 15	9 19	23 1	22 56	19 30		n.a.
F 20	23 31	0n40	5 15	22 44	0 19	24 49	1 18	17 12	1 4	2 13	1 26	13 18	1 59	13 12	0 22	16 3	1 42	8 15	9 19	23 1	22 56	19 29		n.a.
S 21	23 34	5 38	5 7	23 11	0 30	24 46	1 20	17 0	1 3	2 10	1 26	13 20	1 59	13 13	0 22	16 3	1 42	8 15	9 19	23 1	22 57	19 28		n.a.
S 22	23 37	10 29	4 43	23 35	0 40	24 42	1 21	16 48	1 2	2 8	1 27	13 22	1 59	13 14	0 22	16 2	1 42	8 15	9 19	23 2	22 57	19 26		n.a.
M23	23 39	14 59	4 2	23 58	0 50	24 37	1 22	16 36	1 1	2 6	1 27	13 24	2 0	13 15	0 22	16 2	1 42	8 16	9 19	23 2	22 57	19 25		n.a.
T 24	23 41	18 48	3 6	24 18	0 59	24 31	1 23	16 24	1 1	2 4	1 27	13 26	2 0	13 16	0 22	16 2	1 42	8 16	9 19	23 2	22 58	19 24		n.a.
W25	23 42	21 34	1 56	24 35	1 7	24 25	1 24	16 12	1 0	2 2	1 28	13 28	2 0	13 17	0 22	16 1	1 42	8 16	9 20	23 2	22 58	19 23		n.a.
T 26	23 43	22 56	0 38	24 49	1 14	24 18	1 25	15 59	0 59	2 0	1 28	13 30	2 0	13 18	0 22	16 1	1 42	8 16	9 20	23 2	22 58	19 22		n.a.
F 27	23 44	22 43	0n44	25 1	1 21	24 10	1 26	15 46	0 58	1 58	1 28	13 32	2 0	13 18	0 22	16 1	1 41	8 17	9 20	23 2	22 59	19 20		n.a.
S 28	23 44	20 55	2 3	25 10	1 27	24 2	1 27	15 34	0 58	1 56	1 28	13 34	2 0	13 19	0 22	16 1	1 41	8 17	9 20	23 2	22 59	19 19		n.a.
S 29	23 44	17 43	3 13	25 16	1 32	23 53	1 28	15 21	0 57	1 55	1 29	13 35	2 0	13 20	0 22	16 0	1 41	8 17	9 20	23 2	23 0	19 18		n.a.
M30	23n43	13n27	4n10	25n20	1n37	23n43	1n28	15n 8	0n56	1s53	1s29	13n37	2s 0	13n21	0s22	16s 0	1n41	8n17	9s20	23n 2	23n 0	19s17		n.a.

Julian Day Number = 1602137.5, Delta T = 03h58m30s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'51, Lahiri = - 8°27'51 Julian Calendar 1 June 327 BCE == Greg. Calendar 27 May 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

JULY 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 16 22	3♋ 4'30	19♍50	4♋16	21♋ 1	22♌55	28♓46	11♉47	6♉ 3	18°R46	17♉28	13♋33	13♋51	14♒13	n.a.	T 1
W 2	18 20 19	4° 1'52	3♎49	6°20	22°15	23°33	28°50	11°53	6° 5	18♏45	17°29	13°R33	13°48	14°19	n.a.	W 2
T 3	18 24 15	4°59'16	17°30	8°23	23°28	24°10	28°55	11°58	6° 7	18°44	17°30	13°33	13°45	14°26	n.a.	T 3
F 4	18 28 12	5°56'41	0♏53	10°24	24°42	24°48	28°59	12° 4	6°10	18°43	17°31	13°32	13°42	14°33	n.a.	F 4
S 5	18 32 8	6°54'06	14° 0	12°24	25°56	25°25	29° 3	12°10	6°12	18°42	17°32	13°32	13°39	14°39	n.a.	S 5
S 6	18 36 5	7°51'32	26°50	14°23	27° 9	26° 3	29° 6	12°16	6°14	18°41	17°33	13°31	13°36	14°46	n.a.	S 6
M 7	18 40 1	8°49'00	9♐26	16°21	28°23	26°41	29°10	12°21	6°16	18°40	17°34	13°30	13°32	14°53	n.a.	M 7
T 8	18 43 58	9°46'28	21°50	18°17	29°36	27°19	29°13	12°27	6°18	18°39	17°35	13°30	13°29	14°59	n.a.	T 8
W 9	18 47 55	10°43'58	4♑ 3	20°11	0♌50	27°57	29°16	12°32	6°20	18°39	17°36	13°30	13°26	15° 6	n.a.	W 9
T 10	18 51 51	11°41'29	16° 7	22° 4	2° 4	28°35	29°19	12°37	6°22	18°38	17°37	13°D30	13°23	15°13	n.a.	T 10
F 11	18 55 48	12°39'01	28° 4	23°55	3°17	29°13	29°22	12°43	6°24	18°37	17°38	13°30	13°20	15°19	n.a.	F 11
S 12	18 59 44	13°36'34	9♒56	25°45	4°31	29°51	29°25	12°48	6°25	18°36	17°38	13°R30	13°17	15°26	n.a.	S 12
S 13	19 3 41	14°34'09	21°45	27°34	5°44	0♍29	29°27	12°53	6°27	18°36	17°39	13°30	13°13	15°33	n.a.	S 13
M14	19 7 37	15°31'46	3♓34	29°21	6°58	1° 7	29°29	12°58	6°29	18°35	17°40	13°29	13°10	15°39	n.a.	M14
T 15	19 11 34	16°29'23	15°27	1♌ 7	8°11	1°46	29°31	13° 3	6°31	18°34	17°41	13°29	13° 7	15°46	n.a.	T 15
W16	19 15 30	17°27'03	27°27	2°51	9°25	2°24	29°33	13° 8	6°32	18°33	17°42	13°29	13° 4	15°53	n.a.	W16
T 17	19 19 27	18°24'44	9♈39	4°33	10°38	3° 2	29°35	13°12	6°34	18°33	17°43	13°29	13° 1	15°59	n.a.	T 17
F 18	19 23 24	19°22'27	22° 7	6°15	11°52	3°41	29°36	13°17	6°35	18°32	17°43	13°D29	12°57	16° 6	n.a.	F 18
S 19	19 27 20	20°20'12	4♉55	7°54	13° 6	4°20	29°38	13°22	6°37	18°32	17°44	13°29	12°54	16°13	n.a.	S 19
S 20	19 31 17	21°17'59	18° 6	9°33	14°19	4°58	29°39	13°26	6°38	18°31	17°45	13°29	12°51	16°19	n.a.	S 20
M21	19 35 13	22°15'47	1♊43	11°10	15°33	5°37	29°40	13°31	6°40	18°31	17°45	13°30	12°48	16°26	n.a.	M21
T 22	19 39 10	23°13'38	15°46	12°45	16°46	6°16	29°40	13°35	6°41	18°30	17°46	13°31	12°45	16°33	n.a.	T 22
W23	19 43 6	24°11'30	0♋15	14°19	18° 0	6°55	29°41	13°40	6°42	18°30	17°47	13°31	12°42	16°39	n.a.	W23
T 24	19 47 3	25° 9'24	15° 4	15°52	19°13	7°34	29°41	13°44	6°44	18°29	17°47	13°R32	12°38	16°46	n.a.	T 24
F 25	19 50 59	26° 7'20	0♌ 7	17°24	20°27	8°13	29°R41	13°48	6°45	18°29	17°48	13°31	12°35	16°53	n.a.	F 25
S 26	19 54 56	27° 5'17	15°15	18°54	21°40	8°52	29°41	13°52	6°46	18°29	17°49	13°30	12°32	16°59	n.a.	S 26
S 27	19 58 53	28° 3'16	0♍20	20°22	22°54	9°31	29°40	13°56	6°47	18°28	17°49	13°29	12°29	17° 6	n.a.	S 27
M28	20 2 49	29° 1'16	15°11	21°49	24° 7	10°11	29°40	14° 0	6°48	18°28	17°50	13°27	12°26	17°13	n.a.	M28
T 29	20 6 46	29°59'18	29°44	23°15	25°20	10°50	29°39	14° 3	6°49	18°28	17°50	13°25	12°23	17°19	n.a.	T 29
W30	20 10 42	0♌57'21	13♎52	24°39	26°34	11°30	29°38	14° 7	6°50	18°28	17°51	13°24	12°19	17°26	n.a.	W30
T 31	20 14 39	1♌55'26	27♎36	26♌ 2	27♌47	12♍ 9	29♓37	14♉11	6♉51	18♏27	17♉51	13°D23	12♋16	17♒33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n42	8n31	4n50	25n20	1n40	23n32	1n29	14n55	0n55	1s51	1s29	13n39	2s 0	13n21	0s22	16s 0	1n41	8n17	9s20	23n 2	23n 0	19s15		n.a.	T 1
W 2	23 40	3 14	5 13	25 18	1 44	23 21	1 30	14 42	0 55	1 50	1 29	13 41	2 0	13 22	0 22	16 0	1 41	8 18	9 20	23 2	23 1	19 14		n.a.	W 2
T 3	23 38	2s 5	5 16	25 14	1 46	23 9	1 30	14 28	0 54	1 48	1 30	13 42	2 1	13 23	0 22	15 59	1 41	8 18	9 20	23 2	23 1	19 13		n.a.	T 3
F 4	23 36	7 12	5 3	25 6	1 47	22 56	1 31	14 15	0 53	1 47	1 30	13 44	2 1	13 24	0 22	15 59	1 41	8 18	9 20	23 2	23 1	19 12		n.a.	F 4
S 5	23 33	11 53	4 34	24 57	1 48	22 43	1 31	14 2	0 52	1 46	1 30	13 46	2 1	13 24	0 22	15 59	1 41	8 18	9 21	23 2	23 1	19 10		n.a.	S 5
S 6	23 30	15 57	3 51	24 45	1 49	22 29	1 31	13 48	0 52	1 45	1 31	13 47	2 1	13 25	0 22	15 59	1 41	8 18	9 21	23 2	23 2	19 9		n.a.	S 6
M 7	23 26	19 12	2 58	24 31	1 48	22 14	1 32	13 34	0 51	1 43	1 31	13 49	2 1	13 26	0 22	15 59	1 41	8 18	9 21	23 2	23 2	19 8		n.a.	M 7
T 8	23 22	21 32	1 57	24 15	1 48	21 59	1 32	13 20	0 50	1 42	1 31	13 50	2 1	13 26	0 22	15 58	1 41	8 18	9 21	23 2	23 2	19 7		n.a.	T 8
W 9	23 18	22 48	0 52	23 57	1 46	21 43	1 32	13 6	0 49	1 41	1 32	13 52	2 1	13 27	0 22	15 58	1 41	8 19	9 21	23 2	23 3	19 5		n.a.	W 9
T 10	23 13	22 59	0s15	23 37	1 44	21 26	1 32	12 52	0 49	1 40	1 32	13 53	2 1	13 28	0 22	15 58	1 41	8 19	9 21	23 2	23 3	19 4		n.a.	T 10
F 11	23 7	22 7	1 20	23 15	1 41	21 9	1 32	12 38	0 48	1 40	1 32	13 55	2 2	13 28	0 22	15 58	1 41	8 19	9 21	23 2	23 3	19 3		n.a.	F 11
S 12	23 2	20 15	2 22	22 52	1 38	20 51	1 32	12 24	0 47	1 39	1 32	13 56	2 2	13 29	0 22	15 58	1 41	8 19	9 21	23 2	23 4	19 1		n.a.	S 12
S 13	22 56	17 32	3 17	22 27	1 35	20 33	1 32	12 10	0 46	1 38	1 33	13 58	2 2	13 29	0 22	15 58	1 41	8 19	9 22	23 2	23 4	19 0		n.a.	S 13
M14	22 49	14 6	4 4	22 1	1 31	20 14	1 31	11 55	0 46	1 37	1 33	13 59	2 2	13 30	0 22	15 57	1 41	8 19	9 22	23 2	23 4	18 59		n.a.	M14
T 15	22 42	10 6	4 40	21 34	1 27	19 54	1 31	11 41	0 45	1 37	1 33	14 1	2 2	13 30	0 22	15 57	1 41	8 19	9 22	23 2	23 5	18 57		n.a.	T 15
W16	22 35	5 41	5 5	21 6	1 22	19 34	1 31	11 26	0 44	1 36	1 34	14 2	2 2	13 31	0 22	15 57	1 40	8 19	9 22	23 3	23 5	18 56		n.a.	W16
T 17	22 27	0 58	5 17	20 36	1 17	19 14	1 30	11 11	0 43	1 36	1 34	14 3	2 2	13 32	0 22	15 57	1 40	8 19	9 22	23 3	23 5	18 55		n.a.	T 17
F 18	22 19	3n52	5 14	20 6	1 11	18 52	1 30	10 56	0 43	1 36	1 34	14 4	2 2	13 32	0 22	15 57	1 40	8 19	9 22	23 3	23 6	18 53		n.a.	F 18
S 19	22 10	8 41	4 56	19 34	1 6	18 31	1 29	10 42	0 42	1 35	1 34	14 6	2 3	13 33	0 22	15 57	1 40	8 20	9 22	23 3	23 6	18 52		n.a.	S 19
S 20	22 1	13 15	4 21	19 2	0 59	18 9	1 28	10 27	0 41	1 35	1 35	14 7	2 3	13 33	0 22	15 57	1 40	8 20	9 22	23 2	23 6	18 51		n.a.	S 20
M21	21 52	17 18	3 32	18 29	0 53	17 46	1 28	10 11	0 41	1 35	1 35	14 8	2 3	13 33	0 22	15 57	1 40	8 20	9 23	23 2	23 7	18 49		n.a.	M21
T 22	21 42	20 31	2 28	17 56	0 46	17 23	1 27	9 56	0 40	1 35	1 35	14 9	2 3	13 34	0 22	15 57	1 40	8 20	9 23	23 2	23 7	18 48		n.a.	T 22
W23	21 32	22 31	1 13	17 22	0 39	16 59	1 26	9 41	0 39	1 35	1 36	14 11	2 3	13 34	0 22	15 56	1 40	8 20	9 23	23 2	23 7	18 47		n.a.	W23
T 24	21 22	23 1	0n 9	16 47	0 32	16 35	1 25	9 26	0 38	1 36	1 36	14 12	2 3	13 35	0 22	15 56	1 40	8 20	9 23	23 2	23 7	18 45		n.a.	T 24
F 25	21 11	21 51	1 31	16 12	0 25	16 11	1 24	9 10	0 38	1 36	1 36	14 13	2 4	13 35	0 22	15 56	1 40	8 20	9 23	23 2	23 8	18 44		n.a.	F 25
S 26	21 0	19 7	2 47	15 37	0 17	15 46	1 23	8 55	0 37	1 36	1 37	14 14	2 4	13 36	0 22	15 56	1 40	8 20	9 23	23 2	23 8	18 43		n.a.	S 26
S 27	20 48	15 5	3 51	15 1	0 9	15 20	1 22	8 39	0 36	1 36	1 37	14 15	2 4	13 36	0 22	15 56	1 40	8 20	9 23	23 3	23 8	18 41		n.a.	S 27
M28	20 36	10 11	4 39	14 26	0 1	14 55	1 20	8 23	0 35	1 37	1 37	14 16	2 4	13 36	0 22	15 56	1 40	8 20	9 24	23 3	23 9	18 40		n.a.	M28
T 29	20 24	4 48	5 7	13 50	0s 7	14 28	1 19	8 8	0 35	1 38	1 37	14 17	2 4	13 37	0 22	15 56	1 40	8 20	9 24	23 3	23 9	18 38		n.a.	T 29
W30	20 12	0s41	5 16	13 14	0 15	14 2	1 18	7 52	0 34	1 38	1 38	14 18	2 4	13 37	0 22	15 56	1 40	8 20	9 24	23 3	23 9	18 37		n.a.	W30
T 31	19n59	5s59	5n 6	12n38	0s24	13n35	1n16	7n36	0n33	1s39	1s38	14n19	2s 4	13n37	0s22	15s56	1n40	8n20	9s24	23n 3	23n10	18s36		n.a.	T 31

Julian Day Number = 1602167.5, Delta T = 03h58m29s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'47, Lahiri = - 8°27'47 Julian Calendar 1 July 327 BCE == Greg. Calendar 26 June 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

AUGUST 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 18 35	2♌53'32	10♏55	27♌23	29♌ 1	12♍49	29°R36	14♉14	6♉52	18°R27	17♉52	13♋23	12♋13	17♒40	n.a.	F 1
S 2	20 22 32	3°51'40	23°52	28°43	0♍14	13°28	29♓34	14°17	6°53	18♏27	17°52	13°24	12°10	17°46	n.a.	S 2
S 3	20 26 28	4°49'49	6♐30	0♍ 1	1°27	14° 8	29°32	14°21	6°54	18°27	17°53	13°25	12° 7	17°53	n.a.	S 3
M 4	20 30 25	5°48'00	18°53	1°17	2°41	14°48	29°31	14°24	6°54	18°27	17°53	13°27	12° 3	18° 0	n.a.	M 4
T 5	20 34 22	6°46'13	1♑ 3	2°32	3°54	15°28	29°28	14°27	6°55	18°D27	17°54	13°28	12° 0	18° 6	n.a.	T 5
W 6	20 38 18	7°44'27	13° 4	3°45	5° 7	16° 8	29°26	14°30	6°56	18°27	17°54	13°R29	11°57	18°13	n.a.	W 6
T 7	20 42 15	8°42'43	24°59	4°56	6°21	16°48	29°24	14°33	6°56	18°27	17°54	13°28	11°54	18°20	n.a.	T 7
F 8	20 46 11	9°41'01	6♒50	6° 5	7°34	17°28	29°21	14°36	6°57	18°27	17°55	13°26	11°51	18°26	n.a.	F 8
S 9	20 50 8	10°39'21	18°39	7°12	8°47	18° 8	29°18	14°38	6°57	18°27	17°55	13°23	11°48	18°33	n.a.	S 9
S 10	20 54 4	11°37'43	0♓29	8°17	10° 0	18°48	29°15	14°41	6°58	18°27	17°55	13°19	11°44	18°40	n.a.	S 10
M11	20 58 1	12°36'07	12°21	9°19	11°14	19°28	29°12	14°43	6°58	18°27	17°56	13°14	11°41	18°46	n.a.	M11
T 12	21 1 57	13°34'33	24°18	10°19	12°27	20° 9	29° 8	14°46	6°58	18°28	17°56	13° 9	11°38	18°53	n.a.	T 12
W13	21 5 54	14°33'01	6♈22	11°17	13°40	20°49	29° 4	14°48	6°59	18°28	17°56	13° 4	11°35	19° 0	n.a.	W13
T 14	21 9 50	15°31'32	18°35	12°11	14°53	21°29	29° 1	14°50	6°59	18°28	17°56	13° 0	11°32	19° 6	n.a.	T 14
F 15	21 13 47	16°30'04	1♉ 3	13° 3	16° 6	22°10	28°56	14°52	6°59	18°28	17°57	12°57	11°29	19°13	n.a.	F 15
S 16	21 17 44	17°28'39	13°46	13°52	17°19	22°51	28°52	14°54	6°59	18°29	17°57	12°D56	11°25	19°20	n.a.	S 16
S 17	21 21 40	18°27'17	26°51	14°37	18°33	23°31	28°48	14°56	6°59	18°29	17°57	12°56	11°22	19°26	n.a.	S 17
M18	21 25 37	19°25'56	10♊19	15°18	19°46	24°12	28°43	14°58	6°R59	18°29	17°57	12°57	11°19	19°33	n.a.	M18
T 19	21 29 33	20°24'39	24°13	15°56	20°59	24°53	28°39	14°59	6°59	18°30	17°57	12°59	11°16	19°40	n.a.	T 19
W20	21 33 30	21°23'23	8♋32	16°29	22°12	25°34	28°34	15° 1	6°59	18°30	17°57	13°R 0	11°13	19°46	n.a.	W20
T 21	21 37 26	22°22'10	23°17	16°57	23°25	26°15	28°29	15° 2	6°59	18°31	17°57	12°59	11° 9	19°53	n.a.	T 21
F 22	21 41 23	23°20'59	8♌20	17°21	24°38	26°56	28°23	15° 4	6°59	18°31	17°57	12°57	11° 6	20° 0	n.a.	F 22
S 23	21 45 19	24°19'50	23°34	17°39	25°51	27°37	28°18	15° 5	6°59	18°32	17°R57	12°53	11° 3	20° 6	n.a.	S 23
S 24	21 49 16	25°18'43	8♍49	17°51	27° 4	28°18	28°12	15° 6	6°58	18°33	17°57	12°48	11° 0	20°13	n.a.	S 24
M25	21 53 13	26°17'39	23°54	17°R58	28°17	28°59	28° 7	15° 7	6°58	18°33	17°57	12°41	10°57	20°20	n.a.	M25
T 26	21 57 9	27°16'36	8♎41	17°57	29°30	29°40	28° 1	15° 8	6°58	18°34	17°57	12°34	10°54	20°26	n.a.	T 26
W27	22 1 6	28°15'35	23° 1	17°50	0♎43	0♎22	27°55	15° 8	6°57	18°35	17°57	12°29	10°50	20°33	n.a.	W27
T 28	22 5 2	29°14'36	6♏53	17°36	1°55	1° 3	27°48	15° 9	6°57	18°35	17°57	12°24	10°47	20°40	n.a.	T 28
F 29	22 8 59	0♍13'39	20°17	17°14	3° 8	1°45	27°42	15°10	6°56	18°36	17°57	12°22	10°44	20°46	n.a.	F 29
S 30	22 12 55	1°12'44	3♐13	16°45	4°21	2°26	27°36	15°10	6°56	18°37	17°57	12°D22	10°41	20°53	n.a.	S 30
S 31	22 16 52	2♍11'51	15♐47	16♍ 8	5♎34	3♎ 8	27♓29	15♉10	6♉55	18♏38	17♉57	12♋22	10♋38	21♒ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n45	10s51	4n40	12n 1	0s32	13n 8	1n15	7n20	0n33	1s40	1s38	14n19	2s 5	13n37	0s22	15s56	1n40	8n20	9s24	23n 3	23n10	18s34		n.a.
S 2	19 32	15 5	4 1	11 26	0 41	12 40	1 13	7 4	0 32	1 41	1 38	14 20	2 5	13 38	0 22	15 56	1 39	8 20	9 24	23 3	23 10	18 33		n.a.
S 3	19 18	18 32	3 10	10 50	0 50	12 12	1 12	6 48	0 31	1 42	1 39	14 21	2 5	13 38	0 22	15 56	1 39	8 20	9 25	23 3	23 10	18 31		n.a.
M 4	19 3	21 5	2 12	10 14	0 59	11 44	1 10	6 31	0 30	1 43	1 39	14 22	2 5	13 38	0 22	15 56	1 39	8 20	9 25	23 3	23 11	18 30		n.a.
T 5	18 49	22 36	1 8	9 39	1 8	11 15	1 8	6 15	0 30	1 44	1 39	14 23	2 5	13 38	0 22	15 56	1 39	8 20	9 25	23 3	23 11	18 29		n.a.
W 6	18 34	23 3	0 2	9 4	1 17	10 46	1 6	5 59	0 29	1 45	1 40	14 23	2 5	13 39	0 22	15 57	1 39	8 20	9 25	23 3	23 11	18 27		n.a.
T 7	18 18	22 26	1s 3	8 30	1 26	10 17	1 4	5 42	0 28	1 46	1 40	14 24	2 6	13 39	0 22	15 57	1 39	8 20	9 25	23 3	23 12	18 26		n.a.
F 8	18 3	20 48	2 5	7 56	1 35	9 48	1 2	5 26	0 27	1 47	1 40	14 25	2 6	13 39	0 22	15 57	1 39	8 20	9 25	23 3	23 12	18 24		n.a.
S 9	17 47	18 17	3 1	7 22	1 44	9 18	1 0	5 10	0 27	1 49	1 40	14 25	2 6	13 39	0 22	15 57	1 39	8 19	9 26	23 3	23 12	18 23		n.a.
S 10	17 31	15 1	3 50	6 49	1 53	8 48	0 58	4 53	0 26	1 50	1 41	14 26	2 6	13 39	0 22	15 57	1 39	8 19	9 26	23 4	23 13	18 21		n.a.
M11	17 14	11 8	4 28	6 18	2 2	8 18	0 56	4 36	0 25	1 52	1 41	14 27	2 6	13 39	0 22	15 57	1 39	8 19	9 26	23 4	23 13	18 20		n.a.
T 12	16 57	6 48	4 56	5 46	2 11	7 48	0 54	4 20	0 25	1 54	1 41	14 27	2 6	13 39	0 22	15 57	1 39	8 19	9 26	23 5	23 13	18 18		n.a.
W13	16 40	2 11	5 10	5 16	2 20	7 18	0 52	4 3	0 24	1 55	1 41	14 28	2 7	13 40	0 22	15 57	1 39	8 19	9 26	23 5	23 13	18 17		n.a.
T 14	16 23	2n35	5 11	4 47	2 28	6 47	0 49	3 46	0 23	1 57	1 42	14 28	2 7	13 40	0 22	15 57	1 39	8 19	9 26	23 5	23 14	18 16		n.a.
F 15	16 5	7 21	4 57	4 20	2 37	6 16	0 47	3 29	0 22	1 59	1 42	14 28	2 7	13 40	0 22	15 57	1 39	8 19	9 27	23 6	23 14	18 14		n.a.
S 16	15 47	11 54	4 28	3 53	2 45	5 45	0 44	3 12	0 22	2 1	1 42	14 29	2 7	13 40	0 22	15 58	1 39	8 19	9 27	23 6	23 14	18 13		n.a.
S 17	15 29	16 2	3 45	3 28	2 53	5 14	0 42	2 55	0 21	2 3	1 42	14 29	2 7	13 40	0 22	15 58	1 39	8 19	9 27	23 6	23 14	18 11		n.a.
M18	15 10	19 29	2 49	3 5	3 1	4 42	0 39	2 38	0 20	2 5	1 43	14 30	2 8	13 40	0 22	15 58	1 38	8 19	9 27	23 6	23 15	18 10		n.a.
T 19	14 52	21 56	1 41	2 43	3 9	4 11	0 37	2 21	0 20	2 7	1 43	14 30	2 8	13 40	0 22	15 58	1 38	8 18	9 27	23 6	23 15	18 8		n.a.
W20	14 33	23 3	0 24	2 24	3 16	3 39	0 34	2 4	0 19	2 9	1 43	14 30	2 8	13 40	0 22	15 58	1 38	8 18	9 27	23 5	23 15	18 7		n.a.
T 21	14 14	22 37	0n56	2 7	3 23	3 8	0 32	1 47	0 18	2 11	1 43	14 30	2 8	13 40	0 22	15 59	1 38	8 18	9 28	23 5	23 16	18 5		n.a.
F 22	13 54	20 33	2 13	1 52	3 29	2 36	0 29	1 30	0 17	2 14	1 43	14 31	2 8	13 40	0 22	15 59	1 38	8 18	9 28	23 6	23 16	18 4		n.a.
S 23	13 34	17 0	3 22	1 40	3 34	2 4	0 26	1 13	0 17	2 16	1 44	14 31	2 8	13 39	0 22	15 59	1 38	8 18	9 28	23 6	23 16	18 2		n.a.
S 24	13 15	12 19	4 17	1 30	3 39	1 32	0 23	0 56	0 16	2 18	1 44	14 31	2 9	13 39	0 22	15 59	1 38	8 18	9 28	23 7	23 16	18 1		n.a.
M25	12 54	6 55	4 53	1 24	3 43	1 0	0 20	0 39	0 15	2 21	1 44	14 31	2 9	13 39	0 23	15 59	1 38	8 18	9 28	23 7	23 17	17 59		n.a.
T 26	12 34	1 14	5 8	1 21	3 46	0 28	0 18	0 21	0 15	2 23	1 44	14 31	2 9	13 39	0 23	16 0	1 38	8 17	9 28	23 8	23 17	17 57		n.a.
W27	12 13	4s22	5 4	1 22	3 48	0s 4	0 15	0 4	0 14	2 26	1 44	14 31	2 9	13 39	0 23	16 0	1 38	8 17	9 29	23 8	23 17	17 56		n.a.
T 28	11 53	9 33	4 41	1 27	3 49	0 36	0 12	0s13	0 13	2 29	1 45	14 31	2 9	13 39	0 23	16 0	1 38	8 17	9 29	23 9	23 17	17 54		n.a.
F 29	11 32	14 7	4 4	1 37	3 48	1 8	0 9	0 31	0 12	2 31	1 45	14 31	2 9	13 39	0 23	16 0	1 38	8 17	9 29	23 9	23 18	17 53		n.a.
S 30	11 11	17 52	3 15	1 50	3 46	1 40	0 6	0 48	0 12	2 34	1 45	14 31	2 10	13 38	0 23	16 1	1 38	8 17	9 29	23 9	23 18	17 51		n.a.
S 31	10n49	20s40	2n19	2n 8	3s42	2s12	0n 2	1s 5	0n11	2s37	1s45	14n31	2s10	13n38	0s23	16s 1	1n38	8n16	9s29	23n 9	23n18	17s50		n.a.

Julian Day Number = 1602198.5, Delta T = 03h58m28s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'43, Lahiri = - 8°27'42 Julian Calendar 1 Aug. 327 BCE == Greg. Calendar 27 July 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

SEPTEMBER 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 20 48	3♍10'59	28♐ 3	15°R23	6♎47	3♎50	27°R22	15♉10	6°R54	18♏38	17°R57	12♋24	10♋35	21♒ 6	n.a.	M 1
T 2	22 24 45	4°10'10	10♑ 6	14♍32	7°59	4°31	27♓16	15°R11	6♉53	18°39	17♉56	12°R24	10°31	21°13	n.a.	T 2
W 3	22 28 42	5° 9'22	22° 0	13°34	9°12	5°13	27° 9	15°11	6°53	18°40	17°56	12°24	10°28	21°20	n.a.	W 3
T 4	22 32 38	6° 8'37	3♒50	12°31	10°25	5°55	27° 2	15°10	6°52	18°41	17°56	12°21	10°25	21°26	n.a.	T 4
F 5	22 36 35	7° 7'53	15°39	11°24	11°37	6°37	26°54	15°10	6°51	18°42	17°56	12°16	10°22	21°33	n.a.	F 5
S 6	22 40 31	8° 7'11	27°29	10°14	12°50	7°19	26°47	15°10	6°50	18°43	17°55	12° 9	10°19	21°40	n.a.	S 6
S 7	22 44 28	9° 6'32	9♓22	9° 3	14° 3	8° 1	26°40	15° 9	6°49	18°44	17°55	12° 0	10°15	21°47	n.a.	S 7
M 8	22 48 24	10° 5'54	21°21	7°53	15°15	8°43	26°32	15° 9	6°48	18°45	17°55	11°49	10°12	21°53	n.a.	M 8
T 9	22 52 21	11° 5'19	3♈26	6°46	16°28	9°26	26°25	15° 8	6°47	18°46	17°54	11°37	10° 9	22° 0	n.a.	T 9
W10	22 56 17	12° 4'46	15°39	5°45	17°40	10° 8	26°17	15° 7	6°46	18°48	17°54	11°26	10° 6	22° 7	n.a.	W10
T 11	23 0 14	13° 4'16	28° 1	4°50	18°53	10°50	26° 9	15° 6	6°45	18°49	17°54	11°17	10° 3	22°13	n.a.	T 11
F 12	23 4 10	14° 3'47	10♉34	4° 3	20° 5	11°33	26° 2	15° 5	6°43	18°50	17°53	11° 9	10° 0	22°20	n.a.	F 12
S 13	23 8 7	15° 3'22	23°21	3°25	21°17	12°15	25°54	15° 4	6°42	18°51	17°53	11° 5	9°56	22°27	n.a.	S 13
S 14	23 12 4	16° 2'58	6♊23	2°59	22°30	12°58	25°46	15° 3	6°41	18°52	17°52	11° 3	9°53	22°33	n.a.	S 14
M15	23 16 0	17° 2'37	19°44	2°43	23°42	13°40	25°38	15° 1	6°39	18°54	17°52	11°D 2	9°50	22°40	n.a.	M15
T 16	23 19 57	18° 2'19	3♋26	2°D38	24°54	14°23	25°30	15° 0	6°38	18°55	17°51	11°R 3	9°47	22°47	n.a.	T 16
W17	23 23 53	19° 2'03	17°32	2°44	26° 7	15° 6	25°22	14°58	6°37	18°56	17°51	11° 3	9°44	22°53	n.a.	W17
T 18	23 27 50	20° 1'49	2♌ 0	3° 1	27°19	15°49	25°14	14°57	6°35	18°58	17°50	11° 1	9°40	23° 0	n.a.	T 18
F 19	23 31 46	21° 1'37	16°48	3°28	28°31	16°31	25° 6	14°55	6°34	18°59	17°50	10°57	9°37	23° 7	n.a.	F 19
S 20	23 35 43	22° 1'28	1♍51	4° 4	29°43	17°14	24°58	14°53	6°32	19° 0	17°49	10°50	9°34	23°13	n.a.	S 20
S 21	23 39 39	23° 1'21	16°59	4°50	0♏55	17°57	24°50	14°51	6°30	19° 2	17°49	10°41	9°31	23°20	n.a.	S 21
M22	23 43 36	24° 1'16	2♎ 3	5°43	2° 7	18°40	24°41	14°49	6°29	19° 3	17°48	10°30	9°28	23°27	n.a.	M22
T 23	23 47 32	25° 1'13	16°53	6°43	3°19	19°24	24°33	14°46	6°27	19° 5	17°47	10°19	9°25	23°33	n.a.	T 23
W24	23 51 29	26° 1'12	1♏20	7°50	4°31	20° 7	24°25	14°44	6°25	19° 6	17°47	10° 9	9°21	23°40	n.a.	W24
T 25	23 55 26	27° 1'13	15°19	9° 1	5°43	20°50	24°17	14°42	6°24	19° 8	17°46	10° 0	9°18	23°47	n.a.	T 25
F 26	23 59 22	28° 1'15	28°48	10°18	6°55	21°33	24° 9	14°39	6°22	19° 9	17°45	9°55	9°15	23°53	n.a.	F 26
S 27	0 3 19	29° 1'20	11♐49	11°39	8° 7	22°17	24° 1	14°37	6°20	19°11	17°45	9°52	9°12	24° 0	n.a.	S 27
S 28	0 7 15	0♎ 1'26	24°26	13° 3	9°19	23° 0	23°53	14°34	6°18	19°13	17°44	9°51	9° 9	24° 7	n.a.	S 28
M29	0 11 12	1° 1'34	6♑42	14°30	10°30	23°44	23°45	14°31	6°16	19°14	17°43	9°51	9° 6	24°14	n.a.	M29
T 30	0 15 8	2♎ 1'43	18♑44	15♍59	11♏42	24♎27	23♓37	14♉28	6♉14	19♏16	17♉42	9♋51	9♋ 2	24♒20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n28	22s27	1n17	2n30	3s36	2s44	0s 1	1s23	0n10	2s40	1s45	14n31	2s10	13n38	0s23	16s 1	1n38	8n16	9s29	23n 9	23n18	17s48		n.a.
T 2	10 6	23 8	0 12	2 57	3 29	3 16	0 4	1 40	0 10	2 43	1 45	14 31	2 10	13 38	0 23	16 2	1 38	8 16	9 29	23 9	23 19	17 47		n.a.
W 3	9 44	22 45	0s51	3 29	3 19	3 48	0 7	1 58	0 9	2 45	1 45	14 31	2 10	13 37	0 23	16 2	1 38	8 16	9 30	23 9	23 19	17 45		n.a.
T 4	9 22	21 21	1 53	4 3	3 8	4 20	0 10	2 15	0 8	2 48	1 46	14 30	2 11	13 37	0 23	16 2	1 37	8 16	9 30	23 9	23 19	17 44		n.a.
F 5	9 0	19 1	2 49	4 42	2 54	4 51	0 13	2 33	0 8	2 51	1 46	14 30	2 11	13 37	0 23	16 3	1 37	8 15	9 30	23 10	23 19	17 42		n.a.
S 6	8 38	15 53	3 37	5 22	2 39	5 23	0 17	2 50	0 7	2 54	1 46	14 30	2 11	13 36	0 23	16 3	1 37	8 15	9 30	23 10	23 20	17 40		n.a.
S 7	8 15	12 6	4 17	6 5	2 22	5 55	0 20	3 7	0 6	2 57	1 46	14 30	2 11	13 36	0 23	16 3	1 37	8 15	9 30	23 11	23 20	17 39		n.a.
M 8	7 52	7 49	4 45	6 48	2 4	6 26	0 23	3 25	0 5	3 1	1 46	14 29	2 11	13 36	0 23	16 4	1 37	8 15	9 30	23 12	23 20	17 37		n.a.
T 9	7 30	3 12	5 1	7 31	1 45	6 57	0 26	3 42	0 5	3 4	1 46	14 29	2 11	13 35	0 23	16 4	1 37	8 14	9 31	23 13	23 20	17 36		n.a.
W10	7 7	1n35	5 3	8 13	1 24	7 28	0 30	4 0	0 4	3 7	1 46	14 29	2 12	13 35	0 23	16 4	1 37	8 14	9 31	23 14	23 21	17 34		n.a.
T 11	6 44	6 22	4 51	8 52	1 4	7 59	0 33	4 17	0 3	3 10	1 46	14 28	2 12	13 35	0 23	16 5	1 37	8 14	9 31	23 15	23 21	17 32		n.a.
F 12	6 21	10 59	4 25	9 28	0 44	8 30	0 36	4 35	0 3	3 13	1 46	14 28	2 12	13 34	0 23	16 5	1 37	8 14	9 31	23 16	23 21	17 31		n.a.
S 13	5 57	15 12	3 46	10 0	0 24	9 1	0 40	4 52	0 2	3 16	1 46	14 27	2 12	13 34	0 23	16 5	1 37	8 13	9 31	23 16	23 21	17 29		n.a.
S 14	5 34	18 47	2 54	10 28	0 5	9 31	0 43	5 10	0 1	3 20	1 46	14 27	2 12	13 33	0 23	16 6	1 37	8 13	9 31	23 16	23 22	17 28		n.a.
M15	5 11	21 29	1 51	10 51	0n13	10 1	0 46	5 27	0 1	3 23	1 46	14 26	2 12	13 33	0 23	16 6	1 37	8 13	9 31	23 16	23 22	17 26		n.a.
T 16	4 47	23 1	0 40	11 8	0 30	10 31	0 49	5 44	0s 0	3 26	1 46	14 25	2 13	13 32	0 23	16 7	1 37	8 13	9 32	23 16	23 22	17 24		n.a.
W17	4 23	23 8	0n34	11 20	0 46	11 1	0 53	6 2	0 1	3 29	1 46	14 25	2 13	13 32	0 23	16 7	1 37	8 12	9 32	23 16	23 22	17 23		n.a.
T 18	4 0	21 44	1 49	11 27	1 0	11 31	0 56	6 19	0 1	3 33	1 46	14 24	2 13	13 31	0 23	16 7	1 37	8 12	9 32	23 16	23 23	17 21		n.a.
F 19	3 36	18 49	2 58	11 29	1 13	12 0	0 59	6 36	0 2	3 36	1 46	14 24	2 13	13 31	0 23	16 8	1 37	8 12	9 32	23 17	23 23	17 19		n.a.
S 20	3 12	14 36	3 55	11 26	1 24	12 29	1 3	6 54	0 3	3 39	1 46	14 23	2 13	13 30	0 23	16 8	1 37	8 12	9 32	23 17	23 23	17 18		n.a.
S 21	2 48	9 26	4 36	11 18	1 34	12 58	1 6	7 11	0 3	3 42	1 46	14 22	2 13	13 30	0 23	16 9	1 37	8 11	9 32	23 18	23 23	17 16		n.a.
M22	2 24	3 43	4 58	11 6	1 42	13 26	1 9	7 28	0 4	3 46	1 46	14 21	2 13	13 29	0 23	16 9	1 36	8 11	9 32	23 19	23 24	17 14		n.a.
T 23	2 0	2s 6	5 0	10 50	1 49	13 54	1 12	7 45	0 5	3 49	1 46	14 21	2 14	13 29	0 23	16 10	1 36	8 11	9 33	23 20	23 24	17 13		n.a.
W24	1 36	7 41	4 41	10 30	1 54	14 22	1 16	8 2	0 5	3 52	1 46	14 20	2 14	13 28	0 23	16 10	1 36	8 10	9 33	23 20	23 24	17 11		n.a.
T 25	1 12	12 42	4 7	10 7	1 58	14 50	1 19	8 20	0 6	3 55	1 46	14 19	2 14	13 28	0 23	16 11	1 36	8 10	9 33	23 21	23 24	17 9		n.a.
F 26	0 48	16 54	3 19	9 40	2 2	15 17	1 22	8 37	0 7	3 58	1 46	14 18	2 14	13 27	0 23	16 11	1 36	8 10	9 33	23 22	23 24	17 8		n.a.
S 27	0 24	20 8	2 23	9 11	2 4	15 44	1 25	8 54	0 8	4 2	1 46	14 17	2 14	13 26	0 23	16 12	1 36	8 9	9 33	23 22	23 25	17 6		n.a.
S 28	0s 1	22 16	1 21	8 39	2 5	16 10	1 28	9 11	0 8	4 5	1 46	14 16	2 14	13 26	0 23	16 12	1 36	8 9	9 33	23 22	23 25	17 4		n.a.
M29	0 25	23 17	0 17	8 6	2 5	16 36	1 31	9 27	0 9	4 8	1 46	14 15	2 14	13 25	0 23	16 13	1 36	8 9	9 33	23 22	23 25	17 3		n.a.
T 30	0s49	23s11	0s47	7n30	2n 4	17s 2	1s35	9s44	0s10	4s11	1s46	14n14	2s14	13n24	0s23	16s13	1n36	8n 9	9s33	23n22	23n25	17s 1		n.a.

Julian Day Number = 1602229.5, Delta T = 03h58m26s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'39, Lahiri = - 8°27'38 Julian Calendar 1 Sept. 327 BCE == Greg. Calendar 27 Aug. 327 BCE

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

OCTOBER 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 19 5	3♎ 1'54	0♒36	17♍30	12♏54	25♎11	23°R29	14°R25	6°R12	19♏18	17°R42	9°R49	8♋59	24♒27	n.a.	W 1
T 2	0 23 1	4° 2'07	12°25	19° 3	14° 5	25°55	23♓21	14♉22	6♉10	19°19	17♉41	9♋45	8°56	24°34	n.a.	T 2
F 3	0 26 58	5° 2'22	24°14	20°37	15°17	26°38	23°13	14°19	6° 8	19°21	17°40	9°39	8°53	24°40	n.a.	F 3
S 4	0 30 55	6° 2'38	6♓ 7	22°13	16°28	27°22	23° 5	14°16	6° 6	19°23	17°39	9°29	8°50	24°47	n.a.	S 4
S 5	0 34 51	7° 2'56	18° 6	23°49	17°40	28° 6	22°58	14°12	6° 4	19°25	17°38	9°17	8°46	24°54	n.a.	S 5
M 6	0 38 48	8° 3'15	0♈14	25°25	18°51	28°50	22°50	14° 9	6° 2	19°26	17°37	9° 3	8°43	25° 0	n.a.	M 6
T 7	0 42 44	9° 3'37	12°31	27° 2	20° 2	29°34	22°43	14° 5	6° 0	19°28	17°37	8°49	8°40	25° 7	n.a.	T 7
W 8	0 46 41	10° 4'00	24°59	28°39	21°13	0♏18	22°35	14° 2	5°58	19°30	17°36	8°35	8°37	25°14	n.a.	W 8
T 9	0 50 37	11° 4'25	7♉36	0♎17	22°24	1° 2	22°28	13°58	5°55	19°32	17°35	8°23	8°34	25°20	n.a.	T 9
F 10	0 54 34	12° 4'52	20°25	1°54	23°35	1°46	22°21	13°54	5°53	19°34	17°34	8°13	8°31	25°27	n.a.	F 10
S 11	0 58 30	13° 5'21	3♊23	3°32	24°46	2°30	22°14	13°50	5°51	19°36	17°33	8° 7	8°27	25°34	n.a.	S 11
S 12	1 2 27	14° 5'51	16°34	5° 9	25°57	3°15	22° 7	13°46	5°49	19°38	17°32	8° 3	8°24	25°40	n.a.	S 12
M13	1 6 24	15° 6'24	29°58	6°46	27° 8	3°59	22° 0	13°42	5°46	19°39	17°31	8° 2	8°21	25°47	n.a.	M13
T 14	1 10 20	16° 6'59	13♋37	8°23	28°19	4°43	21°53	13°38	5°44	19°41	17°30	8° 2	8°18	25°54	n.a.	T 14
W15	1 14 17	17° 7'36	27°32	10° 0	29°30	5°28	21°46	13°34	5°42	19°43	17°29	8° 1	8°15	26° 1	n.a.	W15
T 16	1 18 13	18° 8'15	11♌43	11°37	0♐40	6°12	21°40	13°30	5°39	19°45	17°28	8° 0	8°11	26° 7	n.a.	T 16
F 17	1 22 10	19° 8'55	26°11	13°14	1°51	6°57	21°33	13°26	5°37	19°47	17°27	7°56	8° 8	26°14	n.a.	F 17
S 18	1 26 6	20° 9'37	10♍50	14°50	3° 1	7°42	21°27	13°21	5°35	19°49	17°26	7°49	8° 5	26°21	n.a.	S 18
S 19	1 30 3	21°10'21	25°37	16°27	4°12	8°26	21°21	13°17	5°32	19°51	17°25	7°39	8° 2	26°27	n.a.	S 19
M20	1 33 59	22°11'07	10♎22	18° 2	5°22	9°11	21°15	13°13	5°30	19°53	17°24	7°28	7°59	26°34	n.a.	M20
T 21	1 37 56	23°11'54	24°57	19°38	6°32	9°56	21° 9	13° 8	5°27	19°56	17°23	7°16	7°56	26°41	n.a.	T 21
W22	1 41 53	24°12'42	9♏16	21°14	7°42	10°41	21° 4	13° 3	5°25	19°58	17°22	7° 5	7°52	26°47	n.a.	W22
T 23	1 45 49	25°13'32	23°12	22°49	8°52	11°25	20°58	12°59	5°22	20° 0	17°21	6°56	7°49	26°54	n.a.	T 23
F 24	1 49 46	26°14'23	6♐42	24°24	10° 2	12°10	20°53	12°54	5°20	20° 2	17°20	6°50	7°46	27° 1	n.a.	F 24
S 25	1 53 42	27°15'16	19°46	25°59	11°12	12°55	20°48	12°50	5°17	20° 4	17°19	6°46	7°43	27° 7	n.a.	S 25
S 26	1 57 39	28°16'09	2♑26	27°34	12°21	13°40	20°43	12°45	5°15	20° 6	17°18	6°D45	7°40	27°14	n.a.	S 26
M27	2 1 35	29°17'04	14°46	29° 9	13°31	14°26	20°38	12°40	5°12	20° 8	17°17	6°45	7°37	27°21	n.a.	M27
T 28	2 5 32	0♏17'59	26°50	0♏43	14°40	15°11	20°33	12°35	5°10	20°10	17°15	6°R45	7°33	27°27	n.a.	T 28
W29	2 9 28	1°18'56	8♒44	2°18	15°50	15°56	20°29	12°30	5° 7	20°12	17°14	6°45	7°30	27°34	n.a.	W29
T 30	2 13 25	2°19'53	20°34	3°52	16°59	16°41	20°25	12°26	5° 5	20°15	17°13	6°43	7°27	27°41	n.a.	T 30
F 31	2 17 22	3♏20'51	2♓24	5♏26	18♐ 8	17♏27	20♓21	12♉21	5♉ 2	20♏17	17♉12	6♋39	7♋24	27♒48	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	1s13	22s 1	1s48	6n53	2n 3	17s27	1s38	10s 1	0s10	4s14	1s46	14n13	2s15	13n24	0s23	16s14	1n36	8n 8	9s33	23n22	23n26	16s59			n.a.
T 2	1 37	19 54	2 43	6 14	2 1	17 52	1 41	10 18	0 11	4 17	1 46	14 12	2 15	13 23	0 23	16 14	1 36	8 8	9 34	23 22	23 26	16 58			n.a.
F 3	2 2	16 56	3 32	5 34	1 59	18 16	1 43	10 35	0 12	4 20	1 46	14 11	2 15	13 22	0 23	16 15	1 36	8 8	9 34	23 23	23 26	16 56			n.a.
S 4	2 26	13 16	4 11	4 54	1 56	18 40	1 46	10 51	0 12	4 23	1 46	14 10	2 15	13 22	0 23	16 15	1 36	8 7	9 34	23 23	23 26	16 54			n.a.
S 5	2 50	9 2	4 40	4 12	1 52	19 3	1 49	11 8	0 13	4 26	1 45	14 9	2 15	13 21	0 23	16 16	1 36	8 7	9 34	23 24	23 26	16 52			n.a.
M 6	3 14	4 25	4 56	3 30	1 48	19 26	1 52	11 24	0 14	4 29	1 45	14 8	2 15	13 20	0 23	16 16	1 36	8 7	9 34	23 25	23 27	16 51			n.a.
T 7	3 38	0n26	4 59	2 47	1 44	19 49	1 55	11 41	0 14	4 32	1 45	14 7	2 15	13 20	0 23	16 17	1 36	8 6	9 34	23 26	23 27	16 49			n.a.
W 8	4 2	5 20	4 48	2 3	1 39	20 11	1 58	11 57	0 15	4 35	1 45	14 6	2 15	13 19	0 23	16 17	1 36	8 6	9 34	23 27	23 27	16 47			n.a.
T 9	4 26	10 5	4 22	1 19	1 34	20 32	2 0	12 13	0 15	4 38	1 45	14 4	2 15	13 18	0 23	16 18	1 36	8 6	9 34	23 28	23 27	16 46			n.a.
F 10	4 50	14 29	3 43	0 35	1 29	20 53	2 3	12 29	0 16	4 40	1 45	14 3	2 15	13 17	0 23	16 18	1 36	8 5	9 34	23 29	23 27	16 44			n.a.
S 11	5 14	18 17	2 52	0s 9	1 23	21 13	2 5	12 45	0 17	4 43	1 44	14 2	2 15	13 17	0 23	16 19	1 36	8 5	9 34	23 29	23 28	16 42			n.a.
S 12	5 38	21 13	1 51	0 53	1 18	21 33	2 8	13 1	0 17	4 46	1 44	14 1	2 16	13 16	0 23	16 19	1 36	8 5	9 34	23 29	23 28	16 40			n.a.
M13	6 1	23 2	0 43	1 37	1 12	21 52	2 10	13 17	0 18	4 48	1 44	14 0	2 16	13 15	0 23	16 20	1 36	8 4	9 35	23 29	23 28	16 39			n.a.
T 14	6 25	23 31	0n30	2 22	1 6	22 11	2 13	13 33	0 19	4 51	1 44	13 58	2 16	13 14	0 23	16 21	1 36	8 4	9 35	23 29	23 28	16 37			n.a.
W15	6 48	22 34	1 41	3 6	0 59	22 29	2 15	13 48	0 19	4 53	1 44	13 57	2 16	13 13	0 23	16 21	1 35	8 4	9 35	23 29	23 28	16 35			n.a.
T 16	7 12	20 10	2 48	3 50	0 53	22 47	2 17	14 4	0 20	4 56	1 43	13 56	2 16	13 13	0 23	16 22	1 35	8 3	9 35	23 29	23 29	16 33			n.a.
F 17	7 35	16 28	3 45	4 34	0 47	23 4	2 19	14 19	0 21	4 58	1 43	13 54	2 16	13 12	0 23	16 22	1 35	8 3	9 35	23 30	23 29	16 32			n.a.
S 18	7 58	11 43	4 29	5 18	0 40	23 20	2 21	14 35	0 21	5 0	1 43	13 53	2 16	13 11	0 23	16 23	1 35	8 3	9 35	23 30	23 29	16 30			n.a.
S 19	8 22	6 16	4 54	6 1	0 34	23 36	2 23	14 50	0 22	5 3	1 43	13 52	2 16	13 10	0 23	16 23	1 35	8 2	9 35	23 31	23 29	16 28			n.a.
M20	8 45	0 27	5 1	6 45	0 27	23 51	2 25	15 5	0 22	5 5	1 43	13 50	2 16	13 9	0 23	16 24	1 35	8 2	9 35	23 31	23 29	16 26			n.a.
T 21	9 7	5s20	4 47	7 27	0 21	24 5	2 27	15 20	0 23	5 7	1 42	13 49	2 16	13 9	0 23	16 25	1 35	8 2	9 35	23 32	23 30	16 24			n.a.
W22	9 30	10 44	4 15	8 10	0 14	24 19	2 29	15 35	0 24	5 9	1 42	13 48	2 16	13 8	0 23	16 25	1 35	8 1	9 35	23 33	23 30	16 23			n.a.
T 23	9 53	15 26	3 29	8 52	0 7	24 32	2 31	15 50	0 24	5 11	1 42	13 46	2 16	13 7	0 23	16 26	1 35	8 1	9 35	23 33	23 30	16 21			n.a.
F 24	10 15	19 12	2 32	9 34	0 1	24 44	2 32	16 4	0 25	5 13	1 42	13 45	2 16	13 6	0 23	16 26	1 35	8 1	9 35	23 33	23 30	16 19			n.a.
S 25	10 37	21 51	1 29	10 15	0s 6	24 56	2 34	16 19	0 26	5 14	1 41	13 43	2 16	13 5	0 23	16 27	1 35	8 0	9 35	23 34	23 30	16 17			n.a.
S 26	10 59	23 20	0 23	10 56	0 12	25 7	2 35	16 33	0 26	5 16	1 41	13 42	2 16	13 4	0 23	16 28	1 35	8 0	9 35	23 34	23 31	16 15			n.a.
M27	11 21	23 37	0s43	11 36	0 19	25 17	2 36	16 47	0 27	5 18	1 41	13 40	2 16	13 4	0 23	16 28	1 35	8 0	9 35	23 34	23 31	16 14			n.a.
T 28	11 43	22 46	1 45	12 16	0 25	25 27	2 37	17 2	0 27	5 19	1 41	13 39	2 16	13 3	0 23	16 29	1 35	7 59	9 35	23 34	23 31	16 12			n.a.
W29	12 5	20 54	2 42	12 55	0 32	25 36	2 39	17 15	0 28	5 21	1 40	13 37	2 16	13 2	0 23	16 29	1 35	7 59	9 35	23 34	23 31	16 10			n.a.
T 30	12 26	18 9	3 31	13 33	0 38	25 44	2 40	17 29	0 29	5 22	1 40	13 36	2 16	13 1	0 23	16 30	1 35	7 59	9 35	23 34	23 31	16 8			n.a.
F 31	12s47	14s39	4s12	14s11	0s44	25s52	2s40	17s43	0s29	5s24	1s40	13n35	2s16	13n 0	0s23	16s31	1n35	7n58	9s35	23n34	23n32	16s 6			n.a.

Julian Day Number = 1602259.5, Delta T = 03h58m25s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'35, Lahiri = - 8°27'34 Julian Calendar 1 Oct. 327 BCE == Greg. Calendar 26 Sept. 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

NOVEMBER 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 21 18	4♏21'50	14♓19	7♏ 1	19♐17	18♏12	20°R17	12°R16	5°R 0	20♏19	17°R11	6°R32	7♋21	27♒54	n.a.	S 1
S 2	2 25 15	5°22'50	26°24	8°35	20°26	18°57	20♓13	12♉11	4♉57	20°21	17♉10	6♋23	7°17	28° 1	n.a.	S 2
M 3	2 29 11	6°23'51	8♈40	10° 9	21°34	19°43	20°10	12° 6	4°55	20°23	17° 9	6°12	7°14	28° 8	n.a.	M 3
T 4	2 33 8	7°24'52	21° 9	11°43	22°43	20°28	20° 6	12° 1	4°52	20°26	17° 8	6° 1	7°11	28°14	n.a.	T 4
W 5	2 37 4	8°25'55	3♉53	13°17	23°51	21°14	20° 3	11°56	4°50	20°28	17° 6	5°50	7° 8	28°21	n.a.	W 5
T 6	2 41 1	9°26'58	16°50	14°51	24°59	21°59	20° 0	11°51	4°47	20°30	17° 5	5°40	7° 5	28°28	n.a.	T 6
F 7	2 44 57	10°28'03	29°59	16°25	26° 7	22°45	19°58	11°46	4°44	20°32	17° 4	5°33	7° 2	28°34	n.a.	F 7
S 8	2 48 54	11°29'08	13♊21	17°59	27°15	23°31	19°55	11°41	4°42	20°35	17° 3	5°28	6°58	28°41	n.a.	S 8
S 9	2 52 51	12°30'15	26°52	19°33	28°23	24°16	19°53	11°36	4°39	20°37	17° 2	5°25	6°55	28°48	n.a.	S 9
M10	2 56 47	13°31'22	10♋33	21° 8	29°30	25° 2	19°51	11°31	4°37	20°39	17° 1	5°D25	6°52	28°54	n.a.	M10
T 11	3 0 44	14°32'31	24°22	22°42	0♌37	25°48	19°49	11°26	4°35	20°41	16°59	5°26	6°49	29° 1	n.a.	T 11
W12	3 4 40	15°33'40	8♌19	24°16	1°45	26°34	19°47	11°21	4°32	20°44	16°58	5°27	6°46	29° 8	n.a.	W12
T 13	3 8 37	16°34'51	22°24	25°50	2°51	27°20	19°46	11°16	4°30	20°46	16°57	5°R27	6°43	29°15	n.a.	T 13
F 14	3 12 33	17°36'02	6♍36	27°25	3°58	28° 6	19°45	11°11	4°27	20°48	16°56	5°26	6°39	29°21	n.a.	F 14
S 15	3 16 30	18°37'14	20°53	28°59	5° 5	28°52	19°43	11° 6	4°25	20°50	16°55	5°22	6°36	29°28	n.a.	S 15
S 16	3 20 26	19°38'28	5♎12	0♐33	6°11	29°38	19°43	11° 1	4°22	20°53	16°54	5°16	6°33	29°35	n.a.	S 16
M17	3 24 23	20°39'41	19°28	2° 7	7°17	0♐24	19°42	10°56	4°20	20°55	16°52	5° 9	6°30	29°41	n.a.	M17
T 18	3 28 20	21°40'56	3♏37	3°42	8°23	1°10	19°42	10°52	4°17	20°57	16°51	5° 1	6°27	29°48	n.a.	T 18
W19	3 32 16	22°42'11	17°33	5°16	9°28	1°56	19°41	10°47	4°15	20°59	16°50	4°54	6°23	29°55	n.a.	W19
T 20	3 36 13	23°43'27	1♐12	6°50	10°34	2°43	19°D41	10°42	4°13	21° 2	16°49	4°48	6°20	0♓ 1	n.a.	T 20
F 21	3 40 9	24°44'42	14°31	8°23	11°39	3°29	19°42	10°37	4°10	21° 4	16°48	4°44	6°17	0° 8	n.a.	F 21
S 22	3 44 6	25°45'59	27°30	9°57	12°43	4°15	19°42	10°32	4° 8	21° 6	16°47	4°42	6°14	0°15	n.a.	S 22
S 23	3 48 2	26°47'15	10♑ 8	11°30	13°48	5° 1	19°43	10°28	4° 6	21° 9	16°45	4°D42	6°11	0°22	n.a.	S 23
M24	3 51 59	27°48'31	22°29	13° 2	14°52	5°48	19°43	10°23	4° 4	21°11	16°44	4°43	6° 8	0°28	n.a.	M24
T 25	3 55 55	28°49'48	4♒35	14°34	15°56	6°34	19°44	10°19	4° 1	21°13	16°43	4°45	6° 4	0°35	n.a.	T 25
W26	3 59 52	29°51'04	16°31	16° 4	17° 0	7°21	19°46	10°14	3°59	21°15	16°42	4°47	6° 1	0°42	n.a.	W26
T 27	4 3 49	0♐52'20	28°22	17°34	18° 3	8° 7	19°47	10° 9	3°57	21°18	16°41	4°R48	5°58	0°48	n.a.	T 27
F 28	4 7 45	1°53'36	10♓14	19° 3	19° 6	8°54	19°49	10° 5	3°55	21°20	16°40	4°47	5°55	0°55	n.a.	F 28
S 29	4 11 42	2°54'52	22°10	20°29	20° 8	9°40	19°51	10° 1	3°53	21°22	16°39	4°45	5°52	1° 2	n.a.	S 29
S 30	4 15 38	3♐56'07	4♈16	21♐54	21♑11	10♐27	19♓53	9♉56	3♉50	21♏24	16♉38	4♋42	5♋49	1♓ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s 8	10s34	4s42	14s49	0s50	25s58	2s41	17s56	0s30	5s25	1s39	13n33	2s16	12n59	0s23	16s31	1n35	7n58	9s35	23n34	23n32	16s 4		n.a.
S 2	13 29	6 1	4 59	15 25	0 56	26 4	2 42	18 10	0 30	5 26	1 39	13 32	2 16	12 59	0 23	16 32	1 35	7 58	9 35	23 35	23 32	16 3		n.a.
M 3	13 49	1 10	5 3	16 1	1 2	26 10	2 42	18 23	0 31	5 27	1 39	13 30	2 16	12 58	0 23	16 32	1 35	7 58	9 35	23 35	23 32	16 1		n.a.
T 4	14 9	3n49	4 53	16 36	1 8	26 14	2 43	18 36	0 32	5 28	1 38	13 29	2 16	12 57	0 23	16 33	1 35	7 57	9 35	23 36	23 32	15 59		n.a.
W 5	14 29	8 45	4 29	17 11	1 13	26 18	2 43	18 48	0 32	5 29	1 38	13 27	2 16	12 56	0 23	16 34	1 35	7 57	9 35	23 36	23 32	15 57		n.a.
T 6	14 49	13 24	3 50	17 45	1 19	26 21	2 43	19 1	0 33	5 30	1 38	13 26	2 16	12 55	0 23	16 34	1 35	7 57	9 35	23 37	23 33	15 55		n.a.
F 7	15 9	17 30	2 58	18 17	1 24	26 24	2 43	19 13	0 33	5 31	1 38	13 24	2 16	12 54	0 23	16 35	1 35	7 56	9 35	23 37	23 33	15 53		n.a.
S 8	15 28	20 46	1 56	18 49	1 29	26 26	2 43	19 26	0 34	5 32	1 37	13 23	2 16	12 53	0 23	16 35	1 35	7 56	9 35	23 37	23 33	15 51		n.a.
S 9	15 47	22 56	0 46	19 20	1 34	26 27	2 43	19 38	0 35	5 32	1 37	13 21	2 15	12 53	0 23	16 36	1 35	7 56	9 35	23 37	23 33	15 49		n.a.
M10	16 6	23 46	0n28	19 51	1 38	26 27	2 43	19 50	0 35	5 33	1 37	13 20	2 15	12 52	0 23	16 37	1 35	7 55	9 35	23 37	23 33	15 48		n.a.
T 11	16 24	23 9	1 40	20 20	1 43	26 26	2 42	20 1	0 36	5 33	1 36	13 18	2 15	12 51	0 23	16 37	1 35	7 55	9 35	23 37	23 33	15 46		n.a.
W12	16 42	21 6	2 48	20 48	1 47	26 25	2 42	20 13	0 36	5 34	1 36	13 17	2 15	12 50	0 23	16 38	1 35	7 55	9 35	23 37	23 34	15 44		n.a.
T 13	17 0	17 46	3 46	21 15	1 51	26 23	2 41	20 24	0 37	5 34	1 36	13 15	2 15	12 49	0 23	16 39	1 35	7 55	9 35	23 37	23 34	15 42		n.a.
F 14	17 17	13 22	4 30	21 41	1 55	26 21	2 40	20 35	0 37	5 34	1 35	13 14	2 15	12 49	0 23	16 39	1 35	7 54	9 35	23 37	23 34	15 40		n.a.
S 15	17 35	8 13	4 58	22 6	1 58	26 17	2 39	20 46	0 38	5 34	1 35	13 13	2 15	12 48	0 23	16 40	1 35	7 54	9 35	23 37	23 34	15 38		n.a.
S 16	17 52	2 37	5 8	22 30	2 1	26 13	2 38	20 57	0 38	5 34	1 35	13 11	2 15	12 47	0 23	16 40	1 35	7 54	9 35	23 38	23 34	15 36		n.a.
M17	18 8	3s 7	4 59	22 52	2 4	26 8	2 37	21 7	0 39	5 34	1 34	13 10	2 15	12 46	0 22	16 41	1 35	7 53	9 35	23 38	23 34	15 34		n.a.
T 18	18 25	8 38	4 31	23 13	2 6	26 3	2 35	21 17	0 40	5 34	1 34	13 8	2 15	12 45	0 22	16 42	1 35	7 53	9 35	23 38	23 35	15 32		n.a.
W19	18 40	13 38	3 47	23 33	2 8	25 57	2 34	21 27	0 40	5 34	1 34	13 7	2 14	12 44	0 22	16 42	1 35	7 53	9 35	23 39	23 35	15 30		n.a.
T 20	18 56	17 51	2 52	23 51	2 10	25 50	2 32	21 37	0 41	5 34	1 33	13 6	2 14	12 44	0 22	16 43	1 35	7 53	9 35	23 39	23 35	15 29		n.a.
F 21	19 11	21 3	1 47	24 8	2 11	25 43	2 30	21 47	0 41	5 33	1 33	13 4	2 14	12 43	0 22	16 43	1 35	7 52	9 35	23 39	23 35	15 27		n.a.
S 22	19 26	23 4	0 39	24 23	2 12	25 35	2 28	21 56	0 42	5 33	1 33	13 3	2 14	12 42	0 22	16 44	1 35	7 52	9 35	23 39	23 35	15 25		n.a.
S 23	19 41	23 50	0s30	24 37	2 12	25 26	2 26	22 5	0 42	5 32	1 32	13 2	2 14	12 41	0 22	16 45	1 35	7 52	9 34	23 39	23 35	15 23		n.a.
M24	19 55	23 24	1 35	24 49	2 12	25 16	2 24	22 14	0 43	5 31	1 32	13 0	2 14	12 41	0 22	16 45	1 35	7 52	9 34	23 39	23 35	15 21		n.a.
T 25	20 9	21 52	2 36	25 0	2 11	25 6	2 21	22 23	0 43	5 31	1 32	12 59	2 13	12 40	0 22	16 46	1 35	7 51	9 34	23 39	23 36	15 19		n.a.
W26	20 22	19 23	3 28	25 9	2 10	24 56	2 19	22 31	0 44	5 30	1 31	12 58	2 13	12 39	0 22	16 46	1 35	7 51	9 34	23 39	23 36	15 17		n.a.
T 27	20 35	16 7	4 12	25 16	2 7	24 45	2 16	22 40	0 44	5 29	1 31	12 56	2 13	12 38	0 22	16 47	1 35	7 51	9 34	23 39	23 36	15 15		n.a.
F 28	20 48	12 12	4 45	25 21	2 5	24 33	2 13	22 47	0 45	5 28	1 31	12 55	2 13	12 38	0 22	16 48	1 35	7 51	9 34	23 39	23 36	15 13		n.a.
S 29	21 0	7 48	5 5	25 24	2 1	24 20	2 10	22 55	0 45	5 27	1 30	12 54	2 13	12 37	0 22	16 48	1 35	7 51	9 34	23 39	23 36	15 11		n.a.
S 30	21s12	3s 3	5s13	25s26	1s57	24s 7	2s 6	23s 3	0s46	5s26	1s30	12n53	2s13	12n36	0s22	16s49	1n35	7n50	9s34	23n39	23n36	15s 9		n.a.

Julian Day Number = 1602290.5, Delta T = 03h58m24s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'30, Lahiri = - 8°27'30 Julian Calendar 1 Nov. 327 BCE == Greg. Calendar 27 Oct. 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 327 BCE
geocentric

DECEMBER 327 BCE (-326) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 19 35	4♐57'22	16♈35	23♐17	22♑13	11♐13	19♓55	9°R52	3°R48	21♏26	16°R36	4°R38	5♋45	1♓15	n.a.	M 1
T 2	4 23 31	5°58'37	29°11	24°37	23°14	12° 0	19°58	9♉48	3♉46	21°29	16♉35	4♋33	5°42	1°22	n.a.	T 2
W 3	4 27 28	6°59'51	12♉ 6	25°54	24°15	12°47	20° 0	9°44	3°44	21°31	16°34	4°28	5°39	1°29	n.a.	W 3
T 4	4 31 25	8° 1'06	25°19	27° 7	25°16	13°33	20° 3	9°40	3°42	21°33	16°33	4°24	5°36	1°35	n.a.	T 4
F 5	4 35 21	9° 2'20	8♊51	28°15	26°16	14°20	20° 6	9°36	3°40	21°35	16°32	4°21	5°33	1°42	n.a.	F 5
S 6	4 39 18	10° 3'34	22°37	29°19	27°15	15° 7	20° 9	9°32	3°39	21°37	16°31	4°19	5°29	1°49	n.a.	S 6
S 7	4 43 14	11° 4'48	6♋36	0♎16	28°15	15°54	20°13	9°28	3°37	21°40	16°30	4°D18	5°26	1°55	n.a.	S 7
M 8	4 47 11	12° 6'01	20°44	1° 7	29°13	16°40	20°17	9°24	3°35	21°42	16°29	4°19	5°23	2° 2	n.a.	M 8
T 9	4 51 7	13° 7'15	4♌57	1°50	0♒12	17°27	20°20	9°20	3°33	21°44	16°28	4°20	5°20	2° 9	n.a.	T 9
W10	4 55 4	14° 8'28	19°12	2°25	1° 9	18°14	20°24	9°17	3°31	21°46	16°27	4°22	5°17	2°15	n.a.	W10
T 11	4 59 0	15° 9'41	3♍26	2°51	2° 7	19° 1	20°29	9°13	3°30	21°48	16°26	4°23	5°14	2°22	n.a.	T 11
F 12	5 2 57	16°10'54	17°37	3° 6	3° 3	19°48	20°33	9°10	3°28	21°50	16°25	4°R23	5°10	2°29	n.a.	F 12
S 13	5 6 54	17°12'06	1♎43	3°R10	3°59	20°35	20°38	9° 6	3°26	21°52	16°24	4°23	5° 7	2°36	n.a.	S 13
S 14	5 10 50	18°13'18	15°41	3° 3	4°55	21°22	20°43	9° 3	3°25	21°55	16°23	4°21	5° 4	2°42	n.a.	S 14
M15	5 14 47	19°14'31	29°31	2°44	5°50	22° 9	20°47	9° 0	3°23	21°57	16°22	4°20	5° 1	2°49	n.a.	M15
T 16	5 18 43	20°15'42	13♏10	2°13	6°44	22°56	20°53	8°57	3°22	21°59	16°21	4°17	4°58	2°56	n.a.	T 16
W17	5 22 40	21°16'53	26°37	1°32	7°37	23°43	20°58	8°54	3°20	22° 1	16°20	4°16	4°54	3° 2	n.a.	W17
T 18	5 26 36	22°18'04	9♐51	0°39	8°30	24°30	21° 3	8°51	3°19	22° 3	16°19	4°14	4°51	3° 9	n.a.	T 18
F 19	5 30 33	23°19'14	22°50	29♐38	9°22	25°17	21° 9	8°48	3°17	22° 5	16°18	4°13	4°48	3°16	n.a.	F 19
S 20	5 34 29	24°20'24	5♑34	28°30	10°14	26° 4	21°15	8°45	3°16	22° 7	16°17	4°D13	4°45	3°22	n.a.	S 20
S 21	5 38 26	25°21'32	18° 3	27°16	11° 4	26°51	21°21	8°43	3°15	22° 9	16°16	4°13	4°42	3°29	n.a.	S 21
M22	5 42 23	26°22'39	0♒19	26° 0	11°54	27°38	21°27	8°40	3°13	22°11	16°16	4°14	4°39	3°36	n.a.	M22
T 23	5 46 19	27°23'46	12°23	24°43	12°43	28°26	21°34	8°38	3°12	22°13	16°15	4°15	4°35	3°43	n.a.	T 23
W24	5 50 16	28°24'51	24°20	23°28	13°31	29°13	21°40	8°35	3°11	22°15	16°14	4°15	4°32	3°49	n.a.	W24
T 25	5 54 12	29°25'55	6♓11	22°16	14°18	0♑ 0	21°47	8°33	3°10	22°17	16°13	4°16	4°29	3°56	n.a.	T 25
F 26	5 58 9	0♑26'58	18° 3	21°11	15° 4	0°47	21°54	8°31	3° 9	22°18	16°12	4°16	4°26	4° 3	n.a.	F 26
S 27	6 2 5	1°27'59	29°58	20°12	15°49	1°34	22° 1	8°29	3° 8	22°20	16°11	4°R16	4°23	4° 9	n.a.	S 27
S 28	6 6 2	2°28'59	12♈ 2	19°21	16°33	2°22	22° 8	8°27	3° 7	22°22	16°11	4°16	4°20	4°16	n.a.	S 28
M29	6 9 59	3°29'58	24°20	18°38	17°16	3° 9	22°15	8°25	3° 6	22°24	16°10	4°16	4°16	4°23	n.a.	M29
T 30	6 13 55	4°30'55	6♉55	18° 4	17°58	3°56	22°23	8°24	3° 5	22°26	16° 9	4°D16	4°13	4°30	n.a.	T 30
W31	6 17 52	5♑31'51	19♉51	17♐39	18♒38	4♑43	22♓30	8♉22	3♉ 4	22♏28	16♉ 9	4♋16	4♋10	4♓36	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s23	1n54	5s 6	25s25	1s52	23s54	2s 3	23s10	0s46	5s25	1s30	12n52	2s12	12n36	0s22	16s49	1n35	7n50	9s34	23n39	23n36	15s 7		n.a.
T 2	21 34	6 53	4 44	25 23	1 46	23 40	1 59	23 17	0 47	5 23	1 29	12 50	2 12	12 35	0 22	16 50	1 35	7 50	9 34	23 39	23 37	15 5		n.a.
W 3	21 45	11 43	4 8	25 19	1 39	23 25	1 56	23 23	0 47	5 22	1 29	12 49	2 12	12 34	0 22	16 50	1 35	7 50	9 33	23 39	23 37	15 3		n.a.
T 4	21 55	16 8	3 18	25 13	1 31	23 10	1 51	23 30	0 48	5 21	1 29	12 48	2 12	12 34	0 22	16 51	1 35	7 50	9 33	23 40	23 37	15 1		n.a.
F 5	22 5	19 49	2 15	25 5	1 22	22 55	1 47	23 36	0 48	5 19	1 28	12 47	2 12	12 33	0 22	16 52	1 35	7 49	9 33	23 40	23 37	14 59		n.a.
S 6	22 14	22 28	1 4	24 56	1 12	22 39	1 43	23 42	0 49	5 17	1 28	12 46	2 11	12 32	0 22	16 52	1 35	7 49	9 33	23 40	23 37	14 57		n.a.
S 7	22 23	23 47	0n13	24 44	1 0	22 22	1 38	23 47	0 49	5 16	1 28	12 45	2 11	12 32	0 22	16 53	1 35	7 49	9 33	23 40	23 37	14 55		n.a.
M 8	22 31	23 35	1 29	24 32	0 48	22 5	1 34	23 53	0 49	5 14	1 27	12 44	2 11	12 31	0 22	16 53	1 35	7 49	9 33	23 40	23 37	14 53		n.a.
T 9	22 39	21 52	2 41	24 18	0 34	21 48	1 29	23 58	0 50	5 12	1 27	12 43	2 11	12 30	0 22	16 54	1 35	7 49	9 33	23 40	23 38	14 51		n.a.
W10	22 47	18 46	3 43	24 2	0 20	21 30	1 24	24 2	0 50	5 10	1 27	12 42	2 11	12 30	0 22	16 54	1 35	7 49	9 33	23 40	23 38	14 49		n.a.
T 11	22 54	14 34	4 31	23 46	0 4	21 12	1 18	24 7	0 51	5 8	1 26	12 41	2 10	12 29	0 22	16 55	1 35	7 49	9 32	23 40	23 38	14 47		n.a.
F 12	23 0	9 35	5 2	23 29	0n13	20 54	1 13	24 11	0 51	5 6	1 26	12 40	2 10	12 29	0 22	16 55	1 35	7 48	9 32	23 40	23 38	14 45		n.a.
S 13	23 7	4 7	5 15	23 11	0 31	20 35	1 7	24 15	0 52	5 4	1 26	12 39	2 10	12 28	0 22	16 56	1 35	7 48	9 32	23 40	23 38	14 43		n.a.
S 14	23 12	1s29	5 10	22 52	0 50	20 16	1 1	24 19	0 52	5 2	1 25	12 39	2 10	12 28	0 22	16 56	1 35	7 48	9 32	23 40	23 38	14 41		n.a.
M15	23 18	6 59	4 46	22 34	1 9	19 56	0 55	24 22	0 52	5 0	1 25	12 38	2 9	12 27	0 22	16 57	1 35	7 48	9 32	23 40	23 38	14 39		n.a.
T 16	23 22	12 4	4 6	22 15	1 28	19 36	0 49	24 25	0 53	4 57	1 25	12 37	2 9	12 27	0 22	16 58	1 35	7 48	9 32	23 40	23 38	14 37		n.a.
W17	23 27	16 30	3 13	21 56	1 47	19 16	0 42	24 28	0 53	4 55	1 24	12 36	2 9	12 26	0 22	16 58	1 35	7 48	9 32	23 40	23 39	14 35		n.a.
T 18	23 30	20 3	2 11	21 38	2 6	18 56	0 36	24 31	0 54	4 52	1 24	12 36	2 9	12 26	0 22	16 59	1 35	7 48	9 31	23 40	23 39	14 33		n.a.
F 19	23 34	22 30	1 3	21 20	2 24	18 36	0 29	24 33	0 54	4 50	1 24	12 35	2 8	12 25	0 22	16 59	1 35	7 48	9 31	23 40	23 39	14 31		n.a.
S 20	23 37	23 44	0s 7	21 4	2 40	18 15	0 22	24 35	0 54	4 47	1 24	12 34	2 8	12 25	0 22	17 0	1 35	7 48	9 31	23 40	23 39	14 29		n.a.
S 21	23 39	23 45	1 16	20 48	2 54	17 54	0 15	24 37	0 55	4 45	1 23	12 34	2 8	12 24	0 22	17 0	1 35	7 47	9 31	23 40	23 39	14 27		n.a.
M22	23 41	22 36	2 20	20 33	3 7	17 33	0 7	24 38	0 55	4 42	1 23	12 33	2 8	12 24	0 22	17 0	1 35	7 47	9 31	23 40	23 39	14 25		n.a.
T 23	23 43	20 26	3 16	20 21	3 17	17 11	0n 1	24 39	0 56	4 39	1 23	12 33	2 7	12 24	0 22	17 1	1 35	7 47	9 30	23 40	23 39	14 23		n.a.
W24	23 43	17 24	4 4	20 9	3 25	16 50	0 9	24 40	0 56	4 36	1 22	12 32	2 7	12 23	0 22	17 1	1 35	7 47	9 30	23 40	23 39	14 20		n.a.
T 25	23 44	13 41	4 40	20 0	3 30	16 28	0 17	24 40	0 56	4 33	1 22	12 32	2 7	12 23	0 22	17 2	1 35	7 47	9 30	23 40	23 39	14 18		n.a.
F 26	23 44	9 27	5 5	19 53	3 33	16 7	0 25	24 41	0 57	4 30	1 22	12 31	2 7	12 22	0 22	17 2	1 35	7 47	9 30	23 40	23 40	14 16		n.a.
S 27	23 44	4 51	5 16	19 49	3 34	15 45	0 34	24 41	0 57	4 27	1 21	12 31	2 6	12 22	0 22	17 3	1 35	7 47	9 30	23 40	23 40	14 14		n.a.
S 28	23 43	0 0	5 15	19 46	3 33	15 24	0 43	24 40	0 57	4 24	1 21	12 30	2 6	12 22	0 22	17 3	1 35	7 47	9 30	23 40	23 40	14 12		n.a.
M29	23 41	4n55	4 58	19 46	3 29	15 2	0 52	24 39	0 58	4 21	1 21	12 30	2 6	12 22	0 22	17 4	1 35	7 47	9 29	23 40	23 40	14 10		n.a.
T 30	23 39	9 47	4 27	19 48	3 25	14 40	1 1	24 38	0 58	4 17	1 21	12 30	2 5	12 21	0 22	17 4	1 35	7 47	9 29	23 40	23 40	14 8		n.a.
W31	23s37	14n21	3s42	19s52	3n18	14s19	1n10	24s37	0s58	4s14	1s20	12n30	2s 5	12n21	0s22	17s 5	1n35	7n47	9s29	23n40	23n40	14s 6		n.a.

Julian Day Number = 1602320.5, Delta T = 03h58m23s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'26, Lahiri = - 8°27'26 Julian Calendar 1 Dec. 327 BCE == Greg. Calendar 26 Nov. 327 BCE

The year -326 astronomical counting style corresponds to year 327 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

JANUARY 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 21 48	6♑32'46	3♊11	17°R23	19♒18	5♑31	22♓38	8°R21	3°R 4	22♏29	16°R 8	4♋17	4♋ 7	4♓43	n.a.	T 1
F 2	6 25 45	7°33'39	16°54	17♐15	19°56	6°18	22°46	8♉19	3♉ 3	22°31	16♉ 7	4°17	4° 4	4°50	n.a.	F 2
S 3	6 29 41	8°34'31	0♋59	17°D15	20°33	7° 5	22°54	8°18	3° 2	22°33	16° 6	4°R17	4° 0	4°56	n.a.	S 3
S 4	6 33 38	9°35'21	15°23	17°22	21° 8	7°53	23° 3	8°17	3° 2	22°34	16° 6	4°17	3°57	5° 3	n.a.	S 4
M 5	6 37 34	10°36'11	29°59	17°36	21°42	8°40	23°11	8°16	3° 1	22°36	16° 5	4°17	3°54	5°10	n.a.	M 5
T 6	6 41 31	11°36'59	14♌43	17°56	22°14	9°27	23°19	8°15	3° 0	22°38	16° 5	4°16	3°51	5°16	n.a.	T 6
W 7	6 45 28	12°37'45	29°25	18°22	22°45	10°14	23°28	8°14	3° 0	22°39	16° 4	4°15	3°48	5°23	n.a.	W 7
T 8	6 49 24	13°38'31	14♍ 1	18°54	23°15	11° 2	23°37	8°13	3° 0	22°41	16° 3	4°14	3°45	5°30	n.a.	T 8
F 9	6 53 21	14°39'15	28°25	19°30	23°42	11°49	23°46	8°13	2°59	22°43	16° 3	4°13	3°41	5°37	n.a.	F 9
S 10	6 57 17	15°39'58	12♎33	20°11	24° 8	12°36	23°55	8°12	2°59	22°44	16° 2	4°D13	3°38	5°43	n.a.	S 10
S 11	7 1 14	16°40'40	26°25	20°57	24°32	13°24	24° 4	8°12	2°59	22°46	16° 2	4°13	3°35	5°50	n.a.	S 11
M12	7 5 10	17°41'20	10♏ 0	21°45	24°55	14°11	24°13	8°12	2°59	22°47	16° 1	4°14	3°32	5°57	n.a.	M12
T 13	7 9 7	18°42'00	23°18	22°38	25°15	14°58	24°23	8°D12	2°58	22°49	16° 1	4°15	3°29	6° 3	n.a.	T 13
W14	7 13 3	19°42'38	6♐21	23°33	25°33	15°46	24°32	8°12	2°58	22°50	16° 0	4°16	3°26	6°10	n.a.	W14
T 15	7 17 0	20°43'15	19°11	24°32	25°50	16°33	24°42	8°12	2°D58	22°52	16° 0	4°17	3°22	6°17	n.a.	T 15
F 16	7 20 57	21°43'50	1♑48	25°33	26° 4	17°20	24°52	8°12	2°58	22°53	16° 0	4°R18	3°19	6°24	n.a.	F 16
S 17	7 24 53	22°44'24	14°13	26°37	26°16	18° 8	25° 2	8°13	2°58	22°54	15°59	4°17	3°16	6°30	n.a.	S 17
S 18	7 28 50	23°44'56	26°29	27°43	26°26	18°55	25°12	8°13	2°58	22°56	15°59	4°16	3°13	6°37	n.a.	S 18
M19	7 32 46	24°45'26	8♒36	28°51	26°34	19°42	25°22	8°14	2°59	22°57	15°59	4°14	3°10	6°44	n.a.	M19
T 20	7 36 43	25°45'54	20°36	0♑ 1	26°39	20°30	25°32	8°14	2°59	22°58	15°58	4°10	3° 6	6°50	n.a.	T 20
W21	7 40 39	26°46'21	2♓30	1°14	26°42	21°17	25°43	8°15	2°59	23° 0	15°58	4° 6	3° 3	6°57	n.a.	W21
T 22	7 44 36	27°46'45	14°21	2°28	26°R42	22° 4	25°53	8°16	2°59	23° 1	15°58	4° 2	3° 0	7° 4	n.a.	T 22
F 23	7 48 32	28°47'08	26°12	3°43	26°40	22°52	26° 4	8°17	3° 0	23° 2	15°57	3°59	2°57	7°11	n.a.	F 23
S 24	7 52 29	29°47'28	8♈ 7	5° 0	26°35	23°39	26°15	8°18	3° 0	23° 3	15°57	3°56	2°54	7°17	n.a.	S 24
S 25	7 56 26	0♒47'46	20° 8	6°19	26°28	24°26	26°25	8°20	3° 1	23° 4	15°57	3°54	2°51	7°24	n.a.	S 25
M26	8 0 22	1°48'03	2♉22	7°39	26°19	25°14	26°36	8°21	3° 1	23° 5	15°57	3°D53	2°47	7°31	n.a.	M26
T 27	8 4 19	2°48'17	14°52	9° 1	26° 6	26° 1	26°47	8°22	3° 2	23° 6	15°57	3°54	2°44	7°37	n.a.	T 27
W28	8 8 15	3°48'29	27°43	10°24	25°52	26°48	26°58	8°24	3° 3	23° 7	15°56	3°55	2°41	7°44	n.a.	W28
T 29	8 12 12	4°48'38	10♊58	11°48	25°35	27°35	27°10	8°26	3° 3	23° 9	15°56	3°57	2°38	7°51	n.a.	T 29
F 30	8 16 8	5°48'46	24°41	13°13	25°15	28°23	27°21	8°28	3° 4	23° 9	15°56	3°58	2°35	7°57	n.a.	F 30
S 31	8 20 5	6♒48'52	8♋50	14♑40	24♒53	29♑10	27♓32	8♉29	3♉ 5	23♏10	15♉56	3°R59	2♋32	8♓ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s34	18n22	2 s44	19 s57	3n11	13 s57	1n20	24 s36	0 s59	4 s11	1 s20	12n29	2 s 5	12n21	0 s22	17 s 5	1n35	7n47	9 s29	23n40	23n40	14 s 4		n.a.
F 2	23 31	21 30	1 35	20 5	3 3	13 36	1 30	24 34	0 59	4 7	1 20	12 29	2 5	12 21	0 22	17 5	1 35	7 47	9 28	23 40	23 40	14 2		n.a.
S 3	23 27	23 26	0 18	20 14	2 54	13 14	1 40	24 32	0 59	4 4	1 19	12 29	2 4	12 20	0 21	17 6	1 35	7 47	9 28	23 40	23 40	14 0		n.a.
S 4	23 23	23 51	1n 1	20 24	2 44	12 53	1 51	24 29	1 0	4 0	1 19	12 29	2 4	12 20	0 21	17 6	1 35	7 47	9 28	23 40	23 40	13 57		n.a.
M 5	23 18	22 39	2 18	20 35	2 34	12 32	2 1	24 27	1 0	3 57	1 19	12 29	2 4	12 20	0 21	17 7	1 35	7 47	9 28	23 40	23 41	13 55		n.a.
T 6	23 13	19 54	3 26	20 47	2 24	12 11	2 12	24 24	1 0	3 53	1 19	12 29	2 3	12 20	0 21	17 7	1 35	7 47	9 28	23 40	23 41	13 53		n.a.
W 7	23 8	15 52	4 20	21 0	2 14	11 51	2 23	24 20	1 0	3 49	1 18	12 29	2 3	12 20	0 21	17 7	1 36	7 47	9 27	23 40	23 41	13 51		n.a.
T 8	23 2	10 55	4 57	21 13	2 3	11 31	2 34	24 17	1 1	3 46	1 18	12 29	2 3	12 20	0 21	17 8	1 36	7 47	9 27	23 40	23 41	13 49		n.a.
F 9	22 55	5 27	5 15	21 27	1 52	11 11	2 46	24 13	1 1	3 42	1 18	12 29	2 3	12 20	0 21	17 8	1 36	7 47	9 27	23 40	23 41	13 47		n.a.
S 10	22 48	0 s13	5 13	21 41	1 41	10 51	2 57	24 9	1 1	3 38	1 18	12 29	2 2	12 19	0 21	17 9	1 36	7 47	9 27	23 40	23 41	13 45		n.a.
S 11	22 41	5 46	4 53	21 55	1 31	10 32	3 9	24 4	1 1	3 34	1 17	12 29	2 2	12 19	0 21	17 9	1 36	7 48	9 27	23 40	23 41	13 42		n.a.
M12	22 33	10 56	4 17	22 9	1 20	10 13	3 21	24 0	1 2	3 30	1 17	12 30	2 2	12 19	0 21	17 9	1 36	7 48	9 26	23 40	23 41	13 40		n.a.
T 13	22 25	15 29	3 28	22 22	1 10	9 55	3 33	23 54	1 2	3 26	1 17	12 30	2 1	12 19	0 21	17 10	1 36	7 48	9 26	23 40	23 41	13 38		n.a.
W14	22 16	19 12	2 28	22 35	0 59	9 37	3 46	23 49	1 2	3 22	1 17	12 30	2 1	12 19	0 21	17 10	1 36	7 48	9 26	23 40	23 41	13 36		n.a.
T 15	22 7	21 55	1 23	22 48	0 49	9 20	3 58	23 44	1 2	3 18	1 16	12 30	2 1	12 19	0 21	17 10	1 36	7 48	9 26	23 40	23 41	13 34		n.a.
F 16	21 57	23 30	0 14	23 1	0 39	9 3	4 11	23 38	1 3	3 14	1 16	12 31	2 1	12 19	0 21	17 11	1 36	7 48	9 25	23 40	23 42	13 32		n.a.
S 17	21 47	23 52	0 s55	23 12	0 29	8 47	4 23	23 32	1 3	3 9	1 16	12 31	2 0	12 19	0 21	17 11	1 36	7 48	9 25	23 40	23 42	13 30		n.a.
S 18	21 37	23 4	1 59	23 23	0 19	8 32	4 36	23 25	1 3	3 5	1 16	12 32	2 0	12 19	0 21	17 11	1 36	7 48	9 25	23 40	23 42	13 27		n.a.
M19	21 26	21 12	2 58	23 34	0 10	8 17	4 49	23 19	1 3	3 1	1 15	12 32	2 0	12 20	0 21	17 11	1 36	7 48	9 25	23 40	23 42	13 25		n.a.
T 20	21 15	18 24	3 48	23 43	0 1	8 3	5 2	23 12	1 3	2 57	1 15	12 33	1 59	12 20	0 21	17 12	1 36	7 49	9 24	23 40	23 42	13 23		n.a.
W21	21 4	14 52	4 28	23 52	0 s 8	7 50	5 15	23 5	1 4	2 52	1 15	12 33	1 59	12 20	0 21	17 12	1 36	7 49	9 24	23 40	23 42	13 21		n.a.
T 22	20 52	10 46	4 56	23 59	0 17	7 38	5 28	22 57	1 4	2 48	1 15	12 34	1 59	12 20	0 21	17 12	1 36	7 49	9 24	23 40	23 42	13 19		n.a.
F 23	20 39	6 16	5 11	24 6	0 25	7 26	5 41	22 49	1 4	2 43	1 15	12 34	1 58	12 20	0 21	17 13	1 36	7 49	9 24	23 40	23 42	13 16		n.a.
S 24	20 27	1 32	5 13	24 12	0 33	7 16	5 54	22 41	1 4	2 39	1 14	12 35	1 58	12 20	0 21	17 13	1 36	7 49	9 23	23 41	23 42	13 14		n.a.
S 25	20 14	3n19	5 1	24 16	0 41	7 6	6 6	22 33	1 4	2 34	1 14	12 36	1 58	12 20	0 21	17 13	1 36	7 49	9 23	23 41	23 42	13 12		n.a.
M26	20 0	8 8	4 36	24 19	0 49	6 58	6 19	22 25	1 5	2 30	1 14	12 36	1 58	12 21	0 21	17 13	1 36	7 50	9 23	23 41	23 42	13 10		n.a.
T 27	19 46	12 43	3 57	24 21	0 56	6 50	6 31	22 16	1 5	2 25	1 14	12 37	1 57	12 21	0 21	17 14	1 36	7 50	9 23	23 41	23 42	13 8		n.a.
W28	19 32	16 53	3 6	24 22	1 3	6 44	6 43	22 7	1 5	2 20	1 13	12 38	1 57	12 21	0 21	17 14	1 36	7 50	9 22	23 41	23 42	13 5		n.a.
T 29	19 18	20 21	2 3	24 21	1 9	6 38	6 55	21 58	1 5	2 16	1 13	12 39	1 57	12 21	0 21	17 14	1 36	7 50	9 22	23 40	23 42	13 3		n.a.
F 30	19 3	22 47	0 51	24 19	1 16	6 34	7 7	21 48	1 5	2 11	1 13	12 40	1 56	12 22	0 21	17 14	1 36	7 50	9 22	23 40	23 43	13 1		n.a.
S 31	18 s48	23n53	0n27	24 s16	1 s22	6 s31	7n18	21 s38	1 s 5	2 s 6	1 s13	12n41	1 s56	12n22	0 s21	17 s14	1n36	7n51	9 s22	23n40	23n43	12 s59		n.a.

Julian Day Number = 1602351.5, Delta T = 03h58m22s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'22, Lahiri = - 8°27'22 Julian Calendar 1 Jan. 326 BCE == Greg. Calendar 27 Dec. 327 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

FEBRUARY 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 1	7♒48'55	23♋25	16♉ 8	24°R28	29♉57	27♓44	8♉32	3♉ 6	23♏11	15°R56	3°R57	2♋28	8♓11	n.a.	S 1
M 2	8 27 58	8°48'56	8♌20	17°37	24♒ 2	0♒44	27°55	8°34	3° 7	23°12	15♉56	3♋54	2°25	8°18	n.a.	M 2
T 3	8 31 55	9°48'56	23°26	19° 8	23°33	1°31	28° 7	8°36	3° 8	23°13	15°D56	3°50	2°22	8°24	n.a.	T 3
W 4	8 35 51	10°48'53	8♍35	20°39	23° 3	2°18	28°19	8°38	3° 9	23°14	15°56	3°44	2°19	8°31	n.a.	W 4
T 5	8 39 48	11°48'48	23°36	22°12	22°31	3° 6	28°31	8°41	3°10	23°15	15°56	3°39	2°16	8°38	n.a.	T 5
F 6	8 43 44	12°48'42	8♎20	23°46	21°57	3°53	28°43	8°43	3°11	23°15	15°56	3°34	2°12	8°44	n.a.	F 6
S 7	8 47 41	13°48'33	22°43	25°21	21°22	4°40	28°55	8°46	3°12	23°16	15°56	3°30	2° 9	8°51	n.a.	S 7
S 8	8 51 37	14°48'23	6♏41	26°57	20°46	5°27	29° 7	8°49	3°13	23°17	15°56	3°28	2° 6	8°58	n.a.	S 8
M 9	8 55 34	15°48'11	20°15	28°34	20° 9	6°14	29°19	8°52	3°14	23°18	15°56	3°D28	2° 3	9° 5	n.a.	M 9
T 10	8 59 30	16°47'58	3♐25	0♒13	19°32	7° 1	29°31	8°55	3°16	23°18	15°57	3°29	2° 0	9°11	n.a.	T 10
W11	9 3 27	17°47'43	16°15	1°53	18°54	7°48	29°43	8°58	3°17	23°19	15°57	3°30	1°57	9°18	n.a.	W11
T 12	9 7 24	18°47'26	28°49	3°34	18°16	8°35	29°56	9° 1	3°19	23°19	15°57	3°R31	1°53	9°25	n.a.	T 12
F 13	9 11 20	19°47'07	11♑ 9	5°16	17°38	9°22	0♈ 8	9° 4	3°20	23°20	15°57	3°31	1°50	9°31	n.a.	F 13
S 14	9 15 17	20°46'46	23°20	6°59	17° 1	10° 9	0°21	9° 8	3°22	23°20	15°57	3°29	1°47	9°38	n.a.	S 14
S 15	9 19 13	21°46'23	5♒23	8°44	16°24	10°56	0°33	9°11	3°23	23°21	15°58	3°25	1°44	9°45	n.a.	S 15
M16	9 23 10	22°45'58	17°21	10°29	15°48	11°43	0°46	9°15	3°25	23°21	15°58	3°18	1°41	9°52	n.a.	M16
T 17	9 27 6	23°45'30	29°15	12°16	15°14	12°30	0°59	9°19	3°26	23°22	15°58	3° 9	1°38	9°58	n.a.	T 17
W18	9 31 3	24°45'01	11♓ 7	14° 5	14°40	13°17	1°12	9°22	3°28	23°22	15°59	2°59	1°34	10° 5	n.a.	W18
T 19	9 34 59	25°44'29	22°59	15°54	14° 8	14° 3	1°24	9°26	3°30	23°22	15°59	2°48	1°31	10°12	n.a.	T 19
F 20	9 38 56	26°43'55	4♈51	17°45	13°38	14°50	1°37	9°30	3°32	23°23	15°59	2°38	1°28	10°18	n.a.	F 20
S 21	9 42 52	27°43'19	16°47	19°37	13°10	15°37	1°50	9°34	3°33	23°23	16° 0	2°30	1°25	10°25	n.a.	S 21
S 22	9 46 49	28°42'41	28°50	21°30	12°43	16°24	2° 3	9°38	3°35	23°23	16° 0	2°23	1°22	10°32	n.a.	S 22
M23	9 50 46	29°42'00	11♉ 2	23°25	12°19	17°10	2°16	9°43	3°37	23°23	16° 0	2°19	1°18	10°39	n.a.	M23
T 24	9 54 42	0♓41'16	23°29	25°21	11°57	17°57	2°29	9°47	3°39	23°24	16° 1	2°17	1°15	10°45	n.a.	T 24
W25	9 58 39	1°40'31	6♊14	27°18	11°37	18°44	2°43	9°51	3°41	23°24	16° 1	2°D17	1°12	10°52	n.a.	W25
T 26	10 2 35	2°39'43	19°21	29°16	11°20	19°30	2°56	9°56	3°43	23°24	16° 2	2°18	1° 9	10°59	n.a.	T 26
F 27	10 6 32	3°38'52	2♋55	1♓16	11° 5	20°17	3° 9	10° 1	3°45	23°24	16° 2	2°R18	1° 6	11° 5	n.a.	F 27
S 28	10 10 28	4♓37'59	16♋57	3♓17	10♒52	21♒ 4	3♈22	10♉ 5	3♉47	23°R24	16♉ 3	2♋17	1♋ 3	11♓12	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s32	23n23	1n44	24s12	1s27	6s29	7n28	21s28	1s 5	2s 1	1s13	12n42	1s56	12n22	0s21	17s15	1n37	7n51	9s22	23n40	23n43	12s57			n.a.
M 2	18 17	21 14	2 56	24 5	1 33	6 28	7 38	21 18	1 5	1 56	1 12	12 43	1 56	12 23	0 21	17 15	1 37	7 51	9 21	23 41	23 43	12 54			n.a.
T 3	18 1	17 36	3 57	23 58	1 38	6 29	7 47	21 8	1 6	1 52	1 12	12 44	1 55	12 23	0 21	17 15	1 37	7 51	9 21	23 41	23 43	12 52			n.a.
W 4	17 44	12 47	4 41	23 49	1 42	6 30	7 56	20 57	1 6	1 47	1 12	12 45	1 55	12 23	0 21	17 15	1 37	7 51	9 21	23 41	23 43	12 50			n.a.
T 5	17 27	7 14	5 6	23 38	1 47	6 33	8 4	20 46	1 6	1 42	1 12	12 46	1 55	12 24	0 21	17 15	1 37	7 52	9 21	23 41	23 43	12 48			n.a.
F 6	17 10	1 23	5 9	23 26	1 51	6 37	8 11	20 35	1 6	1 37	1 12	12 47	1 54	12 24	0 21	17 15	1 37	7 52	9 20	23 41	23 43	12 45			n.a.
S 7	16 53	4s25	4 53	23 12	1 54	6 42	8 18	20 24	1 6	1 32	1 11	12 48	1 54	12 25	0 21	17 16	1 37	7 52	9 20	23 41	23 43	12 43			n.a.
S 8	16 36	9 49	4 20	22 57	1 57	6 48	8 23	20 12	1 6	1 27	1 11	12 49	1 54	12 25	0 21	17 16	1 37	7 52	9 20	23 41	23 43	12 41			n.a.
M 9	16 18	14 36	3 33	22 40	2 0	6 55	8 28	20 1	1 6	1 22	1 11	12 50	1 54	12 26	0 20	17 16	1 37	7 53	9 20	23 41	23 43	12 39			n.a.
T 10	16 0	18 33	2 36	22 21	2 3	7 3	8 31	19 49	1 6	1 17	1 11	12 51	1 53	12 26	0 20	17 16	1 37	7 53	9 19	23 41	23 43	12 36			n.a.
W11	15 41	21 29	1 32	22 0	2 4	7 12	8 34	19 36	1 6	1 11	1 11	12 53	1 53	12 27	0 20	17 16	1 37	7 53	9 19	23 41	23 43	12 34			n.a.
T 12	15 23	23 18	0 25	21 38	2 6	7 22	8 36	19 24	1 6	1 6	1 11	12 54	1 53	12 27	0 20	17 16	1 37	7 54	9 19	23 41	23 43	12 32			n.a.
F 13	15 4	23 57	0s41	21 14	2 7	7 32	8 36	19 11	1 6	1 1	1 10	12 55	1 53	12 28	0 20	17 16	1 37	7 54	9 19	23 41	23 43	12 30			n.a.
S 14	14 45	23 25	1 45	20 49	2 8	7 43	8 36	18 59	1 6	0 56	1 10	12 57	1 52	12 28	0 20	17 16	1 37	7 54	9 18	23 41	23 43	12 27			n.a.
S 15	14 25	21 47	2 43	20 21	2 8	7 55	8 35	18 46	1 6	0 51	1 10	12 58	1 52	12 29	0 20	17 16	1 37	7 55	9 18	23 41	23 43	12 25			n.a.
M16	14 6	19 12	3 34	19 52	2 8	8 8	8 33	18 33	1 6	0 45	1 10	12 59	1 52	12 29	0 20	17 16	1 37	7 55	9 18	23 42	23 43	12 23			n.a.
T 17	13 46	15 50	4 14	19 21	2 7	8 20	8 30	18 19	1 6	0 40	1 10	13 1	1 51	12 30	0 20	17 16	1 37	7 55	9 18	23 42	23 43	12 20			n.a.
W18	13 26	11 51	4 44	18 49	2 6	8 34	8 26	18 6	1 6	0 35	1 10	13 2	1 51	12 30	0 20	17 17	1 37	7 55	9 17	23 42	23 44	12 18			n.a.
T 19	13 6	7 25	5 1	18 14	2 4	8 47	8 22	17 52	1 6	0 30	1 9	13 4	1 51	12 31	0 20	17 17	1 37	7 56	9 17	23 42	23 44	12 16			n.a.
F 20	12 45	2 42	5 5	17 38	2 2	9 1	8 16	17 38	1 6	0 24	1 9	13 5	1 51	12 32	0 20	17 17	1 37	7 56	9 17	23 42	23 44	12 14			n.a.
S 21	12 25	2n 8	4 56	17 0	1 59	9 14	8 10	17 24	1 6	0 19	1 9	13 7	1 50	12 32	0 20	17 17	1 37	7 56	9 17	23 43	23 44	12 11			n.a.
S 22	12 4	6 56	4 34	16 20	1 56	9 28	8 3	17 10	1 6	0 14	1 9	13 8	1 50	12 33	0 20	17 17	1 38	7 57	9 16	23 43	23 44	12 9			n.a.
M23	11 43	11 33	3 59	15 38	1 52	9 42	7 56	16 56	1 6	0 8	1 9	13 10	1 50	12 34	0 20	17 17	1 38	7 57	9 16	23 43	23 44	12 7			n.a.
T 24	11 22	15 47	3 12	14 55	1 48	9 56	7 47	16 41	1 6	0 3	1 9	13 12	1 50	12 34	0 20	17 17	1 38	7 58	9 16	23 43	23 44	12 4			n.a.
W25	11 1	19 24	2 15	14 10	1 43	10 10	7 39	16 26	1 6	0n 3	1 9	13 13	1 49	12 35	0 20	17 17	1 38	7 58	9 16	23 43	23 44	12 2			n.a.
T 26	10 39	22 10	1 9	13 23	1 37	10 23	7 30	16 11	1 6	0 8	1 8	13 15	1 49	12 36	0 20	17 17	1 38	7 58	9 15	23 43	23 44	12 0			n.a.
F 27	10 18	23 45	0n 3	12 34	1 31	10 36	7 20	15 56	1 6	0 14	1 8	13 17	1 49	12 37	0 20	17 17	1 38	7 59	9 15	23 43	23 44	11 57			n.a.
S 28	9s56	23n55	1n17	11s44	1s25	10s49	7n10	15s41	1s 6	0n19	1s 8	13n18	1s49	12n37	0s20	17s16	1n38	7n59	9s15	23n43	23n44	11s55			n.a.

Julian Day Number = 1602382.5, Delta T = 03h58m21s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'18, Lahiri = - 8°27'17 Julian Calendar 1 Feb. 326 BCE == Greg. Calendar 27 Jan. 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

MARCH 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 14 25	5♓37'04	1♌28	5♓18	10°R42	21♒50	3♈36	10♉10	3♉50	23°R24	16♉ 4	2°R14	0♋59	11♓19	n.a.	S 1
M 2	10 18 21	6°36'06	16°23	7°20	10♒35	22°37	3°49	10°15	3°52	23♏24	16° 4	2♋ 9	0°56	11°26	n.a.	M 2
T 3	10 22 18	7°35'06	1♍36	9°24	10°29	23°23	4° 3	10°20	3°54	23°24	16° 5	2° 1	0°53	11°32	n.a.	T 3
W 4	10 26 15	8°34'04	16°57	11°28	10°27	24° 9	4°16	10°25	3°56	23°24	16° 5	1°51	0°50	11°39	n.a.	W 4
T 5	10 30 11	9°33'00	2♎14	13°32	10°D26	24°56	4°30	10°30	3°59	23°24	16° 6	1°41	0°47	11°46	n.a.	T 5
F 6	10 34 8	10°31'53	17°15	15°36	10°29	25°42	4°43	10°35	4° 1	23°23	16° 7	1°32	0°44	11°52	n.a.	F 6
S 7	10 38 4	11°30'45	1♏54	17°41	10°33	26°29	4°57	10°40	4° 3	23°23	16° 7	1°25	0°40	11°59	n.a.	S 7
S 8	10 42 1	12°29'35	16° 4	19°45	10°40	27°15	5°11	10°46	4° 6	23°23	16° 8	1°20	0°37	12° 6	n.a.	S 8
M 9	10 45 57	13°28'24	29°44	21°49	10°49	28° 1	5°24	10°51	4° 8	23°23	16° 9	1°17	0°34	12°13	n.a.	M 9
T 10	10 49 54	14°27'10	12♐57	23°51	11° 0	28°47	5°38	10°56	4°11	23°22	16° 9	1°D16	0°31	12°19	n.a.	T 10
W11	10 53 50	15°25'55	25°46	25°53	11°13	29°33	5°52	11° 2	4°13	23°22	16°10	1°R17	0°28	12°26	n.a.	W11
T 12	10 57 47	16°24'38	8♑14	27°53	11°28	0♓20	6° 6	11° 8	4°16	23°22	16°11	1°17	0°24	12°33	n.a.	T 12
F 13	11 1 44	17°23'19	20°27	29°51	11°46	1° 6	6°19	11°13	4°19	23°21	16°12	1°15	0°21	12°39	n.a.	F 13
S 14	11 5 40	18°21'58	2♒30	1♈47	12° 5	1°52	6°33	11°19	4°21	23°21	16°13	1°11	0°18	12°46	n.a.	S 14
S 15	11 9 37	19°20'35	14°26	3°40	12°26	2°38	6°47	11°25	4°24	23°20	16°13	1° 5	0°15	12°53	n.a.	S 15
M16	11 13 33	20°19'11	26°18	5°30	12°49	3°24	7° 1	11°31	4°27	23°20	16°14	0°55	0°12	13° 0	n.a.	M16
T 17	11 17 30	21°17'44	8♓ 9	7°17	13°13	4°10	7°15	11°37	4°29	23°19	16°15	0°43	0° 9	13° 6	n.a.	T 17
W18	11 21 26	22°16'16	20° 0	9° 1	13°39	4°56	7°29	11°43	4°32	23°19	16°16	0°30	0° 5	13°13	n.a.	W18
T 19	11 25 23	23°14'45	1♈54	10°40	14° 7	5°41	7°43	11°49	4°35	23°18	16°17	0°15	0° 2	13°20	n.a.	T 19
F 20	11 29 19	24°13'13	13°51	12°16	14°36	6°27	7°57	11°55	4°38	23°18	16°18	0° 2	29♊59	13°27	n.a.	F 20
S 21	11 33 16	25°11'38	25°53	13°48	15° 7	7°13	8°11	12° 1	4°41	23°17	16°19	29♊50	29°56	13°33	n.a.	S 21
S 22	11 37 12	26°10'02	8♉ 2	15°15	15°39	7°59	8°25	12° 8	4°43	23°16	16°20	29°40	29°53	13°40	n.a.	S 22
M23	11 41 9	27° 8'23	20°19	16°37	16°13	8°44	8°39	12°14	4°46	23°16	16°21	29°33	29°49	13°47	n.a.	M23
T 24	11 45 6	28° 6'42	2♊49	17°55	16°48	9°30	8°53	12°20	4°49	23°15	16°22	29°29	29°46	13°53	n.a.	T 24
W25	11 49 2	29° 4'59	15°33	19° 9	17°24	10°16	9° 7	12°27	4°52	23°14	16°23	29°28	29°43	14° 0	n.a.	W25
T 26	11 52 59	0♈ 3'14	28°37	20°17	18° 1	11° 1	9°21	12°33	4°55	23°13	16°24	29°28	29°40	14° 7	n.a.	T 26
F 27	11 56 55	1° 1'27	12♋ 4	21°20	18°39	11°47	9°36	12°40	4°58	23°13	16°25	29°27	29°37	14°14	n.a.	F 27
S 28	12 0 52	1°59'38	25°56	22°19	19°19	12°32	9°50	12°46	5° 1	23°12	16°26	29°26	29°34	14°20	n.a.	S 28
S 29	12 4 48	2°57'46	10♌14	23°12	19°59	13°17	10° 4	12°53	5° 4	23°11	16°27	29°23	29°30	14°27	n.a.	S 29
M30	12 8 45	3°55'52	24°57	24° 0	20°41	14° 3	10°18	13° 0	5° 8	23°10	16°28	29°17	29°27	14°34	n.a.	M30
T 31	12 12 41	4♈53'57	10♍ 0	24♈42	21♒24	14♓48	10♈32	13♉ 7	5♉11	23♏ 9	16♉29	29♊ 8	29♊24	14♓40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	9s34	22n30	2n29	10s53	1s17	11s 2	7n 0	15s26	1s 6	0n25	1s 8	13n20	1s48	12n38	0s20	17s16	1n38	7n59	9s15	23n43	23n44	11s53			n.a.
M 2	9 12	19 29	3 32	10 0	1 10	11 14	6 49	15 11	1 5	0 30	1 8	13 22	1 48	12 39	0 20	17 16	1 38	8 0	9 14	23 43	23 44	11 50			n.a.
T 3	8 50	15 6	4 21	9 5	1 1	11 26	6 39	14 55	1 5	0 36	1 8	13 24	1 48	12 40	0 20	17 16	1 38	8 0	9 14	23 43	23 44	11 48			n.a.
W 4	8 27	9 41	4 52	8 10	0 53	11 37	6 28	14 39	1 5	0 41	1 8	13 25	1 48	12 40	0 20	17 16	1 38	8 1	9 14	23 43	23 44	11 46			n.a.
T 5	8 5	3 43	5 2	7 13	0 43	11 48	6 16	14 24	1 5	0 47	1 8	13 27	1 47	12 41	0 20	17 16	1 38	8 1	9 14	23 43	23 44	11 43			n.a.
F 6	7 43	2s23	4 51	6 16	0 34	11 58	6 5	14 8	1 5	0 52	1 7	13 29	1 47	12 42	0 20	17 16	1 38	8 1	9 14	23 44	23 44	11 41			n.a.
S 7	7 20	8 12	4 21	5 17	0 24	12 8	5 54	13 52	1 5	0 58	1 7	13 31	1 47	12 43	0 20	17 16	1 38	8 2	9 13	23 44	23 44	11 39			n.a.
S 8	6 57	13 24	3 36	4 18	0 13	12 17	5 42	13 35	1 5	1 3	1 7	13 33	1 47	12 44	0 20	17 16	1 38	8 2	9 13	23 44	23 44	11 36			n.a.
M 9	6 34	17 45	2 39	3 19	0 2	12 26	5 31	13 19	1 5	1 9	1 7	13 35	1 47	12 45	0 20	17 16	1 38	8 3	9 13	23 44	23 44	11 34			n.a.
T 10	6 12	21 3	1 36	2 20	0n 9	12 34	5 19	13 3	1 4	1 15	1 7	13 37	1 46	12 46	0 20	17 16	1 38	8 3	9 13	23 44	23 44	11 32			n.a.
W11	5 49	23 11	0 29	1 21	0 20	12 41	5 8	12 46	1 4	1 20	1 7	13 39	1 46	12 46	0 20	17 16	1 38	8 3	9 12	23 44	23 44	11 29			n.a.
T 12	5 26	24 5	0s37	0 22	0 32	12 48	4 57	12 30	1 4	1 26	1 7	13 41	1 46	12 47	0 20	17 15	1 38	8 4	9 12	23 44	23 44	11 27			n.a.
F 13	5 3	23 48	1 40	0n36	0 43	12 54	4 45	12 13	1 4	1 31	1 7	13 43	1 46	12 48	0 20	17 15	1 38	8 4	9 12	23 44	23 44	11 24			n.a.
S 14	4 39	22 24	2 37	1 33	0 55	13 0	4 34	11 56	1 4	1 37	1 7	13 45	1 45	12 49	0 20	17 15	1 38	8 5	9 12	23 44	23 44	11 22			n.a.
S 15	4 16	20 0	3 27	2 29	1 6	13 5	4 23	11 39	1 4	1 43	1 6	13 47	1 45	12 50	0 20	17 15	1 38	8 5	9 12	23 44	23 44	11 20			n.a.
M16	3 53	16 47	4 8	3 24	1 18	13 9	4 12	11 22	1 3	1 48	1 6	13 49	1 45	12 51	0 20	17 15	1 39	8 6	9 11	23 44	23 44	11 17			n.a.
T 17	3 30	12 53	4 37	4 17	1 29	13 13	4 1	11 5	1 3	1 54	1 6	13 51	1 45	12 52	0 20	17 15	1 39	8 6	9 11	23 44	23 44	11 15			n.a.
W18	3 6	8 31	4 55	5 8	1 39	13 16	3 50	10 48	1 3	2 0	1 6	13 53	1 45	12 53	0 20	17 14	1 39	8 6	9 11	23 44	23 44	11 13			n.a.
T 19	2 43	3 48	4 59	5 57	1 49	13 18	3 39	10 31	1 3	2 5	1 6	13 55	1 44	12 54	0 20	17 14	1 39	8 7	9 11	23 44	23 44	11 10			n.a.
F 20	2 19	1n 4	4 51	6 44	1 59	13 20	3 29	10 13	1 3	2 11	1 6	13 57	1 44	12 55	0 20	17 14	1 39	8 7	9 11	23 44	23 44	11 8			n.a.
S 21	1 56	5 56	4 30	7 28	2 8	13 21	3 18	9 56	1 2	2 17	1 6	13 59	1 44	12 56	0 20	17 14	1 39	8 8	9 10	23 44	23 44	11 5			n.a.
S 22	1 33	10 38	3 56	8 11	2 17	13 21	3 8	9 38	1 2	2 22	1 6	14 1	1 44	12 57	0 20	17 14	1 39	8 8	9 10	23 44	23 44	11 3			n.a.
M23	1 9	14 59	3 11	8 50	2 25	13 21	2 58	9 21	1 2	2 28	1 6	14 3	1 44	12 58	0 20	17 13	1 39	8 9	9 10	23 44	23 44	11 0			n.a.
T 24	0 46	18 46	2 16	9 27	2 32	13 20	2 48	9 3	1 2	2 34	1 6	14 5	1 43	12 59	0 20	17 13	1 39	8 9	9 10	23 44	23 44	10 58			n.a.
W25	0 22	21 44	1 13	10 1	2 38	13 18	2 38	8 46	1 1	2 39	1 6	14 8	1 43	13 0	0 20	17 13	1 39	8 10	9 10	23 44	23 44	10 56			n.a.
T 26	0n 1	23 39	0 4	10 33	2 44	13 16	2 28	8 28	1 1	2 45	1 5	14 10	1 43	13 1	0 20	17 13	1 39	8 10	9 9	23 44	23 44	10 53			n.a.
F 27	0 25	24 17	1n 6	11 1	2 48	13 13	2 19	8 10	1 1	2 51	1 5	14 12	1 43	13 2	0 19	17 13	1 39	8 11	9 9	23 44	23 44	10 51			n.a.
S 28	0 48	23 26	2 15	11 27	2 52	13 10	2 10	7 52	1 1	2 56	1 5	14 14	1 43	13 3	0 19	17 12	1 39	8 11	9 9	23 44	23 44	10 48			n.a.
S 29	1 12	21 3	3 17	11 49	2 55	13 6	2 0	7 34	1 0	3 2	1 5	14 16	1 42	13 4	0 19	17 12	1 39	8 11	9 9	23 44	23 44	10 46			n.a.
M30	1 35	17 15	4 9	12 9	2 56	13 1	1 51	7 16	1 0	3 8	1 5	14 18	1 42	13 5	0 19	17 12	1 39	8 12	9 9	23 44	23 44	10 44			n.a.
T 31	1n58	12n17	4n44	12n26	2n57	12s56	1n43	6s59	1s 0	3n13	1s 5	14n21	1s42	13n 6	0s19	17s11	1n39	8n12	9s 8	23n44	23n44	10s41			n.a.

Julian Day Number = 1602410.5, Delta T = 03h58m20s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'14, Lahiri = - 8°27'14 Julian Calendar 1 March 326 BCE == Greg. Calendar 24 Feb. 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

APRIL 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 16 38	5♈51'59	25♍15	25♈20	22♒ 7	15♓33	10♈46	13♉13	5♉14	23°R 8	16♉30	28°R58	29♊21	14♓47	n.a.	W 1
T 2	12 20 35	6°50'00	10♎29	25°52	22°52	16°18	11° 0	13°20	5°17	23♏ 7	16°31	28♊47	29°18	14°54	n.a.	T 2
F 3	12 24 31	7°47'58	25°34	26°19	23°37	17° 4	11°15	13°27	5°20	23° 6	16°32	28°37	29°15	15° 1	n.a.	F 3
S 4	12 28 28	8°45'56	10♏18	26°40	24°24	17°49	11°29	13°34	5°23	23° 5	16°33	28°28	29°11	15° 7	n.a.	S 4
S 5	12 32 24	9°43'51	24°36	26°56	25°11	18°34	11°43	13°41	5°27	23° 4	16°34	28°22	29° 8	15°14	n.a.	S 5
M 6	12 36 21	10°41'46	8♐24	27° 7	25°59	19°19	11°57	13°48	5°30	23° 3	16°36	28°19	29° 5	15°21	n.a.	M 6
T 7	12 40 17	11°39'39	21°43	27°12	26°47	20° 4	12°11	13°55	5°33	23° 2	16°37	28°18	29° 2	15°27	n.a.	T 7
W 8	12 44 14	12°37'31	4♑36	27°R12	27°37	20°49	12°26	14° 2	5°36	23° 1	16°38	28°D18	28°59	15°34	n.a.	W 8
T 9	12 48 10	13°35'21	17° 7	27° 8	28°27	21°33	12°40	14°10	5°40	23° 0	16°39	28°R18	28°55	15°41	n.a.	T 9
F 10	12 52 7	14°33'10	29°20	26°59	29°18	22°18	12°54	14°17	5°43	22°59	16°40	28°17	28°52	15°48	n.a.	F 10
S 11	12 56 3	15°30'58	11♒21	26°45	0♓ 9	23° 3	13° 8	14°24	5°46	22°57	16°42	28°14	28°49	15°54	n.a.	S 11
S 12	13 0 0	16°28'44	23°15	26°27	1° 1	23°48	13°22	14°31	5°50	22°56	16°43	28° 9	28°46	16° 1	n.a.	S 12
M13	13 3 57	17°26'29	5♓ 6	26° 5	1°54	24°32	13°36	14°39	5°53	22°55	16°44	28° 1	28°43	16° 8	n.a.	M13
T 14	13 7 53	18°24'13	16°57	25°39	2°47	25°17	13°51	14°46	5°56	22°54	16°45	27°51	28°40	16°14	n.a.	T 14
W15	13 11 50	19°21'55	28°50	25°11	3°41	26° 2	14° 5	14°53	6° 0	22°52	16°46	27°39	28°36	16°21	n.a.	W15
T 16	13 15 46	20°19'36	10♈48	24°40	4°35	26°46	14°19	15° 1	6° 3	22°51	16°48	27°26	28°33	16°28	n.a.	T 16
F 17	13 19 43	21°17'16	22°53	24° 8	5°30	27°30	14°33	15° 8	6° 7	22°50	16°49	27°14	28°30	16°35	n.a.	F 17
S 18	13 23 39	22°14'54	5♉ 5	23°34	6°25	28°15	14°47	15°16	6°10	22°49	16°50	27° 4	28°27	16°41	n.a.	S 18
S 19	13 27 36	23°12'31	17°25	22°59	7°21	28°59	15° 1	15°23	6°14	22°47	16°52	26°55	28°24	16°48	n.a.	S 19
M20	13 31 32	24°10'06	29°55	22°24	8°17	29°43	15°15	15°31	6°17	22°46	16°53	26°50	28°20	16°55	n.a.	M20
T 21	13 35 29	25° 7'40	12♊36	21°50	9°14	0♈28	15°29	15°38	6°20	22°44	16°54	26°46	28°17	17° 2	n.a.	T 21
W22	13 39 26	26° 5'13	25°30	21°17	10°11	1°12	15°43	15°46	6°24	22°43	16°56	26°D45	28°14	17° 8	n.a.	W22
T 23	13 43 22	27° 2'44	8♋39	20°45	11° 8	1°56	15°57	15°54	6°27	22°42	16°57	26°46	28°11	17°15	n.a.	T 23
F 24	13 47 19	28° 0'14	22° 6	20°16	12° 6	2°40	16°11	16° 1	6°31	22°40	16°58	26°R47	28° 8	17°22	n.a.	F 24
S 25	13 51 15	28°57'42	5♌53	19°49	13° 5	3°24	16°25	16° 9	6°34	22°39	17° 0	26°46	28° 5	17°28	n.a.	S 25
S 26	13 55 12	29°55'09	20° 1	19°25	14° 3	4° 8	16°39	16°17	6°38	22°37	17° 1	26°45	28° 1	17°35	n.a.	S 26
M27	13 59 8	0♉52'34	4♍28	19° 4	15° 2	4°52	16°53	16°24	6°41	22°36	17° 2	26°41	27°58	17°42	n.a.	M27
T 28	14 3 5	1°49'58	19°12	18°48	16° 2	5°36	17° 7	16°32	6°45	22°34	17° 4	26°35	27°55	17°49	n.a.	T 28
W29	14 7 1	2°47'20	4♎ 7	18°35	17° 1	6°19	17°21	16°40	6°48	22°33	17° 5	26°28	27°52	17°55	n.a.	W29
T 30	14 10 58	3♉44'41	19♎ 4	18♈26	18♓ 1	7♈ 3	17♈35	16♉48	6♉52	22♏31	17♉ 6	26♊20	27♊49	18♓ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n21	6n29	5n 0	12n39	2n57	12s50	1n34	6s41	1s 0	3n19	1s 5	14n23	1s42	13n 7	0s19	17s11	1n39	8n13	9s 8	23n44	23n44	10s39		n.a.
T 2	2 45	0 18	4 54	12 50	2 55	12 43	1 25	6 22	0 59	3 25	1 5	14 25	1 42	13 8	0 19	17 11	1 39	8 13	9 8	23 44	23 44	10 36		n.a.
F 3	3 8	5s51	4 28	12 57	2 52	12 36	1 17	6 4	0 59	3 30	1 5	14 27	1 42	13 9	0 19	17 11	1 39	8 14	9 8	23 44	23 44	10 34		n.a.
S 4	3 31	11 32	3 45	13 1	2 49	12 28	1 9	5 46	0 59	3 36	1 5	14 30	1 41	13 11	0 19	17 10	1 39	8 14	9 8	23 44	23 44	10 31		n.a.
S 5	3 54	16 26	2 48	13 2	2 44	12 20	1 1	5 28	0 58	3 42	1 5	14 32	1 41	13 12	0 19	17 10	1 39	8 15	9 8	23 43	23 44	10 29		n.a.
M 6	4 17	20 17	1 43	13 1	2 37	12 11	0 53	5 10	0 58	3 47	1 5	14 34	1 41	13 13	0 19	17 10	1 39	8 15	9 7	23 43	23 44	10 26		n.a.
T 7	4 40	22 54	0 35	12 56	2 30	12 1	0 46	4 52	0 58	3 53	1 5	14 36	1 41	13 14	0 19	17 9	1 39	8 16	9 7	23 43	23 44	10 24		n.a.
W 8	5 3	24 13	0s33	12 48	2 21	11 51	0 38	4 34	0 57	3 59	1 5	14 39	1 41	13 15	0 19	17 9	1 39	8 16	9 7	23 43	23 44	10 21		n.a.
T 9	5 26	24 15	1 38	12 37	2 11	11 41	0 31	4 16	0 57	4 4	1 5	14 41	1 41	13 16	0 19	17 9	1 39	8 17	9 7	23 43	23 44	10 19		n.a.
F 10	5 48	23 6	2 37	12 23	2 0	11 30	0 24	3 57	0 57	4 10	1 5	14 43	1 40	13 17	0 19	17 9	1 39	8 17	9 7	23 43	23 44	10 17		n.a.
S 11	6 11	20 54	3 27	12 7	1 48	11 18	0 17	3 39	0 56	4 16	1 4	14 46	1 40	13 18	0 19	17 8	1 39	8 18	9 7	23 43	23 44	10 14		n.a.
S 12	6 33	17 50	4 8	11 48	1 35	11 6	0 10	3 21	0 56	4 21	1 4	14 48	1 40	13 20	0 19	17 8	1 40	8 18	9 7	23 43	23 44	10 12		n.a.
M13	6 56	14 4	4 38	11 27	1 21	10 53	0 3	3 3	0 56	4 27	1 4	14 50	1 40	13 21	0 19	17 8	1 40	8 19	9 6	23 43	23 44	10 9		n.a.
T 14	7 18	9 45	4 56	11 4	1 7	10 40	0s 3	2 44	0 55	4 32	1 4	14 53	1 40	13 22	0 19	17 7	1 40	8 19	9 6	23 43	23 44	10 7		n.a.
W15	7 40	5 4	5 1	10 39	0 51	10 26	0 10	2 26	0 55	4 38	1 4	14 55	1 40	13 23	0 19	17 7	1 40	8 19	9 6	23 43	23 44	10 4		n.a.
T 16	8 2	0 10	4 54	10 13	0 35	10 12	0 16	2 8	0 54	4 44	1 4	14 57	1 40	13 24	0 19	17 6	1 40	8 20	9 6	23 43	23 44	10 2		n.a.
F 17	8 24	4n48	4 32	9 45	0 18	9 57	0 22	1 50	0 54	4 49	1 4	15 0	1 39	13 25	0 19	17 6	1 40	8 20	9 6	23 42	23 44	9 59		n.a.
S 18	8 46	9 38	3 59	9 17	0 1	9 42	0 28	1 31	0 54	4 55	1 4	15 2	1 39	13 26	0 19	17 6	1 40	8 21	9 6	23 42	23 44	9 57		n.a.
S 19	9 8	14 9	3 13	8 48	0s16	9 26	0 33	1 13	0 53	5 0	1 4	15 4	1 39	13 28	0 19	17 5	1 40	8 21	9 6	23 42	23 44	9 54		n.a.
M20	9 29	18 8	2 18	8 19	0 33	9 10	0 39	0 55	0 53	5 6	1 4	15 7	1 39	13 29	0 19	17 5	1 40	8 22	9 5	23 42	23 43	9 52		n.a.
T 21	9 50	21 21	1 15	7 50	0 50	8 53	0 44	0 37	0 52	5 11	1 4	15 9	1 39	13 30	0 19	17 5	1 40	8 22	9 5	23 42	23 43	9 49		n.a.
W22	10 12	23 33	0 7	7 22	1 7	8 36	0 49	0 19	0 52	5 17	1 4	15 11	1 39	13 31	0 19	17 4	1 40	8 23	9 5	23 42	23 43	9 47		n.a.
T 23	10 33	24 30	1n 3	6 55	1 23	8 19	0 54	0 1	0 52	5 22	1 4	15 13	1 39	13 32	0 19	17 4	1 40	8 23	9 5	23 42	23 43	9 44		n.a.
F 24	10 54	24 3	2 11	6 29	1 39	8 1	0 59	0n18	0 51	5 28	1 4	15 16	1 39	13 33	0 19	17 4	1 40	8 24	9 5	23 42	23 43	9 42		n.a.
S 25	11 14	22 9	3 13	6 5	1 54	7 43	1 4	0 36	0 51	5 33	1 4	15 18	1 38	13 35	0 19	17 3	1 40	8 24	9 5	23 42	23 43	9 39		n.a.
S 26	11 35	18 52	4 5	5 43	2 8	7 24	1 9	0 54	0 50	5 38	1 4	15 20	1 38	13 36	0 19	17 3	1 40	8 25	9 5	23 42	23 43	9 37		n.a.
M27	11 55	14 22	4 43	5 23	2 21	7 5	1 13	1 12	0 50	5 44	1 4	15 23	1 38	13 37	0 19	17 2	1 40	8 25	9 5	23 42	23 43	9 34		n.a.
T 28	12 15	8 57	5 3	5 5	2 34	6 46	1 17	1 30	0 49	5 49	1 4	15 25	1 38	13 38	0 19	17 2	1 40	8 26	9 5	23 41	23 43	9 32		n.a.
W29	12 35	2 58	5 3	4 50	2 45	6 26	1 21	1 48	0 49	5 55	1 4	15 27	1 38	13 39	0 19	17 2	1 40	8 26	9 5	23 41	23 43	9 29		n.a.
T 30	12n55	3s13	4n42	4n37	2s55	6s 6	1s25	2n 5	0s49	6n 0	1s 4	15n30	1s38	13n40	0s19	17s 1	1n40	8n27	9s 4	23n41	23n43	9s26		n.a.

Julian Day Number = 1602441.5, Delta T = 03h58m19s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'10, Lahiri = - 8°27'09 Julian Calendar 1 Apr. 326 BCE == Greg. Calendar 27 March 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

MAY 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 14 55	4♉42'02	3♏54	18°D22	19♓ 2	7♈47	17♈49	16♉55	6♉55	22°R30	17♉ 8	26°R12	27♊46	18♓ 9	n.a.	F 1
S 2	14 18 51	5°39'21	18°30	18♈22	20° 2	8°30	18° 3	17° 3	6°59	22♏28	17° 9	26♊ 6	27°42	18°15	n.a.	S 2
S 3	14 22 48	6°36'39	2♐44	18°27	21° 3	9°14	18°16	17°11	7° 2	22°27	17°10	26° 2	27°39	18°22	n.a.	S 3
M 4	14 26 44	7°33'57	16°32	18°36	22° 5	9°57	18°30	17°19	7° 6	22°25	17°12	26° 0	27°36	18°29	n.a.	M 4
T 5	14 30 41	8°31'14	29°54	18°50	23° 6	10°41	18°44	17°27	7° 9	22°24	17°13	25°D59	27°33	18°36	n.a.	T 5
W 6	14 34 37	9°28'30	12♑50	19° 8	24° 8	11°24	18°58	17°34	7°13	22°22	17°15	26° 0	27°30	18°42	n.a.	W 6
T 7	14 38 34	10°25'46	25°25	19°30	25°10	12° 7	19°11	17°42	7°16	22°21	17°16	26° 2	27°26	18°49	n.a.	T 7
F 8	14 42 30	11°23'02	7♒41	19°57	26°13	12°51	19°25	17°50	7°20	22°19	17°17	26°R 3	27°23	18°56	n.a.	F 8
S 9	14 46 27	12°20'16	19°45	20°29	27°15	13°34	19°38	17°58	7°23	22°17	17°19	26° 2	27°20	19° 3	n.a.	S 9
S 10	14 50 24	13°17'30	1♓40	21° 4	28°18	14°17	19°52	18° 6	7°27	22°16	17°20	26° 0	27°17	19° 9	n.a.	S 10
M11	14 54 20	14°14'44	13°32	21°44	29°21	15° 0	20° 6	18°14	7°30	22°14	17°22	25°57	27°14	19°16	n.a.	M11
T 12	14 58 17	15°11'57	25°25	22°27	0♈25	15°43	20°19	18°22	7°34	22°13	17°23	25°52	27°11	19°23	n.a.	T 12
W13	15 2 13	16° 9'10	7♈22	23°15	1°28	16°26	20°32	18°30	7°37	22°11	17°24	25°45	27° 7	19°29	n.a.	W13
T 14	15 6 10	17° 6'23	19°26	24° 6	2°32	17° 9	20°46	18°38	7°41	22° 9	17°26	25°38	27° 4	19°36	n.a.	T 14
F 15	15 10 6	18° 3'35	1♉39	25° 2	3°36	17°52	20°59	18°45	7°44	22° 8	17°27	25°32	27° 1	19°43	n.a.	F 15
S 16	15 14 3	19° 0'46	14° 3	26° 1	4°40	18°35	21°12	18°53	7°48	22° 6	17°29	25°26	26°58	19°50	n.a.	S 16
S 17	15 17 59	19°57'57	26°38	27° 3	5°45	19°17	21°26	19° 1	7°51	22° 5	17°30	25°21	26°55	19°56	n.a.	S 17
M18	15 21 56	20°55'08	9♊26	28° 9	6°49	20° 0	21°39	19° 9	7°55	22° 3	17°31	25°19	26°52	20° 3	n.a.	M18
T 19	15 25 53	21°52'18	22°26	29°19	7°54	20°43	21°52	19°17	7°58	22° 1	17°33	25°D17	26°48	20°10	n.a.	T 19
W20	15 29 49	22°49'28	5♋38	0♉32	8°59	21°25	22° 5	19°25	8° 2	22° 0	17°34	25°18	26°45	20°16	n.a.	W20
T 21	15 33 46	23°46'37	19° 3	1°49	10° 4	22° 8	22°18	19°33	8° 5	21°58	17°36	25°19	26°42	20°23	n.a.	T 21
F 22	15 37 42	24°43'45	2♌42	3° 9	11°10	22°50	22°31	19°41	8° 8	21°57	17°37	25°21	26°39	20°30	n.a.	F 22
S 23	15 41 39	25°40'53	16°33	4°32	12°15	23°32	22°44	19°49	8°12	21°55	17°38	25°22	26°36	20°37	n.a.	S 23
S 24	15 45 35	26°38'01	0♍38	5°59	13°21	24°15	22°57	19°56	8°15	21°53	17°40	25°R22	26°32	20°43	n.a.	S 24
M25	15 49 32	27°35'07	14°55	7°29	14°26	24°57	23°10	20° 4	8°19	21°52	17°41	25°21	26°29	20°50	n.a.	M25
T 26	15 53 29	28°32'13	29°20	9° 3	15°32	25°39	23°23	20°12	8°22	21°50	17°42	25°19	26°26	20°57	n.a.	T 26
W27	15 57 25	29°29'19	13♎51	10°39	16°39	26°21	23°35	20°20	8°25	21°48	17°44	25°16	26°23	21° 4	n.a.	W27
T 28	16 1 22	0♊26'24	28°22	12°19	17°45	27° 3	23°48	20°28	8°29	21°47	17°45	25°12	26°20	21°10	n.a.	T 28
F 29	16 5 18	1°23'29	12♏47	14° 1	18°51	27°45	24° 1	20°36	8°32	21°45	17°47	25° 9	26°17	21°17	n.a.	F 29
S 30	16 9 15	2°20'34	27° 1	15°47	19°58	28°27	24°13	20°43	8°35	21°44	17°48	25° 7	26°13	21°24	n.a.	S 30
S 31	16 13 11	3♊17'39	10♐58	17♉36	21♈ 4	29♈ 9	24♈26	20♉51	8♉38	21♏42	17♉49	25♊ 5	26♊10	21♓30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n15	9s10	4n 2	4n27	3s 4	5s45	1s29	2n23	0s48	6n 5	1s 4	15n32	1s38	13n42	0s19	17s 1	1n40	8n27	9s 4	23n41	23n43	9s24		n.a.
S 2	13 34	14 33	3 7	4 20	3 12	5 25	1 33	2 41	0 48	6 11	1 4	15 34	1 38	13 43	0 19	17 0	1 40	8 27	9 4	23 41	23 43	9 21		n.a.
S 3	13 53	18 58	2 2	4 15	3 19	5 4	1 36	2 59	0 47	6 16	1 4	15 37	1 38	13 44	0 19	17 0	1 40	8 28	9 4	23 40	23 43	9 19		n.a.
M 4	14 12	22 12	0 51	4 13	3 25	4 42	1 40	3 17	0 47	6 21	1 4	15 39	1 38	13 45	0 19	17 0	1 40	8 28	9 4	23 40	23 43	9 16		n.a.
T 5	14 31	24 5	0s21	4 14	3 30	4 21	1 43	3 34	0 46	6 27	1 4	15 41	1 37	13 46	0 19	16 59	1 40	8 29	9 4	23 40	23 43	9 14		n.a.
W 6	14 50	24 36	1 30	4 17	3 34	3 59	1 46	3 52	0 46	6 32	1 4	15 44	1 37	13 47	0 19	16 59	1 40	8 29	9 4	23 40	23 43	9 11		n.a.
T 7	15 8	23 49	2 32	4 23	3 37	3 36	1 49	4 9	0 45	6 37	1 4	15 46	1 37	13 49	0 19	16 58	1 40	8 30	9 4	23 40	23 43	9 9		n.a.
F 8	15 26	21 53	3 26	4 32	3 38	3 14	1 52	4 27	0 45	6 42	1 4	15 48	1 37	13 50	0 19	16 58	1 40	8 30	9 4	23 40	23 43	9 6		n.a.
S 9	15 44	19 1	4 10	4 43	3 39	2 51	1 55	4 44	0 44	6 47	1 4	15 51	1 37	13 51	0 19	16 58	1 40	8 31	9 4	23 40	23 42	9 4		n.a.
S 10	16 1	15 23	4 42	4 57	3 39	2 28	1 57	5 2	0 44	6 53	1 4	15 53	1 37	13 52	0 19	16 57	1 40	8 31	9 4	23 40	23 42	9 1		n.a.
M11	16 19	11 11	5 2	5 13	3 38	2 5	2 0	5 19	0 43	6 58	1 4	15 55	1 37	13 53	0 19	16 57	1 40	8 31	9 4	23 40	23 42	8 58		n.a.
T 12	16 36	6 34	5 9	5 31	3 36	1 42	2 2	5 36	0 43	7 3	1 4	15 57	1 37	13 54	0 19	16 56	1 40	8 32	9 4	23 40	23 42	8 56		n.a.
W13	16 52	1 40	5 3	5 51	3 33	1 18	2 4	5 53	0 42	7 8	1 4	16 0	1 37	13 56	0 19	16 56	1 40	8 32	9 4	23 40	23 42	8 53		n.a.
T 14	17 9	3n20	4 43	6 13	3 29	0 54	2 6	6 11	0 42	7 13	1 4	16 2	1 37	13 57	0 19	16 55	1 40	8 33	9 4	23 40	23 42	8 51		n.a.
F 15	17 25	8 17	4 10	6 38	3 25	0 30	2 8	6 28	0 41	7 18	1 4	16 4	1 37	13 58	0 19	16 55	1 40	8 33	9 3	23 39	23 42	8 48		n.a.
S 16	17 41	12 59	3 25	7 4	3 20	0 6	2 10	6 45	0 41	7 23	1 4	16 6	1 37	13 59	0 19	16 55	1 40	8 34	9 3	23 39	23 42	8 46		n.a.
S 17	17 57	17 13	2 30	7 32	3 14	0n18	2 12	7 1	0 40	7 28	1 4	16 9	1 37	14 0	0 19	16 54	1 40	8 34	9 3	23 39	23 42	8 43		n.a.
M18	18 12	20 44	1 25	8 2	3 8	0 43	2 13	7 18	0 39	7 33	1 4	16 11	1 36	14 1	0 19	16 54	1 40	8 34	9 3	23 39	23 42	8 40		n.a.
T 19	18 28	23 15	0 16	8 33	3 1	1 7	2 14	7 35	0 39	7 38	1 4	16 13	1 36	14 2	0 19	16 53	1 40	8 35	9 3	23 39	23 42	8 38		n.a.
W20	18 42	24 33	0n56	9 6	2 53	1 32	2 16	7 52	0 38	7 43	1 4	16 15	1 36	14 4	0 19	16 53	1 40	8 35	9 3	23 39	23 42	8 35		n.a.
T 21	18 57	24 27	2 6	9 41	2 45	1 57	2 17	8 8	0 38	7 48	1 4	16 17	1 36	14 5	0 19	16 53	1 40	8 36	9 3	23 39	23 42	8 33		n.a.
F 22	19 11	22 53	3 10	10 16	2 36	2 21	2 18	8 25	0 37	7 53	1 4	16 20	1 36	14 6	0 19	16 52	1 40	8 36	9 3	23 39	23 42	8 30		n.a.
S 23	19 25	19 57	4 4	10 54	2 27	2 46	2 19	8 41	0 37	7 57	1 4	16 22	1 36	14 7	0 19	16 52	1 40	8 36	9 3	23 39	23 41	8 27		n.a.
S 24	19 39	15 48	4 45	11 32	2 17	3 11	2 20	8 57	0 36	8 2	1 4	16 24	1 36	14 8	0 19	16 51	1 40	8 37	9 3	23 39	23 41	8 25		n.a.
M25	19 52	10 44	5 8	12 11	2 7	3 37	2 20	9 13	0 36	8 7	1 4	16 26	1 36	14 9	0 19	16 51	1 40	8 37	9 3	23 39	23 41	8 22		n.a.
T 26	20 5	5 2	5 12	12 51	1 56	4 2	2 21	9 29	0 35	8 12	1 4	16 28	1 36	14 10	0 19	16 51	1 40	8 38	9 3	23 39	23 41	8 20		n.a.
W27	20 17	0s59	4 57	13 32	1 46	4 27	2 21	9 45	0 34	8 16	1 4	16 31	1 36	14 11	0 19	16 50	1 40	8 38	9 3	23 39	23 41	8 17		n.a.
T 28	20 30	6 56	4 23	14 13	1 35	4 52	2 22	10 1	0 34	8 21	1 5	16 33	1 36	14 12	0 19	16 50	1 40	8 38	9 3	23 39	23 41	8 14		n.a.
F 29	20 42	12 30	3 32	14 55	1 23	5 17	2 22	10 17	0 33	8 26	1 5	16 35	1 36	14 13	0 19	16 49	1 40	8 39	9 3	23 39	23 41	8 12		n.a.
S 30	20 53	17 20	2 28	15 38	1 12	5 43	2 22	10 33	0 33	8 30	1 5	16 37	1 36	14 15	0 19	16 49	1 40	8 39	9 3	23 39	23 41	8 9		n.a.
S 31	21n 4	21s 6	1n17	16n20	1s 0	6n 8	2s22	10n48	0s32	8n35	1s 5	16n39	1s36	14n16	0s19	16s49	1n40	8n39	9s 3	23n39	23n41	8s 6		n.a.

Julian Day Number = 1602471.5, Delta T = 03h58m18s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'06, Lahiri = - 8°27'05 Julian Calendar 1 May 326 BCE == Greg. Calendar 26 Apr. 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

JUNE 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 17 8	4♊14'44	24♐36	19♉27	22♈11	29♈51	24♈38	20♉59	8♉42	21°R41	17♉51	25°D 4	26♊ 7	21♓37	n.a.	M 1
T 2	16 21 4	5°11'50	7♑52	21°22	23°18	0♉32	24°50	21° 7	8°45	21♏39	17°52	25♊ 5	26° 4	21°44	n.a.	T 2
W 3	16 25 1	6° 8'55	20°47	23°18	24°25	1°14	25° 3	21°15	8°48	21°37	17°53	25° 6	26° 1	21°51	n.a.	W 3
T 4	16 28 58	7° 6'01	3♒22	25°18	25°33	1°56	25°15	21°22	8°51	21°36	17°55	25° 7	25°58	21°57	n.a.	T 4
F 5	16 32 54	8° 3'07	15°41	27°19	26°40	2°37	25°27	21°30	8°55	21°34	17°56	25° 9	25°54	22° 4	n.a.	F 5
S 6	16 36 51	9° 0'13	27°47	29°22	27°48	3°19	25°39	21°38	8°58	21°33	17°57	25°10	25°51	22°11	n.a.	S 6
S 7	16 40 47	9°57'20	9♓44	1♊27	28°55	4° 0	25°51	21°45	9° 1	21°31	17°59	25°R10	25°48	22°18	n.a.	S 7
M 8	16 44 44	10°54'27	21°38	3°34	0♉ 3	4°42	26° 3	21°53	9° 4	21°30	18° 0	25°10	25°45	22°24	n.a.	M 8
T 9	16 48 40	11°51'35	3♈32	5°41	1°11	5°23	26°15	22° 1	9° 7	21°28	18° 1	25° 9	25°42	22°31	n.a.	T 9
W10	16 52 37	12°48'43	15°31	7°50	2°19	6° 4	26°27	22° 8	9°10	21°27	18° 3	25° 7	25°38	22°38	n.a.	W10
T 11	16 56 33	13°45'52	27°39	9°59	3°27	6°45	26°38	22°16	9°13	21°25	18° 4	25° 6	25°35	22°44	n.a.	T 11
F 12	17 0 30	14°43'02	9♉59	12° 8	4°35	7°26	26°50	22°23	9°16	21°24	18° 5	25° 4	25°32	22°51	n.a.	F 12
S 13	17 4 27	15°40'12	22°34	14°17	5°44	8° 7	27° 1	22°31	9°19	21°22	18° 6	25° 3	25°29	22°58	n.a.	S 13
S 14	17 8 23	16°37'22	5♊25	16°25	6°52	8°48	27°13	22°38	9°22	21°21	18° 8	25° 2	25°26	23° 5	n.a.	S 14
M15	17 12 20	17°34'34	18°31	18°34	8° 1	9°29	27°24	22°46	9°25	21°20	18° 9	25°D 2	25°23	23°11	n.a.	M15
T 16	17 16 16	18°31'45	1♋54	20°41	9° 9	10°10	27°35	22°53	9°28	21°18	18°10	25° 2	25°19	23°18	n.a.	T 16
W17	17 20 13	19°28'58	15°31	22°48	10°18	10°51	27°47	23° 1	9°31	21°17	18°11	25° 2	25°16	23°25	n.a.	W17
T 18	17 24 9	20°26'11	29°21	24°53	11°27	11°32	27°58	23° 8	9°34	21°15	18°13	25° 3	25°13	23°32	n.a.	T 18
F 19	17 28 6	21°23'24	13♌20	26°57	12°36	12°12	28° 9	23°15	9°37	21°14	18°14	25° 3	25°10	23°38	n.a.	F 19
S 20	17 32 3	22°20'37	27°28	29° 0	13°45	12°53	28°20	23°22	9°39	21°13	18°15	25° 3	25° 7	23°45	n.a.	S 20
S 21	17 35 59	23°17'51	11♍40	1♋ 1	14°54	13°34	28°30	23°30	9°42	21°11	18°16	25° 3	25° 4	23°52	n.a.	S 21
M22	17 39 56	24°15'05	25°54	3° 1	16° 3	14°14	28°41	23°37	9°45	21°10	18°17	25°R 3	25° 0	23°58	n.a.	M22
T 23	17 43 52	25°12'19	10♎ 9	4°59	17°13	14°54	28°52	23°44	9°48	21° 9	18°19	25°D 3	24°57	24° 5	n.a.	T 23
W24	17 47 49	26° 9'34	24°20	6°56	18°22	15°35	29° 2	23°51	9°50	21° 8	18°20	25° 3	24°54	24°12	n.a.	W24
T 25	17 51 45	27° 6'50	8♏26	8°51	19°32	16°15	29°13	23°58	9°53	21° 6	18°21	25° 4	24°51	24°19	n.a.	T 25
F 26	17 55 42	28° 4'06	22°23	10°44	20°41	16°55	29°23	24° 5	9°56	21° 5	18°22	25° 4	24°48	24°25	n.a.	F 26
S 27	17 59 38	29° 1'23	6♐10	12°35	21°51	17°35	29°33	24°12	9°58	21° 4	18°23	25° 4	24°44	24°32	n.a.	S 27
S 28	18 3 35	29°58'41	19°43	14°25	23° 1	18°15	29°43	24°19	10° 1	21° 3	18°24	25°R 4	24°41	24°39	n.a.	S 28
M29	18 7 32	0♋55'59	3♑ 2	16°14	24°11	18°55	29°53	24°26	10° 3	21° 2	18°25	25° 4	24°38	24°45	n.a.	M29
T 30	18 11 28	1♋53'19	16♑ 4	18♋ 0	25♉21	19♉35	0♉ 3	24♉33	10♉ 6	21♏ 0	18♉26	25♊ 4	24♊35	24♓52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n15	23s35	0n 3	17n 2	0s48	6n33	2s22	11n 4	0s31	8n39	1s 5	16n41	1s36	14n17	0s19	16s48	1n40	8n40	9s 3	23n39	23n41	8s 4		n.a.
T 2	21 26	24 40	1s10	17 44	0 36	6 58	2 22	11 19	0 31	8 44	1 5	16 43	1 36	14 18	0 19	16 48	1 40	8 40	9 3	23 39	23 41	8 1		n.a.
W 3	21 36	24 22	2 17	18 26	0 25	7 23	2 21	11 34	0 30	8 48	1 5	16 45	1 36	14 19	0 19	16 47	1 40	8 40	9 3	23 39	23 40	7 59		n.a.
T 4	21 46	22 49	3 16	19 7	0 13	7 48	2 21	11 50	0 30	8 53	1 5	16 47	1 36	14 20	0 19	16 47	1 40	8 41	9 3	23 39	23 40	7 56		n.a.
F 5	21 55	20 12	4 4	19 46	0 2	8 14	2 21	12 5	0 29	8 57	1 5	16 49	1 36	14 21	0 19	16 47	1 40	8 41	9 3	23 39	23 40	7 53		n.a.
S 6	22 4	16 46	4 41	20 25	0n 9	8 38	2 20	12 20	0 28	9 2	1 5	16 51	1 36	14 22	0 19	16 46	1 40	8 41	9 3	23 39	23 40	7 51		n.a.
S 7	22 13	12 42	5 4	21 2	0 20	9 3	2 19	12 34	0 28	9 6	1 5	16 53	1 36	14 23	0 19	16 46	1 40	8 42	9 3	23 39	23 40	7 48		n.a.
M 8	22 21	8 10	5 15	21 37	0 30	9 28	2 19	12 49	0 27	9 10	1 5	16 55	1 36	14 24	0 19	16 46	1 40	8 42	9 3	23 39	23 40	7 45		n.a.
T 9	22 29	3 21	5 12	22 11	0 40	9 53	2 18	13 4	0 27	9 15	1 5	16 57	1 36	14 25	0 19	16 45	1 40	8 42	9 3	23 39	23 40	7 43		n.a.
W10	22 37	1n38	4 56	22 42	0 50	10 17	2 17	13 18	0 26	9 19	1 5	16 59	1 36	14 26	0 19	16 45	1 40	8 43	9 3	23 39	23 40	7 40		n.a.
T 11	22 44	6 38	4 26	23 11	0 59	10 42	2 16	13 32	0 25	9 23	1 5	17 1	1 36	14 27	0 19	16 44	1 40	8 43	9 4	23 39	23 40	7 37		n.a.
F 12	22 51	11 27	3 44	23 38	1 7	11 6	2 15	13 47	0 25	9 27	1 5	17 3	1 36	14 28	0 19	16 44	1 39	8 43	9 4	23 39	23 40	7 35		n.a.
S 13	22 57	15 54	2 50	24 2	1 14	11 30	2 13	14 1	0 24	9 31	1 5	17 5	1 36	14 29	0 19	16 44	1 39	8 44	9 4	23 38	23 39	7 32		n.a.
S 14	23 3	19 43	1 46	24 23	1 21	11 54	2 12	14 15	0 23	9 35	1 6	17 7	1 36	14 30	0 19	16 43	1 39	8 44	9 4	23 38	23 39	7 29		n.a.
M15	23 9	22 38	0 36	24 41	1 27	12 18	2 11	14 28	0 23	9 39	1 6	17 9	1 36	14 31	0 19	16 43	1 39	8 44	9 4	23 38	23 39	7 27		n.a.
T 16	23 14	24 21	0n38	24 57	1 33	12 41	2 9	14 42	0 22	9 43	1 6	17 11	1 36	14 32	0 19	16 43	1 39	8 45	9 4	23 38	23 39	7 24		n.a.
W17	23 19	24 39	1 51	25 10	1 38	13 4	2 8	14 56	0 21	9 47	1 6	17 13	1 36	14 32	0 19	16 42	1 39	8 45	9 4	23 38	23 39	7 21		n.a.
T 18	23 23	23 27	2 59	25 20	1 42	13 27	2 6	15 9	0 21	9 51	1 6	17 15	1 36	14 33	0 19	16 42	1 39	8 45	9 4	23 38	23 39	7 19		n.a.
F 19	23 27	20 48	3 57	25 27	1 45	13 50	2 4	15 22	0 20	9 55	1 6	17 16	1 36	14 34	0 19	16 42	1 39	8 45	9 4	23 38	23 39	7 16		n.a.
S 20	23 31	16 53	4 41	25 31	1 48	14 13	2 3	15 35	0 19	9 59	1 6	17 18	1 36	14 35	0 19	16 41	1 39	8 46	9 4	23 38	23 39	7 13		n.a.
S 21	23 34	12 1	5 8	25 33	1 49	14 35	2 1	15 48	0 19	10 3	1 6	17 20	1 36	14 36	0 19	16 41	1 39	8 46	9 4	23 38	23 38	7 11		n.a.
M22	23 36	6 29	5 17	25 33	1 51	14 57	1 59	16 1	0 18	10 7	1 6	17 22	1 36	14 37	0 19	16 41	1 39	8 46	9 4	23 38	23 38	7 8		n.a.
T 23	23 39	0 37	5 6	25 30	1 51	15 19	1 57	16 14	0 17	10 10	1 6	17 24	1 36	14 38	0 19	16 40	1 39	8 46	9 4	23 38	23 38	7 5		n.a.
W24	23 41	5s16	4 36	25 24	1 51	15 40	1 55	16 26	0 17	10 14	1 6	17 25	1 36	14 39	0 19	16 40	1 39	8 47	9 4	23 38	23 38	7 3		n.a.
T 25	23 42	10 51	3 51	25 16	1 50	16 1	1 53	16 39	0 16	10 18	1 6	17 27	1 36	14 40	0 19	16 40	1 39	8 47	9 4	23 38	23 38	7 0		n.a.
F 26	23 43	15 50	2 51	25 7	1 49	16 22	1 51	16 51	0 15	10 21	1 7	17 29	1 36	14 40	0 19	16 40	1 39	8 47	9 4	23 38	23 38	6 57		n.a.
S 27	23 44	19 55	1 43	24 55	1 47	16 42	1 49	17 3	0 15	10 25	1 7	17 31	1 36	14 41	0 19	16 39	1 39	8 47	9 5	23 38	23 38	6 55		n.a.
S 28	23 44	22 50	0 30	24 41	1 45	17 3	1 46	17 15	0 14	10 28	1 7	17 32	1 36	14 42	0 19	16 39	1 39	8 47	9 5	23 38	23 38	6 52		n.a.
M29	23 44	24 26	0s44	24 25	1 42	17 22	1 44	17 27	0 13	10 32	1 7	17 34	1 36	14 43	0 19	16 39	1 39	8 48	9 5	23 38	23 37	6 49		n.a.
T 30	23n43	24s38	1s54	24n 8	1n39	17n42	1s42	17n39	0s13	10n35	1s 7	17n36	1s36	14n44	0s19	16s39	1n39	8n48	9s 5	23n38	23n37	6s46		n.a.

Julian Day Number = 1602502.5, Delta T = 03h58m17s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°34'02, Lahiri = - 8°27'01 Julian Calendar 1 June 326 BCE == Greg. Calendar 27 May 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

JULY 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 15 25	2♋50'39	28♉50	19♋45	26♉31	20♉15	0♉13	24♉40	10♉ 8	20°R59	18♉28	25°R 3	24♊32	24♓59	n.a.	W 1
T 2	18 19 21	3°48'01	11♒20	21°28	27°41	20°55	0°22	24°47	10°11	20♏58	18°29	25♊ 2	24°29	25° 6	n.a.	T 2
F 3	18 23 18	4°45'24	23°37	23°10	28°51	21°35	0°32	24°53	10°13	20°57	18°30	25° 1	24°25	25°12	n.a.	F 3
S 4	18 27 14	5°42'48	5♓42	24°50	0♊ 2	22°14	0°41	25° 0	10°15	20°56	18°31	25° 0	24°22	25°19	n.a.	S 4
S 5	18 31 11	6°40'14	17°40	26°28	1°12	22°54	0°51	25° 7	10°18	20°55	18°32	24°59	24°19	25°26	n.a.	S 5
M 6	18 35 7	7°37'40	29°33	28° 5	2°23	23°34	1° 0	25°13	10°20	20°54	18°33	24°58	24°16	25°33	n.a.	M 6
T 7	18 39 4	8°35'08	11♈28	29°40	3°33	24°13	1° 9	25°20	10°22	20°53	18°34	24°D58	24°13	25°39	n.a.	T 7
W 8	18 43 1	9°32'38	23°27	1♌14	4°44	24°52	1°18	25°26	10°24	20°52	18°35	24°58	24°10	25°46	n.a.	W 8
T 9	18 46 57	10°30'09	5♉36	2°45	5°55	25°32	1°27	25°33	10°26	20°51	18°35	24°59	24° 6	25°53	n.a.	T 9
F 10	18 50 54	11°27'42	17°58	4°16	7° 6	26°11	1°35	25°39	10°28	20°50	18°36	25° 0	24° 3	25°59	n.a.	F 10
S 11	18 54 50	12°25'16	0♊39	5°44	8°16	26°50	1°44	25°45	10°31	20°50	18°37	25° 2	24° 0	26° 6	n.a.	S 11
S 12	18 58 47	13°22'52	13°39	7°11	9°27	27°29	1°53	25°51	10°33	20°49	18°38	25° 3	23°57	26°13	n.a.	S 12
M13	19 2 43	14°20'29	27° 1	8°36	10°39	28° 8	2° 1	25°58	10°35	20°48	18°39	25°R 3	23°54	26°20	n.a.	M13
T 14	19 6 40	15°18'08	10♋45	10° 0	11°50	28°47	2° 9	26° 4	10°36	20°47	18°40	25° 2	23°50	26°26	n.a.	T 14
W15	19 10 36	16°15'48	24°47	11°21	13° 1	29°26	2°17	26°10	10°38	20°46	18°41	25° 1	23°47	26°33	n.a.	W15
T 16	19 14 33	17°13'29	9♌ 4	12°41	14°12	0♊ 5	2°25	26°16	10°40	20°46	18°42	24°58	23°44	26°40	n.a.	T 16
F 17	19 18 30	18°11'12	23°32	14° 0	15°24	0°44	2°33	26°22	10°42	20°45	18°42	24°55	23°41	26°47	n.a.	F 17
S 18	19 22 26	19° 8'56	8♍ 3	15°16	16°35	1°23	2°40	26°27	10°44	20°44	18°43	24°52	23°38	26°53	n.a.	S 18
S 19	19 26 23	20° 6'41	22°33	16°30	17°47	2° 1	2°48	26°33	10°46	20°44	18°44	24°49	23°35	27° 0	n.a.	S 19
M20	19 30 19	21° 4'27	6♎56	17°42	18°58	2°40	2°55	26°39	10°47	20°43	18°45	24°47	23°31	27° 7	n.a.	M20
T 21	19 34 16	22° 2'15	21° 9	18°53	20°10	3°18	3° 2	26°45	10°49	20°43	18°45	24°D47	23°28	27°13	n.a.	T 21
W22	19 38 12	23° 0'04	5♏10	20° 1	21°22	3°57	3° 9	26°50	10°50	20°42	18°46	24°47	23°25	27°20	n.a.	W22
T 23	19 42 9	23°57'54	18°58	21° 6	22°34	4°35	3°16	26°56	10°52	20°41	18°47	24°49	23°22	27°27	n.a.	T 23
F 24	19 46 5	24°55'45	2♐33	22°10	23°46	5°13	3°23	27° 1	10°53	20°41	18°48	24°50	23°19	27°34	n.a.	F 24
S 25	19 50 2	25°53'38	15°54	23°11	24°57	5°51	3°30	27° 6	10°55	20°41	18°48	24°51	23°15	27°40	n.a.	S 25
S 26	19 53 59	26°51'33	29° 3	24° 9	26°10	6°29	3°36	27°12	10°56	20°40	18°49	24°R51	23°12	27°47	n.a.	S 26
M27	19 57 55	27°49'29	11♑59	25° 5	27°22	7° 7	3°42	27°17	10°58	20°40	18°49	24°50	23° 9	27°54	n.a.	M27
T 28	20 1 52	28°47'27	24°43	25°57	28°34	7°45	3°49	27°22	10°59	20°39	18°50	24°47	23° 6	28° 1	n.a.	T 28
W29	20 5 48	29°45'26	7♒16	26°47	29°46	8°23	3°54	27°27	11° 0	20°39	18°51	24°43	23° 3	28° 7	n.a.	W29
T 30	20 9 45	0♌43'27	19°37	27°33	0♋58	9° 1	4° 0	27°32	11° 1	20°39	18°51	24°37	23° 0	28°14	n.a.	T 30
F 31	20 13 41	1♌41'30	1♓47	28♌16	2♋11	9♊39	4♉ 6	27♉37	11♉ 3	20♏38	18♉52	24♊30	22♊56	28♓21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n42	23s31	2s56	23n49	1n35	18n 0	1s39	17n50	0s12	10n38	1s 7	17n37	1s36	14n44	0s19	16s38	1n39	8n48	9s 5	23n38	23n37	6s44		n.a.
T 2	23 41	21 15	3 49	23 29	1 30	18 19	1 37	18 2	0 11	10 42	1 7	17 39	1 36	14 45	0 19	16 38	1 39	8 48	9 5	23 38	23 37	6 41		n.a.
F 3	23 39	18 3	4 30	23 7	1 26	18 37	1 34	18 13	0 10	10 45	1 7	17 40	1 36	14 46	0 19	16 38	1 39	8 48	9 5	23 38	23 37	6 38		n.a.
S 4	23 37	14 8	4 58	22 45	1 20	18 55	1 32	18 24	0 10	10 48	1 7	17 42	1 36	14 47	0 19	16 38	1 39	8 49	9 5	23 38	23 37	6 36		n.a.
S 5	23 34	9 44	5 13	22 20	1 15	19 12	1 29	18 35	0 9	10 51	1 7	17 44	1 36	14 47	0 19	16 37	1 39	8 49	9 5	23 38	23 37	6 33		n.a.
M 6	23 31	4 59	5 15	21 55	1 9	19 29	1 26	18 46	0 8	10 55	1 8	17 45	1 36	14 48	0 19	16 37	1 39	8 49	9 5	23 38	23 37	6 30		n.a.
T 7	23 27	0 3	5 3	21 29	1 2	19 45	1 24	18 56	0 8	10 58	1 8	17 47	1 36	14 49	0 19	16 37	1 38	8 49	9 5	23 38	23 36	6 27		n.a.
W 8	23 23	4n55	4 38	21 2	0 56	20 1	1 21	19 7	0 7	11 1	1 8	17 48	1 36	14 49	0 19	16 37	1 38	8 49	9 6	23 38	23 36	6 25		n.a.
T 9	23 19	9 47	4 0	20 34	0 49	20 16	1 18	19 17	0 6	11 4	1 8	17 50	1 36	14 50	0 19	16 37	1 38	8 49	9 6	23 38	23 36	6 22		n.a.
F 10	23 14	14 21	3 11	20 6	0 41	20 31	1 16	19 27	0 5	11 7	1 8	17 51	1 36	14 51	0 19	16 36	1 38	8 50	9 6	23 38	23 36	6 19		n.a.
S 11	23 9	18 25	2 11	19 37	0 34	20 46	1 13	19 37	0 5	11 10	1 8	17 53	1 36	14 51	0 19	16 36	1 38	8 50	9 6	23 38	23 36	6 16		n.a.
S 12	23 3	21 41	1 2	19 7	0 26	20 59	1 10	19 47	0 4	11 12	1 8	17 54	1 36	14 52	0 19	16 36	1 38	8 50	9 6	23 38	23 36	6 14		n.a.
M13	22 57	23 53	0n11	18 37	0 17	21 13	1 7	19 56	0 3	11 15	1 8	17 55	1 36	14 53	0 19	16 36	1 38	8 50	9 6	23 38	23 36	6 11		n.a.
T 14	22 51	24 43	1 25	18 6	0 9	21 26	1 4	20 6	0 2	11 18	1 9	17 57	1 36	14 53	0 19	16 36	1 38	8 50	9 6	23 38	23 35	6 8		n.a.
W15	22 44	24 0	2 36	17 35	0 0	21 38	1 1	20 15	0 2	11 21	1 9	17 58	1 36	14 54	0 19	16 36	1 38	8 50	9 6	23 38	23 35	6 5		n.a.
T 16	22 37	21 43	3 39	17 4	0s 9	21 49	0 58	20 24	0 1	11 23	1 9	18 0	1 37	14 54	0 19	16 35	1 38	8 50	9 7	23 38	23 35	6 3		n.a.
F 17	22 29	18 3	4 28	16 33	0 18	22 0	0 55	20 33	0 0	11 26	1 9	18 1	1 37	14 55	0 19	16 35	1 38	8 50	9 7	23 38	23 35	6 0		n.a.
S 18	22 21	13 17	5 0	16 2	0 27	22 11	0 52	20 42	0n 1	11 28	1 9	18 2	1 37	14 56	0 19	16 35	1 38	8 50	9 7	23 38	23 35	5 57		n.a.
S 19	22 12	7 47	5 13	15 30	0 36	22 21	0 49	20 51	0 2	11 31	1 9	18 3	1 37	14 56	0 19	16 35	1 38	8 50	9 7	23 38	23 35	5 54		n.a.
M20	22 4	1 54	5 7	14 59	0 46	22 30	0 46	20 59	0 2	11 33	1 9	18 5	1 37	14 57	0 19	16 35	1 38	8 51	9 7	23 38	23 34	5 52		n.a.
T 21	21 54	4s 1	4 41	14 28	0 56	22 39	0 43	21 8	0 3	11 35	1 9	18 6	1 37	14 57	0 19	16 35	1 38	8 51	9 7	23 38	23 34	5 49		n.a.
W22	21 45	9 39	3 59	13 57	1 6	22 47	0 40	21 16	0 4	11 38	1 10	18 7	1 37	14 58	0 19	16 35	1 38	8 51	9 7	23 38	23 34	5 46		n.a.
T 23	21 35	14 44	3 4	13 27	1 16	22 54	0 37	21 24	0 5	11 40	1 10	18 8	1 37	14 58	0 19	16 35	1 38	8 51	9 7	23 38	23 34	5 43		n.a.
F 24	21 24	18 59	1 59	12 56	1 26	23 1	0 34	21 31	0 5	11 42	1 10	18 10	1 37	14 59	0 19	16 35	1 38	8 51	9 8	23 38	23 34	5 41		n.a.
S 25	21 14	22 10	0 49	12 27	1 36	23 7	0 31	21 39	0 6	11 44	1 10	18 11	1 37	14 59	0 19	16 35	1 38	8 51	9 8	23 38	23 34	5 38		n.a.
S 26	21 3	24 7	0s23	11 58	1 46	23 12	0 28	21 47	0 7	11 46	1 10	18 12	1 37	14 59	0 19	16 34	1 37	8 51	9 8	23 38	23 33	5 35		n.a.
M27	20 51	24 43	1 32	11 30	1 57	23 17	0 25	21 54	0 8	11 48	1 10	18 13	1 37	15 0	0 19	16 34	1 37	8 51	9 8	23 38	23 33	5 32		n.a.
T 28	20 39	24 0	2 36	11 2	2 7	23 21	0 22	22 1	0 9	11 50	1 10	18 14	1 37	15 0	0 19	16 34	1 37	8 51	9 8	23 38	23 33	5 30		n.a.
W29	20 27	22 4	3 30	10 36	2 17	23 25	0 19	22 8	0 9	11 52	1 10	18 15	1 37	15 1	0 19	16 34	1 37	8 51	9 8	23 38	23 33	5 27		n.a.
T 30	20 15	19 8	4 14	10 10	2 27	23 27	0 16	22 15	0 10	11 54	1 11	18 16	1 37	15 1	0 19	16 34	1 37	8 51	9 8	23 37	23 33	5 24		n.a.
F 31	20n 2	15s24	4s46	9n46	2s37	23n29	0s14	22n21	0n11	11n56	1s11	18n17	1s38	15n 1	0s19	16s34	1n37	8n51	9s 9	23n37	23n33	5s21		n.a.

Julian Day Number = 1602532.5, Delta T = 03h58m16s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'57, Lahiri = - 8°26'57 Julian Calendar 1 July 326 BCE == Greg. Calendar 26 June 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

AUGUST 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 17 38	2♌39'34	13♓49	28♌55	3♋23	10♊16	4♉11	27♉42	11♉ 4	20°R38	18♉52	24°R24	22♊53	28♓27	n.a.	S 1
S 2	20 21 34	3°37'41	25°45	29°30	4°36	10°54	4°17	27°46	11° 5	20♏38	18°53	24♊18	22°50	28°34	n.a.	S 2
M 3	20 25 31	4°35'50	7♈37	0♍ 0	5°48	11°31	4°22	27°51	11° 6	20°38	18°53	24°13	22°47	28°41	n.a.	M 3
T 4	20 29 28	5°34'00	19°30	0°27	7° 1	12° 9	4°27	27°56	11° 7	20°38	18°54	24°10	22°44	28°48	n.a.	T 4
W 5	20 33 24	6°32'13	1♉27	0°48	8°14	12°46	4°32	28° 0	11° 8	20°38	18°54	24°D 8	22°41	28°54	n.a.	W 5
T 6	20 37 21	7°30'28	13°33	1° 5	9°27	13°23	4°36	28° 4	11° 9	20°37	18°55	24° 8	22°37	29° 1	n.a.	T 6
F 7	20 41 17	8°28'46	25°54	1°16	10°39	14° 1	4°41	28° 9	11° 9	20°37	18°55	24° 9	22°34	29° 8	n.a.	F 7
S 8	20 45 14	9°27'05	8♊33	1°R21	11°52	14°38	4°45	28°13	11°10	20°D37	18°55	24°10	22°31	29°14	n.a.	S 8
S 9	20 49 10	10°25'27	21°36	1°20	13° 5	15°15	4°49	28°17	11°11	20°37	18°56	24°R11	22°28	29°21	n.a.	S 9
M10	20 53 7	11°23'51	5♋ 4	1°13	14°18	15°52	4°53	28°21	11°12	20°38	18°56	24°11	22°25	29°28	n.a.	M10
T 11	20 57 3	12°22'17	18°59	1° 0	15°32	16°28	4°57	28°25	11°12	20°38	18°56	24° 8	22°21	29°35	n.a.	T 11
W12	21 1 0	13°20'45	3♌19	0°39	16°45	17° 5	5° 0	28°29	11°13	20°38	18°57	24° 4	22°18	29°41	n.a.	W12
T 13	21 4 57	14°19'15	18° 0	0°13	17°58	17°42	5° 4	28°33	11°13	20°38	18°57	23°57	22°15	29°48	n.a.	T 13
F 14	21 8 53	15°17'47	2♍53	29♌39	19°11	18°18	5° 7	28°36	11°14	20°38	18°57	23°50	22°12	29°55	n.a.	F 14
S 15	21 12 50	16°16'21	17°51	28°59	20°25	18°55	5°10	28°40	11°14	20°38	18°57	23°42	22° 9	0♈ 2	n.a.	S 15
S 16	21 16 46	17°14'56	2♎44	28°13	21°38	19°31	5°13	28°43	11°14	20°39	18°57	23°34	22° 6	0° 8	n.a.	S 16
M17	21 20 43	18°13'34	17°24	27°21	22°51	20° 7	5°15	28°47	11°15	20°39	18°58	23°29	22° 2	0°15	n.a.	M17
T 18	21 24 39	19°12'13	1♏47	26°25	24° 5	20°44	5°18	28°50	11°15	20°39	18°58	23°25	21°59	0°22	n.a.	T 18
W19	21 28 36	20°10'54	15°49	25°24	25°19	21°20	5°20	28°53	11°15	20°39	18°58	23°D24	21°56	0°28	n.a.	W19
T 20	21 32 32	21° 9'37	29°30	24°21	26°32	21°56	5°22	28°56	11°15	20°40	18°58	23°24	21°53	0°35	n.a.	T 20
F 21	21 36 29	22° 8'22	12♐52	23°16	27°46	22°32	5°24	28°59	11°15	20°40	18°58	23°25	21°50	0°42	n.a.	F 21
S 22	21 40 26	23° 7'08	25°56	22°12	29° 0	23° 7	5°26	29° 2	11°R16	20°41	18°58	23°R25	21°47	0°49	n.a.	S 22
S 23	21 44 22	24° 5'57	8♑46	21° 9	0♌13	23°43	5°27	29° 5	11°16	20°41	18°58	23°24	21°43	0°55	n.a.	S 23
M24	21 48 19	25° 4'47	21°23	20°10	1°27	24°19	5°28	29° 8	11°15	20°42	18°58	23°21	21°40	1° 2	n.a.	M24
T 25	21 52 15	26° 3'39	3♒50	19°15	2°41	24°54	5°29	29°10	11°15	20°42	18°R58	23°14	21°37	1° 9	n.a.	T 25
W26	21 56 12	27° 2'34	16° 8	18°27	3°55	25°30	5°30	29°13	11°15	20°43	18°58	23° 6	21°34	1°16	n.a.	W26
T 27	22 0 8	28° 1'30	28°18	17°47	5° 9	26° 5	5°31	29°15	11°15	20°43	18°58	22°55	21°31	1°22	n.a.	T 27
F 28	22 4 5	29° 0'28	10♓21	17°15	6°23	26°40	5°31	29°17	11°15	20°44	18°58	22°42	21°27	1°29	n.a.	F 28
S 29	22 8 1	29°59'29	22°18	16°53	7°37	27°15	5°32	29°20	11°14	20°45	18°58	22°30	21°24	1°36	n.a.	S 29
S 30	22 11 58	0♍58'31	4♈11	16°41	8°51	27°50	5°R32	29°22	11°14	20°46	18°58	22°18	21°21	1°42	n.a.	S 30
M31	22 15 54	1♍57'36	16♈ 2	16°D39	10♌ 6	28♊25	5♉32	29♉24	11♉14	20♏46	18♉58	22♊ 8	21♊18	1♈49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n48	11s 6	5s 4	9n23	2s47	23n31	0s11	22n28	0n12	11n58	1s11	18n18	1s38	15n 2	0s19	16s34	1n37	8n51	9s 9	23n37	23n32	5s18		n.a.
S 2	19 35	6 26	5 9	9 2	2 57	23 32	0 8	22 34	0 13	11 59	1 11	18 19	1 38	15 2	0 19	16 34	1 37	8 51	9 9	23 37	23 32	5 16		n.a.
M 3	19 21	1 33	5 1	8 42	3 6	23 32	0 5	22 40	0 14	12 1	1 11	18 20	1 38	15 2	0 19	16 34	1 37	8 51	9 9	23 36	23 32	5 13		n.a.
T 4	19 7	3n24	4 40	8 24	3 16	23 31	0 2	22 46	0 14	12 3	1 11	18 21	1 38	15 3	0 19	16 34	1 37	8 51	9 9	23 36	23 32	5 10		n.a.
W 5	18 52	8 16	4 7	8 9	3 24	23 30	0n 1	22 52	0 15	12 4	1 11	18 22	1 38	15 3	0 19	16 34	1 37	8 51	9 9	23 36	23 32	5 7		n.a.
T 6	18 37	12 54	3 22	7 55	3 33	23 28	0 4	22 57	0 16	12 5	1 12	18 23	1 38	15 3	0 19	16 34	1 37	8 51	9 10	23 36	23 32	5 5		n.a.
F 7	18 22	17 5	2 27	7 44	3 40	23 25	0 7	23 3	0 17	12 7	1 12	18 24	1 38	15 3	0 19	16 34	1 37	8 51	9 10	23 36	23 31	5 2		n.a.
S 8	18 6	20 38	1 23	7 35	3 48	23 21	0 10	23 8	0 18	12 8	1 12	18 25	1 38	15 4	0 19	16 35	1 37	8 51	9 10	23 36	23 31	4 59		n.a.
S 9	17 51	23 14	0 14	7 30	3 54	23 17	0 12	23 13	0 19	12 9	1 12	18 26	1 38	15 4	0 19	16 35	1 37	8 51	9 10	23 36	23 31	4 56		n.a.
M10	17 34	24 37	0n58	7 27	3 59	23 13	0 15	23 18	0 20	12 11	1 12	18 26	1 38	15 4	0 19	16 35	1 37	8 51	9 10	23 36	23 31	4 53		n.a.
T 11	17 18	24 30	2 10	7 28	4 4	23 7	0 18	23 23	0 20	12 12	1 12	18 27	1 39	15 4	0 19	16 35	1 36	8 50	9 10	23 36	23 31	4 51		n.a.
W12	17 1	22 48	3 15	7 32	4 7	23 1	0 21	23 27	0 21	12 13	1 13	18 28	1 39	15 4	0 19	16 35	1 36	8 50	9 10	23 36	23 31	4 48		n.a.
T 13	16 44	19 33	4 8	7 39	4 9	22 54	0 23	23 31	0 22	12 14	1 13	18 29	1 39	15 5	0 19	16 35	1 36	8 50	9 11	23 36	23 30	4 45		n.a.
F 14	16 27	15 0	4 46	7 50	4 10	22 46	0 26	23 36	0 23	12 15	1 13	18 29	1 39	15 5	0 19	16 35	1 36	8 50	9 11	23 35	23 30	4 42		n.a.
S 15	16 9	9 31	5 4	8 5	4 9	22 38	0 29	23 40	0 24	12 16	1 13	18 30	1 39	15 5	0 19	16 35	1 36	8 50	9 11	23 35	23 30	4 39		n.a.
S 16	15 51	3 31	5 2	8 24	4 6	22 29	0 31	23 44	0 25	12 16	1 13	18 31	1 39	15 5	0 19	16 35	1 36	8 50	9 11	23 35	23 30	4 36		n.a.
M17	15 33	2s37	4 40	8 46	4 1	22 19	0 34	23 47	0 26	12 17	1 13	18 31	1 39	15 5	0 19	16 35	1 36	8 50	9 11	23 34	23 30	4 34		n.a.
T 18	15 15	8 29	4 0	9 12	3 54	22 9	0 36	23 51	0 27	12 18	1 13	18 32	1 39	15 5	0 19	16 36	1 36	8 50	9 11	23 34	23 29	4 31		n.a.
W19	14 56	13 48	3 7	9 40	3 46	21 58	0 39	23 54	0 27	12 18	1 14	18 33	1 39	15 5	0 19	16 36	1 36	8 50	9 12	23 34	23 29	4 28		n.a.
T 20	14 37	18 16	2 4	10 11	3 35	21 47	0 41	23 57	0 28	12 19	1 14	18 33	1 39	15 5	0 19	16 36	1 36	8 50	9 12	23 34	23 29	4 25		n.a.
F 21	14 18	21 42	0 56	10 45	3 23	21 34	0 43	24 1	0 29	12 19	1 14	18 34	1 40	15 5	0 19	16 36	1 36	8 49	9 12	23 34	23 29	4 22		n.a.
S 22	13 59	23 54	0s13	11 19	3 8	21 21	0 46	24 3	0 30	12 20	1 14	18 34	1 40	15 5	0 19	16 36	1 36	8 49	9 12	23 34	23 29	4 20		n.a.
S 23	13 39	24 47	1 21	11 55	2 52	21 8	0 48	24 6	0 31	12 20	1 14	18 35	1 40	15 5	0 19	16 36	1 36	8 49	9 12	23 34	23 28	4 17		n.a.
M24	13 19	24 22	2 23	12 30	2 35	20 54	0 50	24 9	0 32	12 20	1 14	18 35	1 40	15 5	0 19	16 37	1 36	8 49	9 12	23 34	23 28	4 14		n.a.
T 25	12 59	22 44	3 18	13 5	2 16	20 39	0 52	24 11	0 33	12 21	1 14	18 36	1 40	15 5	0 19	16 37	1 36	8 49	9 13	23 34	23 28	4 11		n.a.
W26	12 39	20 2	4 2	13 38	1 57	20 24	0 54	24 13	0 34	12 21	1 15	18 36	1 40	15 5	0 19	16 37	1 36	8 49	9 13	23 33	23 28	4 8		n.a.
T 27	12 18	16 30	4 35	14 9	1 37	20 8	0 56	24 15	0 35	12 21	1 15	18 37	1 40	15 5	0 19	16 37	1 36	8 49	9 13	23 33	23 28	4 5		n.a.
F 28	11 58	12 19	4 55	14 38	1 17	19 51	0 58	24 17	0 36	12 21	1 15	18 37	1 40	15 5	0 19	16 37	1 35	8 48	9 13	23 32	23 27	4 2		n.a.
S 29	11 37	7 42	5 2	15 3	0 58	19 34	1 0	24 19	0 37	12 21	1 15	18 37	1 40	15 5	0 19	16 38	1 35	8 48	9 13	23 31	23 27	4 0		n.a.
S 30	11 16	2 49	4 55	15 25	0 38	19 16	1 2	24 21	0 38	12 21	1 15	18 38	1 40	15 5	0 19	16 38	1 35	8 48	9 13	23 30	23 27	3 57		n.a.
M31	10n54	2n 9	4s36	15n43	0s20	18n58	1n 4	24n22	0n39	12n21	1s15	18n38	1s41	15n 5	0s19	16s38	1n35	8n48	9s13	23n30	23n27	3s54		n.a.

Julian Day Number = 1602563.5, Delta T = 03h58m15s
Ecliptic obliquity = 23°44'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'53, Lahiri = - 8°26'53 Julian Calendar 1 Aug. 326 BCE == Greg. Calendar 27 July 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

SEPTEMBER 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 19 51	2♍56'44	27♈54	16♌48	11♌20	29♊ 0	5°R31	29♉25	11°R13	20♏47	18°R58	22°R 0	21♊15	1♈56	n.a.	T 1
W 2	22 23 48	3°55'53	9♉49	17° 7	12°34	29°35	5♉31	29°27	11♉13	20°48	18♉58	21♊55	21°12	2° 3	n.a.	W 2
T 3	22 27 44	4°55'05	21°52	17°36	13°49	0♋ 9	5°30	29°29	11°12	20°49	18°57	21°52	21° 8	2° 9	n.a.	T 3
F 4	22 31 41	5°54'20	4♊ 9	18°14	15° 3	0°44	5°29	29°30	11°11	20°50	18°57	21°D51	21° 5	2°16	n.a.	F 4
S 5	22 35 37	6°53'37	16°44	19° 0	16°17	1°18	5°28	29°32	11°11	20°50	18°57	21°R51	21° 2	2°23	n.a.	S 5
S 6	22 39 34	7°52'57	29°42	19°55	17°32	1°53	5°26	29°33	11°10	20°51	18°57	21°51	20°59	2°29	n.a.	S 6
M 7	22 43 30	8°52'19	13♋ 6	20°58	18°46	2°27	5°25	29°34	11° 9	20°52	18°56	21°50	20°56	2°36	n.a.	M 7
T 8	22 47 27	9°51'43	27° 1	22° 7	20° 1	3° 1	5°23	29°35	11° 9	20°53	18°56	21°46	20°53	2°43	n.a.	T 8
W 9	22 51 23	10°51'10	11♌25	23°21	21°16	3°35	5°21	29°36	11° 8	20°54	18°56	21°39	20°49	2°50	n.a.	W 9
T 10	22 55 20	11°50'39	26°14	24°41	22°30	4° 8	5°19	29°37	11° 7	20°55	18°55	21°30	20°46	2°56	n.a.	T 10
F 11	22 59 17	12°50'10	11♍23	26° 5	23°45	4°42	5°17	29°38	11° 6	20°56	18°55	21°19	20°43	3° 3	n.a.	F 11
S 12	23 3 13	13°49'43	26°39	27°33	25° 0	5°16	5°14	29°38	11° 5	20°58	18°55	21° 8	20°40	3°10	n.a.	S 12
S 13	23 7 10	14°49'19	11♎53	29° 5	26°14	5°49	5°11	29°39	11° 4	20°59	18°54	20°58	20°37	3°16	n.a.	S 13
M14	23 11 6	15°48'56	26°52	0♏38	27°29	6°22	5° 9	29°39	11° 3	21° 0	18°54	20°49	20°33	3°23	n.a.	M14
T 15	23 15 3	16°48'35	11♏31	2°14	28°44	6°56	5° 5	29°39	11° 1	21° 1	18°53	20°43	20°30	3°30	n.a.	T 15
W16	23 18 59	17°48'16	25°44	3°52	29°59	7°29	5° 2	29°40	11° 0	21° 2	18°53	20°40	20°27	3°37	n.a.	W16
T 17	23 22 56	18°47'59	9♐29	5°31	1♏14	8° 1	4°59	29°R40	10°59	21° 4	18°52	20°39	20°24	3°43	n.a.	T 17
F 18	23 26 52	19°47'44	22°50	7°12	2°29	8°34	4°55	29°40	10°58	21° 5	18°52	20°39	20°21	3°50	n.a.	F 18
S 19	23 30 49	20°47'31	5♑48	8°53	3°44	9° 7	4°51	29°39	10°56	21° 6	18°51	20°38	20°18	3°57	n.a.	S 19
S 20	23 34 46	21°47'19	18°28	10°34	4°59	9°39	4°47	29°39	10°55	21° 8	18°51	20°36	20°14	4° 4	n.a.	S 20
M21	23 38 42	22°47'10	0♒54	12°16	6°14	10°12	4°43	29°39	10°54	21° 9	18°50	20°32	20°11	4°10	n.a.	M21
T 22	23 42 39	23°47'02	13° 8	13°58	7°29	10°44	4°38	29°38	10°52	21°10	18°50	20°25	20° 8	4°17	n.a.	T 22
W23	23 46 35	24°46'56	25°15	15°40	8°44	11°16	4°34	29°38	10°51	21°12	18°49	20°15	20° 5	4°24	n.a.	W23
T 24	23 50 32	25°46'51	7♓15	17°22	9°59	11°48	4°29	29°37	10°49	21°13	18°48	20° 2	20° 2	4°30	n.a.	T 24
F 25	23 54 28	26°46'49	19°12	19° 4	11°14	12°19	4°24	29°36	10°47	21°15	18°48	19°48	19°58	4°37	n.a.	F 25
S 26	23 58 25	27°46'49	1♈ 5	20°45	12°29	12°51	4°19	29°35	10°46	21°16	18°47	19°33	19°55	4°44	n.a.	S 26
S 27	0 2 21	28°46'50	12°57	22°26	13°44	13°22	4°13	29°34	10°44	21°18	18°46	19°19	19°52	4°51	n.a.	S 27
M28	0 6 18	29°46'54	24°49	24° 7	15° 0	13°54	4° 8	29°33	10°42	21°19	18°46	19° 7	19°49	4°57	n.a.	M28
T 29	0 10 14	0♎47'00	6♉43	25°48	16°15	14°25	4° 2	29°31	10°41	21°21	18°45	18°58	19°46	5° 4	n.a.	T 29
W30	0 14 11	1♎47'08	18♉41	27♍28	17♍30	14♋56	3♉56	29♉30	10♉39	21♏22	18♉44	18♊51	19♊43	5♈11	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n33	7n 3	4s 5	15n57	0s 2	18n39	1n 6	24n24	0n40	12n20	1s15	18n38	1s41	15n 4	0s19	16s38	1n35	8n48	9s14	23n29	23n27	3s51		n.a.
W 2	10 11	11 43	3 23	16 8	0n14	18 19	1 8	24 25	0 41	12 20	1 16	18 39	1 41	15 4	0 19	16 39	1 35	8 47	9 14	23 29	23 26	3 48		n.a.
T 3	9 49	16 1	2 32	16 13	0 30	17 59	1 9	24 26	0 42	12 20	1 16	18 39	1 41	15 4	0 19	16 39	1 35	8 47	9 14	23 29	23 26	3 45		n.a.
F 4	9 27	19 43	1 32	16 15	0 44	17 39	1 11	24 27	0 43	12 19	1 16	18 39	1 41	15 4	0 19	16 39	1 35	8 47	9 14	23 29	23 26	3 43		n.a.
S 5	9 5	22 37	0 27	16 13	0 57	17 18	1 12	24 27	0 44	12 19	1 16	18 39	1 41	15 4	0 19	16 40	1 35	8 47	9 14	23 29	23 26	3 40		n.a.
S 6	8 43	24 25	0n41	16 6	1 8	16 56	1 14	24 28	0 45	12 18	1 16	18 39	1 41	15 3	0 19	16 40	1 35	8 47	9 14	23 29	23 25	3 37		n.a.
M 7	8 21	24 54	1 50	15 56	1 19	16 34	1 15	24 28	0 46	12 18	1 16	18 39	1 41	15 3	0 19	16 40	1 35	8 46	9 15	23 29	23 25	3 34		n.a.
T 8	7 58	23 52	2 54	15 41	1 28	16 12	1 17	24 29	0 47	12 17	1 16	18 40	1 41	15 3	0 19	16 41	1 35	8 46	9 15	23 29	23 25	3 31		n.a.
W 9	7 35	21 15	3 50	15 24	1 35	15 49	1 18	24 29	0 48	12 16	1 16	18 40	1 42	15 3	0 19	16 41	1 35	8 46	9 15	23 28	23 25	3 28		n.a.
T 10	7 12	17 11	4 32	15 3	1 42	15 26	1 19	24 29	0 49	12 15	1 17	18 40	1 42	15 2	0 19	16 41	1 35	8 46	9 15	23 28	23 25	3 25		n.a.
F 11	6 49	11 56	4 56	14 39	1 47	15 2	1 20	24 29	0 50	12 14	1 17	18 40	1 42	15 2	0 19	16 42	1 35	8 45	9 15	23 27	23 24	3 23		n.a.
S 12	6 26	5 54	4 59	14 12	1 51	14 37	1 21	24 29	0 51	12 13	1 17	18 40	1 42	15 2	0 19	16 42	1 35	8 45	9 15	23 26	23 24	3 20		n.a.
S 13	6 3	0s27	4 41	13 43	1 54	14 13	1 22	24 28	0 52	12 12	1 17	18 40	1 42	15 1	0 19	16 42	1 35	8 45	9 15	23 25	23 24	3 17		n.a.
M14	5 40	6 42	4 3	13 12	1 57	13 48	1 23	24 28	0 53	12 11	1 17	18 40	1 42	15 1	0 19	16 43	1 34	8 45	9 16	23 25	23 24	3 14		n.a.
T 15	5 16	12 27	3 11	12 38	1 58	13 22	1 24	24 27	0 54	12 10	1 17	18 40	1 42	15 1	0 19	16 43	1 34	8 44	9 16	23 24	23 23	3 11		n.a.
W16	4 53	17 22	2 8	12 3	1 58	12 56	1 25	24 26	0 55	12 9	1 17	18 40	1 42	15 0	0 19	16 43	1 34	8 44	9 16	23 24	23 23	3 8		n.a.
T 17	4 29	21 11	0 59	11 26	1 58	12 30	1 26	24 25	0 56	12 8	1 17	18 40	1 42	15 0	0 19	16 44	1 34	8 44	9 16	23 24	23 23	3 5		n.a.
F 18	4 5	23 44	0s12	10 47	1 57	12 3	1 26	24 24	0 57	12 6	1 17	18 40	1 43	15 0	0 19	16 44	1 34	8 44	9 16	23 24	23 23	3 2		n.a.
S 19	3 42	24 55	1 19	10 7	1 55	11 37	1 27	24 23	0 58	12 5	1 18	18 39	1 43	14 59	0 19	16 45	1 34	8 43	9 16	23 24	23 23	3 0		n.a.
S 20	3 18	24 46	2 21	9 26	1 53	11 9	1 27	24 22	1 0	12 3	1 18	18 39	1 43	14 59	0 19	16 45	1 34	8 43	9 16	23 24	23 22	2 57		n.a.
M21	2 54	23 23	3 15	8 45	1 51	10 42	1 28	24 21	1 1	12 2	1 18	18 39	1 43	14 58	0 19	16 45	1 34	8 43	9 17	23 24	23 22	2 54		n.a.
T 22	2 30	20 54	3 59	8 2	1 47	10 14	1 28	24 19	1 2	12 0	1 18	18 39	1 43	14 58	0 19	16 46	1 34	8 43	9 17	23 23	23 22	2 51		n.a.
W23	2 6	17 31	4 32	7 19	1 44	9 46	1 29	24 18	1 3	11 59	1 18	18 39	1 43	14 57	0 19	16 46	1 34	8 42	9 17	23 22	23 22	2 48		n.a.
T 24	1 42	13 28	4 52	6 35	1 40	9 17	1 29	24 16	1 4	11 57	1 18	18 38	1 43	14 57	0 19	16 47	1 34	8 42	9 17	23 21	23 21	2 45		n.a.
F 25	1 18	8 54	4 59	5 50	1 35	8 49	1 29	24 14	1 5	11 55	1 18	18 38	1 43	14 56	0 19	16 47	1 34	8 42	9 17	23 20	23 21	2 42		n.a.
S 26	0 54	4 2	4 53	5 6	1 31	8 20	1 29	24 12	1 6	11 53	1 18	18 38	1 43	14 56	0 19	16 48	1 34	8 41	9 17	23 19	23 21	2 39		n.a.
S 27	0 29	0n58	4 35	4 21	1 26	7 50	1 29	24 10	1 8	11 51	1 18	18 37	1 43	14 55	0 19	16 48	1 34	8 41	9 17	23 18	23 21	2 36		n.a.
M28	0 5	5 57	4 4	3 36	1 21	7 21	1 29	24 8	1 9	11 50	1 18	18 37	1 44	14 55	0 20	16 48	1 34	8 41	9 17	23 17	23 20	2 33		n.a.
T 29	0s19	10 44	3 23	2 50	1 15	6 51	1 29	24 6	1 10	11 48	1 18	18 37	1 44	14 54	0 20	16 49	1 34	8 41	9 17	23 16	23 20	2 31		n.a.
W30	0s43	15n10	2s32	2n 5	1n10	6n21	1n29	24n 4	1n11	11n46	1s18	18n36	1s44	14n54	0s20	16s49	1n34	8n40	9s18	23n16	23n20	2s28		n.a.

Julian Day Number = 1602594.5, Delta T = 03h58m13s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'49, Lahiri = - 8°26'49 Julian Calendar 1 Sept. 326 BCE == Greg. Calendar 27 Aug. 326 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

OCTOBER 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 18 8	2♎47'18	0♊46	29♍ 8	18♍45	15♋27	3°R51	29°R28	10°R37	21♏24	18°R43	18°R47	19♊39	5♈17	n.a.	T 1
F 2	0 22 4	3°47'30	13° 2	0♎47	20° 1	15°57	3♉44	29♉27	10♉35	21°26	18♉43	18♊46	19°36	5°24	n.a.	F 2
S 3	0 26 1	4°47'45	25°34	2°26	21°16	16°28	3°38	29°25	10°33	21°27	18°42	18°D46	19°33	5°31	n.a.	S 3
S 4	0 29 57	5°48'01	8♋26	4° 5	22°31	16°58	3°32	29°23	10°31	21°29	18°41	18°R46	19°30	5°38	n.a.	S 4
M 5	0 33 54	6°48'20	21°43	5°43	23°47	17°28	3°25	29°21	10°30	21°31	18°40	18°45	19°27	5°44	n.a.	M 5
T 6	0 37 50	7°48'41	5♌28	7°20	25° 2	17°58	3°19	29°19	10°28	21°33	18°39	18°42	19°24	5°51	n.a.	T 6
W 7	0 41 47	8°49'04	19°43	8°57	26°17	18°28	3°12	29°17	10°25	21°34	18°39	18°37	19°20	5°58	n.a.	W 7
T 8	0 45 43	9°49'29	4♍25	10°34	27°33	18°57	3° 5	29°15	10°23	21°36	18°38	18°29	19°17	6° 4	n.a.	T 8
F 9	0 49 40	10°49'56	19°29	12°11	28°48	19°26	2°58	29°12	10°21	21°38	18°37	18°19	19°14	6°11	n.a.	F 9
S 10	0 53 37	11°50'25	4♎47	13°47	0♎ 4	19°56	2°51	29°10	10°19	21°40	18°36	18° 9	19°11	6°18	n.a.	S 10
S 11	0 57 33	12°50'56	20° 7	15°23	1°19	20°24	2°44	29° 7	10°17	21°42	18°35	17°59	19° 8	6°25	n.a.	S 11
M12	1 1 30	13°51'28	5♏18	16°58	2°35	20°53	2°36	29° 5	10°15	21°43	18°34	17°51	19° 4	6°31	n.a.	M12
T 13	1 5 26	14°52'02	20° 9	18°33	3°50	21°22	2°29	29° 2	10°13	21°45	18°33	17°46	19° 1	6°38	n.a.	T 13
W14	1 9 23	15°52'37	4♐35	20° 8	5° 6	21°50	2°21	28°59	10°10	21°47	18°32	17°43	18°58	6°45	n.a.	W14
T 15	1 13 19	16°53'14	18°32	21°42	6°21	22°18	2°14	28°56	10° 8	21°49	18°31	17°D42	18°55	6°51	n.a.	T 15
F 16	1 17 16	17°53'52	2♑ 0	23°16	7°37	22°46	2° 6	28°53	10° 6	21°51	18°30	17°43	18°52	6°58	n.a.	F 16
S 17	1 21 12	18°54'32	15° 3	24°50	8°52	23°13	1°58	28°50	10° 4	21°53	18°29	17°R43	18°49	7° 5	n.a.	S 17
S 18	1 25 9	19°55'13	27°43	26°24	10° 8	23°41	1°50	28°47	10° 1	21°55	18°28	17°43	18°45	7°12	n.a.	S 18
M19	1 29 6	20°55'55	10♒ 6	27°57	11°23	24° 8	1°43	28°43	9°59	21°57	18°27	17°41	18°42	7°18	n.a.	M19
T 20	1 33 2	21°56'38	22°15	29°31	12°39	24°35	1°35	28°40	9°57	21°59	18°26	17°36	18°39	7°25	n.a.	T 20
W21	1 36 59	22°57'22	4♓16	1♏ 4	13°54	25° 1	1°27	28°37	9°54	22° 1	18°25	17°30	18°36	7°32	n.a.	W21
T 22	1 40 55	23°58'08	16°11	2°36	15°10	25°28	1°19	28°33	9°52	22° 3	18°24	17°21	18°33	7°39	n.a.	T 22
F 23	1 44 52	24°58'55	28° 3	4° 9	16°26	25°54	1°10	28°29	9°49	22° 5	18°23	17°11	18°30	7°45	n.a.	F 23
S 24	1 48 48	25°59'43	9♈55	5°41	17°41	26°20	1° 2	28°26	9°47	22° 7	18°22	17° 0	18°26	7°52	n.a.	S 24
S 25	1 52 45	27° 0'32	21°48	7°14	18°57	26°45	0°54	28°22	9°44	22° 9	18°21	16°50	18°23	7°59	n.a.	S 25
M26	1 56 41	28° 1'23	3♉45	8°46	20°12	27°11	0°46	28°18	9°42	22°11	18°20	16°41	18°20	8° 5	n.a.	M26
T 27	2 0 38	29° 2'15	15°45	10°18	21°28	27°36	0°38	28°14	9°40	22°14	18°19	16°35	18°17	8°12	n.a.	T 27
W28	2 4 34	0♏ 3'09	27°51	11°49	22°44	28° 1	0°30	28°10	9°37	22°16	18°18	16°30	18°14	8°19	n.a.	W28
T 29	2 8 31	1° 4'04	10♊ 6	13°21	23°59	28°25	0°21	28° 6	9°35	22°18	18°17	16°28	18°10	8°26	n.a.	T 29
F 30	2 12 28	2° 5'00	22°30	14°52	25°15	28°49	0°13	28° 2	9°32	22°20	18°16	16°D28	18° 7	8°32	n.a.	F 30
S 31	2 16 24	3♏ 5'57	5♋ 7	16♏23	26♎30	29♋13	0♉ 5	27♉57	9♉30	22♏22	18♉14	16♊29	18♊ 4	8♈39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1s 7	19n 2	1s34	1n19	1n 4	5n51	1n29	24n 2	1n12	11n44	1s18	18n36	1s44	14n53	0s20	16s50	1n34	8n40	9s18	23n15	23n20	2s25			n.a.
F 2	1 32	22 8	0 30	0 34	0 58	5 21	1 28	23 59	1 14	11 41	1 18	18 35	1 44	14 52	0 20	16 50	1 34	8 40	9 18	23 15	23 19	2 22			n.a.
S 3	1 56	24 16	0n36	0s12	0 52	4 51	1 28	23 57	1 15	11 39	1 18	18 35	1 44	14 52	0 20	16 51	1 34	8 39	9 18	23 15	23 19	2 19			n.a.
S 4	2 20	25 10	1 42	0 57	0 45	4 20	1 28	23 54	1 16	11 37	1 19	18 35	1 44	14 51	0 20	16 51	1 33	8 39	9 18	23 15	23 19	2 16			n.a.
M 5	2 44	24 41	2 45	1 42	0 39	3 50	1 27	23 51	1 17	11 35	1 19	18 34	1 44	14 51	0 20	16 52	1 33	8 39	9 18	23 15	23 19	2 13			n.a.
T 6	3 8	22 42	3 41	2 27	0 33	3 19	1 26	23 49	1 19	11 33	1 19	18 34	1 44	14 50	0 20	16 52	1 33	8 38	9 18	23 15	23 18	2 10			n.a.
W 7	3 32	19 16	4 25	3 12	0 26	2 48	1 26	23 46	1 20	11 30	1 19	18 33	1 44	14 49	0 20	16 53	1 33	8 38	9 18	23 14	23 18	2 7			n.a.
T 8	3 56	14 33	4 53	3 56	0 20	2 17	1 25	23 43	1 21	11 28	1 19	18 32	1 44	14 49	0 20	16 53	1 33	8 38	9 18	23 14	23 18	2 4			n.a.
F 9	4 20	8 50	5 2	4 40	0 13	1 46	1 24	23 40	1 22	11 25	1 19	18 32	1 44	14 48	0 20	16 54	1 33	8 37	9 18	23 13	23 18	2 2			n.a.
S 10	4 44	2 30	4 50	5 24	0 7	1 15	1 24	23 37	1 24	11 23	1 19	18 31	1 44	14 47	0 20	16 54	1 33	8 37	9 19	23 12	23 17	1 59			n.a.
S 11	5 8	4s 0	4 17	6 8	0 0	0 44	1 23	23 34	1 25	11 20	1 19	18 31	1 45	14 47	0 20	16 55	1 33	8 37	9 19	23 11	23 17	1 56			n.a.
M12	5 32	10 13	3 26	6 51	0s 7	0 13	1 22	23 31	1 26	11 18	1 19	18 30	1 45	14 46	0 20	16 55	1 33	8 37	9 19	23 10	23 17	1 53			n.a.
T 13	5 56	15 44	2 21	7 33	0 13	0s19	1 21	23 28	1 28	11 15	1 19	18 29	1 45	14 45	0 20	16 56	1 33	8 36	9 19	23 10	23 17	1 50			n.a.
W14	6 19	20 11	1 9	8 16	0 20	0 50	1 20	23 24	1 29	11 13	1 19	18 29	1 45	14 45	0 20	16 56	1 33	8 36	9 19	23 10	23 16	1 47			n.a.
T 15	6 43	23 18	0s 4	8 58	0 26	1 21	1 19	23 21	1 31	11 10	1 19	18 28	1 45	14 44	0 20	16 57	1 33	8 36	9 19	23 10	23 16	1 44			n.a.
F 16	7 6	24 59	1 16	9 39	0 33	1 52	1 17	23 18	1 32	11 8	1 18	18 27	1 45	14 43	0 20	16 57	1 33	8 35	9 19	23 10	23 16	1 41			n.a.
S 17	7 30	25 12	2 21	10 20	0 39	2 24	1 16	23 14	1 33	11 5	1 18	18 26	1 45	14 42	0 20	16 58	1 33	8 35	9 19	23 10	23 15	1 38			n.a.
S 18	7 53	24 5	3 17	11 1	0 45	2 55	1 15	23 11	1 35	11 2	1 18	18 26	1 45	14 42	0 20	16 59	1 33	8 35	9 19	23 10	23 15	1 35			n.a.
M19	8 16	21 49	4 3	11 41	0 51	3 26	1 14	23 8	1 36	10 59	1 18	18 25	1 45	14 41	0 19	16 59	1 33	8 34	9 19	23 9	23 15	1 32			n.a.
T 20	8 39	18 36	4 36	12 20	0 58	3 57	1 12	23 4	1 38	10 57	1 18	18 24	1 45	14 40	0 19	17 0	1 33	8 34	9 19	23 9	23 15	1 29			n.a.
W21	9 2	14 40	4 57	12 59	1 4	4 28	1 11	23 1	1 39	10 54	1 18	18 23	1 45	14 39	0 19	17 0	1 33	8 34	9 19	23 8	23 14	1 26			n.a.
T 22	9 25	10 11	5 5	13 37	1 10	4 59	1 9	22 57	1 41	10 51	1 18	18 23	1 45	14 39	0 19	17 1	1 33	8 33	9 19	23 7	23 14	1 23			n.a.
F 23	9 47	5 21	5 0	14 14	1 15	5 30	1 8	22 54	1 42	10 49	1 18	18 22	1 45	14 38	0 19	17 1	1 33	8 33	9 19	23 7	23 14	1 21			n.a.
S 24	10 10	0 20	4 42	14 51	1 21	6 0	1 6	22 50	1 44	10 46	1 18	18 21	1 45	14 37	0 19	17 2	1 33	8 33	9 19	23 5	23 14	1 18			n.a.
S 25	10 32	4n43	4 11	15 27	1 26	6 31	1 5	22 47	1 45	10 43	1 18	18 20	1 45	14 36	0 19	17 2	1 33	8 32	9 19	23 4	23 13	1 15			n.a.
M26	10 54	9 38	3 29	16 2	1 32	7 1	1 3	22 43	1 47	10 40	1 18	18 19	1 45	14 35	0 19	17 3	1 33	8 32	9 19	23 4	23 13	1 12			n.a.
T 27	11 16	14 14	2 38	16 37	1 37	7 32	1 1	22 40	1 48	10 37	1 18	18 18	1 45	14 35	0 19	17 4	1 33	8 32	9 20	23 3	23 13	1 9			n.a.
W28	11 38	18 19	1 39	17 11	1 42	8 2	0 59	22 36	1 50	10 35	1 18	18 17	1 45	14 34	0 19	17 4	1 33	8 31	9 20	23 2	23 12	1 6			n.a.
T 29	11 59	21 40	0 34	17 44	1 46	8 32	0 58	22 33	1 51	10 32	1 17	18 16	1 45	14 33	0 19	17 5	1 33	8 31	9 20	23 2	23 12	1 3			n.a.
F 30	12 21	24 4	0n33	18 16	1 51	9 1	0 56	22 29	1 53	10 29	1 17	18 15	1 45	14 32	0 19	17 5	1 33	8 31	9 20	23 2	23 12	1 0			n.a.
S 31	12s42	25n17	1n39	18s47	1s55	9s31	0n54	22n26	1n54	10n26	1s17	18n14	1s45	14n32	0s19	17s 6	1n33	8n30	9s20	23n 2	23n12	0s57			n.a.

Julian Day Number = 1602624.5, Delta T = 03h58m12s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'45, Lahiri = - 8°26'44 Julian Calendar 1 Oct. 326 BCE == Greg. Calendar 26 Sept. 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

NOVEMBER 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 20 21	4♏ 6'56	18♋ 1	17♏54	27♎46	29♋37	29°R57	27°R53	9°R27	22♏24	18°R13	16♊31	18♊ 1	8♈46	n.a.	S 1
M 2	2 24 17	5° 7'57	1♌15	19°25	29° 2	0♌ 0	29♈49	27♉49	9♉25	22°26	18♉12	16°R32	17°58	8°52	n.a.	M 2
T 3	2 28 14	6° 8'59	14°52	20°55	0♏17	0°23	29°41	27°44	9°22	22°29	18°11	16°32	17°55	8°59	n.a.	T 3
W 4	2 32 10	7°10'02	28°53	22°25	1°33	0°46	29°33	27°40	9°19	22°31	18°10	16°30	17°51	9° 6	n.a.	W 4
T 5	2 36 7	8°11'06	13♍17	23°54	2°48	1° 8	29°25	27°35	9°17	22°33	18° 9	16°26	17°48	9°13	n.a.	T 5
F 6	2 40 4	9°12'11	28° 3	25°23	4° 4	1°30	29°17	27°31	9°14	22°35	18° 8	16°21	17°45	9°19	n.a.	F 6
S 7	2 44 0	10°13'18	13♎ 3	26°51	5°20	1°52	29° 9	27°26	9°12	22°38	18° 6	16°15	17°42	9°26	n.a.	S 7
S 8	2 47 57	11°14'26	28°10	28°19	6°35	2°13	29° 1	27°21	9° 9	22°40	18° 5	16°10	17°39	9°33	n.a.	S 8
M 9	2 51 53	12°15'34	13♏13	29°45	7°51	2°34	28°53	27°17	9° 7	22°42	18° 4	16° 5	17°35	9°39	n.a.	M 9
T 10	2 55 50	13°16'44	28° 4	1♐11	9° 7	2°54	28°45	27°12	9° 4	22°44	18° 3	16° 2	17°32	9°46	n.a.	T 10
W11	2 59 46	14°17'54	12♐34	2°36	10°22	3°14	28°38	27° 7	9° 2	22°46	18° 2	16°D 1	17°29	9°53	n.a.	W11
T 12	3 3 43	15°19'05	26°39	3°59	11°38	3°34	28°30	27° 2	8°59	22°49	18° 1	16° 2	17°26	10° 0	n.a.	T 12
F 13	3 7 39	16°20'16	10♑16	5°20	12°53	3°53	28°23	26°58	8°57	22°51	17°59	16° 3	17°23	10° 6	n.a.	F 13
S 14	3 11 36	17°21'28	23°27	6°40	14° 9	4°12	28°15	26°53	8°54	22°53	17°58	16° 5	17°20	10°13	n.a.	S 14
S 15	3 15 33	18°22'40	6♒14	7°57	15°25	4°31	28° 8	26°48	8°52	22°55	17°57	16° 6	17°16	10°20	n.a.	S 15
M16	3 19 29	19°23'52	18°40	9°12	16°40	4°49	28° 1	26°43	8°49	22°58	17°56	16°R 7	17°13	10°26	n.a.	M16
T 17	3 23 26	20°25'04	0♓51	10°24	17°56	5° 6	27°54	26°38	8°47	23° 0	17°55	16° 6	17°10	10°33	n.a.	T 17
W18	3 27 22	21°26'17	12°51	11°32	19°11	5°24	27°47	26°33	8°44	23° 2	17°54	16° 4	17° 7	10°40	n.a.	W18
T 19	3 31 19	22°27'30	24°45	12°36	20°27	5°40	27°40	26°28	8°42	23° 5	17°52	16° 2	17° 4	10°47	n.a.	T 19
F 20	3 35 15	23°28'43	6♈36	13°35	21°42	5°57	27°34	26°23	8°39	23° 7	17°51	15°58	17° 1	10°53	n.a.	F 20
S 21	3 39 12	24°29'56	18°28	14°29	22°58	6°12	27°27	26°18	8°37	23° 9	17°50	15°54	16°57	11° 0	n.a.	S 21
S 22	3 43 8	25°31'10	0♉24	15°16	24°14	6°28	27°21	26°13	8°34	23°11	17°49	15°50	16°54	11° 7	n.a.	S 22
M23	3 47 5	26°32'23	12°26	15°57	25°29	6°42	27°15	26° 8	8°32	23°14	17°48	15°47	16°51	11°13	n.a.	M23
T 24	3 51 2	27°33'37	24°37	16°29	26°45	6°57	27° 8	26° 3	8°30	23°16	17°47	15°45	16°48	11°20	n.a.	T 24
W25	3 54 58	28°34'51	6♊57	16°52	28° 0	7°11	27° 2	25°58	8°27	23°18	17°45	15°44	16°45	11°27	n.a.	W25
T 26	3 58 55	29°36'06	19°27	17° 6	29°16	7°24	26°57	25°53	8°25	23°20	17°44	15°D44	16°41	11°33	n.a.	T 26
F 27	4 2 51	0♐37'20	2♋ 9	17°R 9	0♐31	7°37	26°51	25°48	8°23	23°23	17°43	15°44	16°38	11°40	n.a.	F 27
S 28	4 6 48	1°38'35	15° 3	17° 1	1°47	7°49	26°46	25°43	8°20	23°25	17°42	15°46	16°35	11°47	n.a.	S 28
S 29	4 10 44	2°39'50	28°11	16°41	3° 2	8° 0	26°40	25°38	8°18	23°27	17°41	15°47	16°32	11°54	n.a.	S 29
M30	4 14 41	3♐41'06	11♌34	16♐ 9	4♐18	8♌11	26♈35	25♉33	8♉16	23♏29	17♉40	15♊48	16♊29	12♈ 0	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s 3	25n11	2n43	19s17	1s59	10s 0	0n52	22n22	1n56	10n24	1s17	18n13	1s45	14n31	0s19	17s 6	1n33	8n30	9s20	23n 3	23n11	0s54		n.a.
M 2	13 24	23 41	3 39	19 46	2 3	10 29	0 50	22 19	1 58	10 21	1 17	18 12	1 45	14 30	0 19	17 7	1 33	8 30	9 20	23 3	23 11	0 51		n.a.
T 3	13 44	20 47	4 25	20 14	2 6	10 58	0 48	22 16	1 59	10 18	1 17	18 11	1 45	14 29	0 19	17 8	1 32	8 30	9 20	23 3	23 11	0 48		n.a.
W 4	14 4	16 37	4 56	20 41	2 9	11 26	0 46	22 12	2 1	10 15	1 17	18 10	1 45	14 28	0 19	17 8	1 32	8 29	9 20	23 2	23 10	0 45		n.a.
T 5	14 24	11 24	5 10	21 7	2 12	11 55	0 44	22 9	2 3	10 13	1 16	18 9	1 45	14 27	0 19	17 9	1 32	8 29	9 20	23 2	23 10	0 42		n.a.
F 6	14 44	5 26	5 4	21 31	2 14	12 23	0 42	22 6	2 5	10 10	1 16	18 8	1 45	14 27	0 19	17 9	1 32	8 29	9 20	23 2	23 10	0 39		n.a.
S 7	15 4	0s58	4 38	21 54	2 16	12 50	0 40	22 2	2 6	10 7	1 16	18 7	1 45	14 26	0 19	17 10	1 32	8 28	9 20	23 1	23 9	0 36		n.a.
S 8	15 23	7 21	3 51	22 16	2 18	13 18	0 37	21 59	2 8	10 5	1 16	18 6	1 45	14 25	0 19	17 11	1 32	8 28	9 20	23 0	23 9	0 33		n.a.
M 9	15 42	13 19	2 49	22 36	2 19	13 45	0 35	21 56	2 10	10 2	1 16	18 5	1 45	14 24	0 19	17 11	1 32	8 28	9 20	23 0	23 9	0 30		n.a.
T 10	16 1	18 24	1 37	22 55	2 19	14 11	0 33	21 53	2 12	9 59	1 16	18 4	1 45	14 23	0 19	17 12	1 32	8 27	9 20	23 0	23 9	0 27		n.a.
W11	16 20	22 16	0 19	23 13	2 19	14 38	0 31	21 50	2 13	9 57	1 15	18 3	1 45	14 23	0 19	17 12	1 32	8 27	9 19	22 59	23 8	0 24		n.a.
T 12	16 38	24 39	0s58	23 28	2 19	15 3	0 29	21 47	2 15	9 54	1 15	18 2	1 45	14 22	0 19	17 13	1 32	8 27	9 19	23 0	23 8	0 22		n.a.
F 13	16 56	25 28	2 9	23 42	2 17	15 29	0 26	21 44	2 17	9 52	1 15	18 1	1 45	14 21	0 19	17 14	1 32	8 27	9 19	23 0	23 8	0 19		n.a.
S 14	17 13	24 48	3 11	23 55	2 15	15 54	0 24	21 41	2 19	9 49	1 15	18 0	1 45	14 20	0 19	17 14	1 32	8 26	9 19	23 0	23 7	0 16		n.a.
S 15	17 31	22 50	4 1	24 5	2 13	16 19	0 22	21 39	2 21	9 47	1 15	17 59	1 45	14 19	0 19	17 15	1 32	8 26	9 19	23 0	23 7	0 13		n.a.
M16	17 48	19 49	4 39	24 14	2 9	16 43	0 19	21 36	2 23	9 45	1 14	17 58	1 45	14 19	0 19	17 15	1 32	8 26	9 19	23 0	23 7	0 10		n.a.
T 17	18 4	16 1	5 3	24 20	2 5	17 7	0 17	21 34	2 25	9 42	1 14	17 57	1 45	14 18	0 19	17 16	1 32	8 25	9 19	23 0	23 6	0 7		n.a.
W18	18 21	11 38	5 13	24 25	1 59	17 30	0 15	21 31	2 27	9 40	1 14	17 56	1 45	14 17	0 19	17 16	1 32	8 25	9 19	23 0	23 6	0 4		n.a.
T 19	18 37	6 51	5 10	24 27	1 53	17 53	0 12	21 29	2 29	9 38	1 14	17 55	1 45	14 16	0 19	17 17	1 32	8 25	9 19	23 0	23 6	0 1		n.a.
F 20	18 52	1 51	4 54	24 28	1 46	18 15	0 10	21 27	2 31	9 36	1 13	17 54	1 44	14 16	0 19	17 18	1 32	8 25	9 19	22 59	23 6	0n 2		n.a.
S 21	19 8	3n15	4 25	24 26	1 37	18 37	0 8	21 25	2 33	9 33	1 13	17 52	1 44	14 15	0 19	17 18	1 32	8 24	9 19	22 59	23 5	0 5		n.a.
S 22	19 23	8 15	3 44	24 21	1 27	18 59	0 5	21 23	2 35	9 31	1 13	17 51	1 44	14 14	0 19	17 19	1 32	8 24	9 19	22 58	23 5	0 8		n.a.
M23	19 37	13 1	2 53	24 15	1 16	19 19	0 3	21 21	2 37	9 29	1 13	17 50	1 44	14 13	0 19	17 19	1 32	8 24	9 19	22 58	23 5	0 11		n.a.
T 24	19 52	17 19	1 54	24 6	1 4	19 40	0 0	21 19	2 39	9 27	1 12	17 49	1 44	14 12	0 19	17 20	1 32	8 24	9 19	22 58	23 4	0 14		n.a.
W25	20 5	20 57	0 48	23 55	0 50	19 59	0s 2	21 18	2 41	9 25	1 12	17 48	1 44	14 12	0 19	17 20	1 32	8 23	9 19	22 58	23 4	0 17		n.a.
T 26	20 19	23 39	0n21	23 41	0 35	20 19	0 4	21 16	2 43	9 24	1 12	17 47	1 44	14 11	0 19	17 21	1 32	8 23	9 19	22 58	23 4	0 20		n.a.
F 27	20 32	25 13	1 30	23 25	0 19	20 37	0 7	21 15	2 45	9 22	1 12	17 46	1 44	14 10	0 19	17 22	1 32	8 23	9 19	22 58	23 3	0 23		n.a.
S 28	20 45	25 27	2 35	23 7	0 2	20 55	0 9	21 14	2 47	9 20	1 11	17 45	1 44	14 10	0 19	17 22	1 32	8 23	9 18	22 58	23 3	0 26		n.a.
S 29	20 57	24 16	3 34	22 47	0n17	21 13	0 11	21 13	2 49	9 18	1 11	17 44	1 44	14 9	0 19	17 23	1 32	8 23	9 18	22 58	23 3	0 29		n.a.
M30	21s 9	21n43	4n22	22s24	0n36	21s29	0s14	21n12	2n52	9n17	1s11	17n43	1s43	14n 8	0s19	17s23	1n32	8n22	9s18	22n58	23n 2	0n32		n.a.

Julian Day Number = 1602655.5, Delta T = 03h58m11s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'41, Lahiri = - 8°26'40 Julian Calendar 1 Nov. 326 BCE == Greg. Calendar 27 Oct. 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 326 BCE
geocentric

DECEMBER 326 BCE (-325) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 18 38	4♐42'21	25♌13	15°R26	5♐33	8♌22	26°R30	25°R28	8°R14	23♏32	17°R39	15♊48	16♊26	12♈ 7	n.a.	T 1
W 2	4 22 34	5°43'37	9♍ 7	14♐32	6°49	8°32	26♈25	25♉23	8♉12	23°34	17♉38	15°R49	16°22	12°14	n.a.	W 2
T 3	4 26 31	6°44'53	23°17	13°28	8° 4	8°41	26°21	25°19	8° 9	23°36	17°36	15°48	16°19	12°20	n.a.	T 3
F 4	4 30 27	7°46'09	7♎40	12°16	9°20	8°50	26°16	25°14	8° 7	23°38	17°35	15°48	16°16	12°27	n.a.	F 4
S 5	4 34 24	8°47'25	22°14	10°59	10°35	8°58	26°12	25° 9	8° 5	23°41	17°34	15°47	16°13	12°34	n.a.	S 5
S 6	4 38 20	9°48'42	6♏54	9°39	11°51	9° 5	26° 8	25° 4	8° 3	23°43	17°33	15°46	16°10	12°41	n.a.	S 6
M 7	4 42 17	10°49'58	21°32	8°19	13° 6	9°12	26° 4	25° 0	8° 1	23°45	17°32	15°45	16° 7	12°47	n.a.	M 7
T 8	4 46 13	11°51'14	6♐ 4	7° 0	14°22	9°18	26° 0	24°55	7°59	23°47	17°31	15°45	16° 3	12°54	n.a.	T 8
W 9	4 50 10	12°52'30	20°22	5°46	15°37	9°23	25°57	24°50	7°57	23°49	17°30	15°D45	16° 0	13° 1	n.a.	W 9
T 10	4 54 7	13°53'45	4♑22	4°39	16°52	9°28	25°54	24°46	7°55	23°51	17°29	15°45	15°57	13° 7	n.a.	T 10
F 11	4 58 3	14°55'00	18° 0	3°39	18° 8	9°32	25°51	24°41	7°53	23°54	17°28	15°45	15°54	13°14	n.a.	F 11
S 12	5 2 0	15°56'15	1♒14	2°49	19°23	9°35	25°48	24°37	7°52	23°56	17°27	15°R45	15°51	13°21	n.a.	S 12
S 13	5 5 56	16°57'28	14° 6	2° 8	20°39	9°38	25°45	24°32	7°50	23°58	17°26	15°45	15°47	13°28	n.a.	S 13
M14	5 9 53	17°58'41	26°38	1°36	21°54	9°40	25°42	24°28	7°48	24° 0	17°25	15°45	15°44	13°34	n.a.	M14
T 15	5 13 49	18°59'53	8♓53	1°15	23° 9	9°41	25°40	24°24	7°46	24° 2	17°24	15°45	15°41	13°41	n.a.	T 15
W16	5 17 46	20° 1'03	20°56	1° 2	24°25	9°R41	25°38	24°19	7°44	24° 4	17°23	15°D45	15°38	13°48	n.a.	W16
T 17	5 21 42	21° 2'13	2♈50	0°D59	25°40	9°41	25°36	24°15	7°43	24° 6	17°22	15°45	15°35	13°54	n.a.	T 17
F 18	5 25 39	22° 3'22	14°41	1° 4	26°55	9°40	25°34	24°11	7°41	24° 8	17°21	15°45	15°32	14° 1	n.a.	F 18
S 19	5 29 36	23° 4'30	26°34	1°16	28°11	9°38	25°33	24° 7	7°40	24°10	17°20	15°46	15°28	14° 8	n.a.	S 19
S 20	5 33 32	24° 5'37	8♉32	1°36	29°26	9°35	25°32	24° 3	7°38	24°12	17°19	15°47	15°25	14°15	n.a.	S 20
M21	5 37 29	25° 6'44	20°39	2° 2	0♑41	9°32	25°31	23°59	7°37	24°15	17°18	15°48	15°22	14°21	n.a.	M21
T 22	5 41 25	26° 7'49	2♊59	2°34	1°57	9°28	25°30	23°55	7°35	24°17	17°17	15°49	15°19	14°28	n.a.	T 22
W23	5 45 22	27° 8'53	15°33	3°12	3°12	9°23	25°29	23°51	7°34	24°19	17°17	15°R49	15°16	14°35	n.a.	W23
T 24	5 49 18	28° 9'56	28°22	3°54	4°27	9°17	25°29	23°48	7°32	24°20	17°16	15°49	15°13	14°41	n.a.	T 24
F 25	5 53 15	29°10'58	11♋27	4°41	5°42	9°10	25°28	23°44	7°31	24°22	17°15	15°48	15° 9	14°48	n.a.	F 25
S 26	5 57 12	0♑12'00	24°46	5°32	6°58	9° 3	25°D28	23°41	7°30	24°24	17°14	15°46	15° 6	14°55	n.a.	S 26
S 27	6 1 8	1°13'00	8♌20	6°26	8°13	8°55	25°28	23°37	7°29	24°26	17°13	15°44	15° 3	15° 1	n.a.	S 27
M28	6 5 5	2°14'00	22° 4	7°23	9°28	8°46	25°29	23°34	7°27	24°28	17°12	15°42	15° 0	15° 8	n.a.	M28
T 29	6 9 1	3°14'58	5♍59	8°24	10°43	8°36	25°29	23°31	7°26	24°30	17°12	15°39	14°57	15°15	n.a.	T 29
W30	6 12 58	4°15'56	20° 1	9°27	11°58	8°26	25°30	23°28	7°25	24°32	17°11	15°38	14°53	15°22	n.a.	W30
T 31	6 16 54	5♑16'53	4♎ 8	10♐32	13♑14	8♌14	25♈31	23♉24	7♉24	24♏34	17♉10	15°D37	14♊50	15♈28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21 s20	17n55	4n57	22 s 0	0n56	21 s46	0 s16	21n11	2n54	9n15	1 s11	17n42	1 s43	14n 7	0 s19	17 s24	1n32	8n22	9 s18	22n58	23n 2	0n35			n.a.
W 2	21 32	13 6	5 15	21 34	1 16	22 1	0 18	21 11	2 56	9 14	1 10	17 41	1 43	14 7	0 19	17 24	1 32	8 22	9 18	22 58	23 2	0 38			n.a.
T 3	21 42	7 30	5 14	21 7	1 36	22 16	0 21	21 10	2 58	9 12	1 10	17 40	1 43	14 6	0 19	17 25	1 32	8 22	9 18	22 58	23 1	0 41			n.a.
F 4	21 53	1 25	4 54	20 39	1 55	22 30	0 23	21 10	3 1	9 11	1 10	17 39	1 43	14 5	0 19	17 26	1 32	8 22	9 18	22 58	23 1	0 44			n.a.
S 5	22 2	4 s49	4 15	20 11	2 12	22 44	0 25	21 10	3 3	9 10	1 9	17 38	1 43	14 5	0 19	17 26	1 32	8 21	9 18	22 58	23 1	0 47			n.a.
S 6	22 12	10 51	3 19	19 43	2 29	22 57	0 28	21 11	3 5	9 8	1 9	17 37	1 43	14 4	0 19	17 27	1 32	8 21	9 18	22 58	23 0	0 50			n.a.
M 7	22 21	16 17	2 10	19 17	2 43	23 9	0 30	21 11	3 7	9 7	1 9	17 36	1 42	14 3	0 19	17 27	1 32	8 21	9 17	22 58	23 0	0 53			n.a.
T 8	22 29	20 43	0 53	18 53	2 55	23 20	0 32	21 12	3 10	9 6	1 9	17 35	1 42	14 3	0 19	17 28	1 32	8 21	9 17	22 58	23 0	0 56			n.a.
W 9	22 37	23 48	0 s26	18 31	3 4	23 31	0 34	21 12	3 12	9 5	1 8	17 34	1 42	14 2	0 19	17 28	1 32	8 21	9 17	22 58	22 59	0 59			n.a.
T 10	22 45	25 21	1 42	18 12	3 11	23 41	0 36	21 13	3 14	9 4	1 8	17 33	1 42	14 1	0 19	17 29	1 32	8 21	9 17	22 58	22 59	1 2			n.a.
F 11	22 52	25 19	2 50	17 56	3 16	23 50	0 39	21 14	3 17	9 3	1 8	17 32	1 42	14 1	0 19	17 29	1 32	8 20	9 17	22 58	22 59	1 5			n.a.
S 12	22 59	23 49	3 47	17 44	3 19	23 59	0 41	21 16	3 19	9 3	1 7	17 31	1 42	14 0	0 19	17 30	1 32	8 20	9 17	22 58	22 58	1 8			n.a.
S 13	23 5	21 6	4 30	17 35	3 19	24 7	0 43	21 17	3 22	9 2	1 7	17 30	1 42	14 0	0 19	17 30	1 32	8 20	9 17	22 58	22 58	1 11			n.a.
M14	23 11	17 28	5 0	17 31	3 18	24 14	0 45	21 19	3 24	9 1	1 7	17 29	1 41	13 59	0 19	17 31	1 32	8 20	9 16	22 58	22 58	1 14			n.a.
T 15	23 16	13 11	5 15	17 29	3 15	24 20	0 47	21 21	3 26	9 1	1 6	17 28	1 41	13 59	0 19	17 31	1 32	8 20	9 16	22 58	22 57	1 17			n.a.
W16	23 21	8 28	5 16	17 31	3 11	24 26	0 49	21 23	3 29	9 0	1 6	17 27	1 41	13 58	0 19	17 32	1 32	8 20	9 16	22 58	22 57	1 20			n.a.
T 17	23 26	3 29	5 3	17 35	3 5	24 31	0 51	21 26	3 31	9 0	1 6	17 26	1 41	13 58	0 19	17 32	1 32	8 20	9 16	22 58	22 57	1 23			n.a.
F 18	23 30	1n36	4 38	17 43	2 59	24 35	0 53	21 28	3 34	8 59	1 6	17 26	1 41	13 57	0 19	17 33	1 32	8 20	9 16	22 58	22 56	1 26			n.a.
S 19	23 33	6 38	4 0	17 52	2 52	24 38	0 55	21 31	3 36	8 59	1 5	17 25	1 40	13 57	0 19	17 33	1 32	8 20	9 16	22 58	22 56	1 29			n.a.
S 20	23 36	11 29	3 12	18 4	2 44	24 41	0 57	21 34	3 38	8 59	1 5	17 24	1 40	13 56	0 19	17 34	1 32	8 19	9 16	22 58	22 56	1 32			n.a.
M21	23 39	15 58	2 15	18 17	2 35	24 42	0 58	21 38	3 41	8 59	1 5	17 23	1 40	13 56	0 19	17 34	1 32	8 19	9 15	22 58	22 55	1 35			n.a.
T 22	23 41	19 52	1 11	18 32	2 27	24 43	1 0	21 41	3 43	8 59	1 4	17 22	1 40	13 55	0 19	17 35	1 32	8 19	9 15	22 58	22 55	1 38			n.a.
W23	23 42	22 55	0 1	18 48	2 18	24 44	1 2	21 45	3 46	8 59	1 4	17 22	1 40	13 55	0 19	17 35	1 32	8 19	9 15	22 58	22 55	1 41			n.a.
T 24	23 43	24 52	1n 9	19 5	2 8	24 43	1 4	21 49	3 48	8 59	1 4	17 21	1 39	13 54	0 19	17 36	1 32	8 19	9 15	22 58	22 54	1 44			n.a.
F 25	23 44	25 31	2 17	19 23	1 59	24 42	1 5	21 53	3 50	8 59	1 3	17 20	1 39	13 54	0 19	17 36	1 33	8 19	9 15	22 58	22 54	1 47			n.a.
S 26	23 44	24 42	3 19	19 42	1 49	24 40	1 7	21 57	3 53	8 59	1 3	17 20	1 39	13 53	0 19	17 37	1 33	8 19	9 14	22 58	22 53	1 50			n.a.
S 27	23 44	22 26	4 11	20 1	1 40	24 37	1 8	22 1	3 55	9 0	1 3	17 19	1 39	13 53	0 19	17 37	1 33	8 19	9 14	22 58	22 53	1 53			n.a.
M28	23 43	18 52	4 49	20 20	1 30	24 33	1 10	22 6	3 57	9 0	1 2	17 18	1 39	13 53	0 19	17 38	1 33	8 19	9 14	22 57	22 53	1 56			n.a.
T 29	23 42	14 14	5 11	20 39	1 21	24 29	1 11	22 11	4 0	9 1	1 2	17 18	1 38	13 52	0 18	17 38	1 33	8 19	9 14	22 57	22 52	1 59			n.a.
W30	23 40	8 49	5 14	20 58	1 11	24 24	1 13	22 16	4 2	9 1	1 2	17 17	1 38	13 52	0 18	17 38	1 33	8 19	9 14	22 57	22 52	2 2			n.a.
T 31	23 s38	2n54	4n59	21 s17	1n 2	24 s18	1 s14	22n21	4n 4	9n 2	1 s 2	17n17	1 s38	13n52	0 s18	17 s39	1n33	8n19	9 s14	22n57	22n52	2n 5			n.a.

Julian Day Number = 1602685.5, Delta T = 03h58m10s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'37, Lahiri = - 8°26'36 Julian Calendar 1 Dec. 326 BCE == Greg. Calendar 26 Nov. 326 BCE

The year -325 astronomical counting style corresponds to year 326 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

JANUARY 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 20 51	6♑17'49	18♎19	11♐40	14♑29	8°R 2	25♈32	23°R22	7°R23	24♏36	17°R 9	15♊38	14♊47	15♈35	n.a.	F 1
S 2	6 24 47	7°18'44	2♏32	12°50	15°44	7♌49	25°34	23♉19	7♉22	24°37	17♉ 9	15°39	14°44	15°42	n.a.	S 2
S 3	6 28 44	8°19'38	16°44	14° 2	16°59	7°36	25°35	23°16	7°21	24°39	17° 8	15°40	14°41	15°48	n.a.	S 3
M 4	6 32 41	9°20'31	0♐52	15°16	18°14	7°21	25°37	23°13	7°20	24°41	17° 7	15°42	14°38	15°55	n.a.	M 4
T 5	6 36 37	10°21'23	14°55	16°31	19°29	7° 6	25°39	23°11	7°20	24°43	17° 7	15°R42	14°34	16° 2	n.a.	T 5
W 6	6 40 34	11°22'14	28°48	17°47	20°44	6°50	25°41	23° 8	7°19	24°44	17° 6	15°42	14°31	16° 9	n.a.	W 6
T 7	6 44 30	12°23'04	12♑29	19° 6	21°59	6°33	25°44	23° 6	7°18	24°46	17° 6	15°40	14°28	16°15	n.a.	T 7
F 8	6 48 27	13°23'52	25°54	20°25	23°15	6°16	25°46	23° 3	7°18	24°48	17° 5	15°36	14°25	16°22	n.a.	F 8
S 9	6 52 23	14°24'39	9♒ 1	21°46	24°30	5°58	25°49	23° 1	7°17	24°49	17° 4	15°32	14°22	16°29	n.a.	S 9
S 10	6 56 20	15°25'24	21°51	23° 8	25°45	5°40	25°52	22°59	7°16	24°51	17° 4	15°27	14°19	16°35	n.a.	S 10
M11	7 0 16	16°26'07	4♓23	24°31	27° 0	5°21	25°55	22°57	7°16	24°53	17° 3	15°21	14°15	16°42	n.a.	M11
T 12	7 4 13	17°26'48	16°40	25°55	28°15	5° 1	25°58	22°55	7°16	24°54	17° 3	15°17	14°12	16°49	n.a.	T 12
W13	7 8 10	18°27'28	28°43	27°21	29°30	4°41	26° 2	22°54	7°15	24°56	17° 2	15°13	14° 9	16°55	n.a.	W13
T 14	7 12 6	19°28'06	10♈39	28°47	0♒45	4°20	26° 6	22°52	7°15	24°57	17° 2	15°11	14° 6	17° 2	n.a.	T 14
F 15	7 16 3	20°28'42	22°30	0♑14	1°59	3°59	26°10	22°50	7°15	24°59	17° 1	15°D11	14° 3	17° 9	n.a.	F 15
S 16	7 19 59	21°29'16	4♉22	1°43	3°14	3°37	26°14	22°49	7°14	25° 0	17° 1	15°12	13°59	17°16	n.a.	S 16
S 17	7 23 56	22°29'48	16°20	3°12	4°29	3°15	26°18	22°48	7°14	25° 2	17° 0	15°13	13°56	17°22	n.a.	S 17
M18	7 27 52	23°30'18	28°28	4°42	5°44	2°53	26°22	22°47	7°14	25° 3	17° 0	15°15	13°53	17°29	n.a.	M18
T 19	7 31 49	24°30'46	10♊53	6°14	6°59	2°30	26°27	22°45	7°14	25° 4	17° 0	15°R16	13°50	17°36	n.a.	T 19
W20	7 35 45	25°31'13	23°35	7°46	8°14	2° 7	26°32	22°45	7°D14	25° 6	16°59	15°16	13°47	17°42	n.a.	W20
T 21	7 39 42	26°31'38	6♋39	9°19	9°29	1°44	26°37	22°44	7°14	25° 7	16°59	15°14	13°44	17°49	n.a.	T 21
F 22	7 43 39	27°32'00	20° 4	10°53	10°43	1°20	26°42	22°43	7°14	25° 8	16°59	15°10	13°40	17°56	n.a.	F 22
S 23	7 47 35	28°32'21	3♌49	12°28	11°58	0°57	26°47	22°42	7°14	25°10	16°58	15° 4	13°37	18° 2	n.a.	S 23
S 24	7 51 32	29°32'40	17°51	14° 5	13°13	0°33	26°53	22°42	7°15	25°11	16°58	14°57	13°34	18° 9	n.a.	S 24
M25	7 55 28	0♒32'57	2♍ 5	15°42	14°27	0° 9	26°58	22°41	7°15	25°12	16°58	14°49	13°31	18°16	n.a.	M25
T 26	7 59 25	1°33'13	16°26	17°20	15°42	29♋45	27° 4	22°41	7°15	25°13	16°58	14°42	13°28	18°23	n.a.	T 26
W27	8 3 21	2°33'27	0♎49	18°59	16°57	29°22	27°10	22°41	7°15	25°14	16°58	14°37	13°25	18°29	n.a.	W27
T 28	8 7 18	3°33'39	15° 8	20°39	18°11	28°58	27°16	22°D41	7°16	25°15	16°57	14°33	13°21	18°36	n.a.	T 28
F 29	8 11 14	4°33'49	29°21	22°20	19°26	28°34	27°23	22°41	7°16	25°17	16°57	14°D31	13°18	18°43	n.a.	F 29
S 30	8 15 11	5°33'58	13♏26	24° 2	20°41	28°11	27°29	22°41	7°17	25°18	16°57	14°31	13°15	18°49	n.a.	S 30
S 31	8 19 8	6♒34'06	27♏21	25♑45	21♒55	27♋48	27♈36	22♉41	7♉17	25♏19	16♉57	14♊32	13♊12	18♈56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s35	3s11	4n26	21s36	0n53	24s11	1s15	22n26	4n 6	9n 3	1s 1	17n16	1s38	13n51	0s18	17s39	1n33	8n19	9s13	22n57	22n51	2n 8		n.a.
S 2	23 32	9 7	3 36	21 54	0 43	24 4	1 16	22 32	4 8	9 3	1 1	17 16	1 37	13 51	0 18	17 40	1 33	8 19	9 13	22 57	22 51	2 11		n.a.
S 3	23 28	14 36	2 33	22 12	0 34	23 55	1 18	22 37	4 10	9 4	1 1	17 15	1 37	13 51	0 18	17 40	1 33	8 19	9 13	22 57	22 51	2 14		n.a.
M 4	23 24	19 16	1 21	22 29	0 25	23 47	1 19	22 43	4 12	9 5	1 0	17 15	1 37	13 51	0 18	17 40	1 33	8 19	9 13	22 57	22 50	2 17		n.a.
T 5	23 20	22 48	0 4	22 46	0 17	23 37	1 20	22 49	4 14	9 6	1 0	17 14	1 37	13 50	0 18	17 41	1 33	8 19	9 12	22 57	22 50	2 20		n.a.
W 6	23 14	24 55	1s11	23 2	0 8	23 27	1 21	22 55	4 16	9 7	1 0	17 14	1 37	13 50	0 18	17 41	1 33	8 19	9 12	22 57	22 49	2 23		n.a.
T 7	23 9	25 30	2 22	23 17	0s 0	23 16	1 22	23 1	4 18	9 8	0 59	17 13	1 36	13 50	0 18	17 42	1 33	8 19	9 12	22 57	22 49	2 26		n.a.
F 8	23 3	24 33	3 23	23 31	0 8	23 4	1 23	23 8	4 20	9 10	0 59	17 13	1 36	13 50	0 18	17 42	1 33	8 19	9 12	22 57	22 49	2 29		n.a.
S 9	22 57	22 15	4 11	23 45	0 16	22 51	1 24	23 14	4 22	9 11	0 59	17 13	1 36	13 50	0 18	17 42	1 33	8 19	9 12	22 56	22 48	2 32		n.a.
S 10	22 50	18 54	4 46	23 57	0 24	22 38	1 24	23 20	4 23	9 12	0 59	17 12	1 36	13 49	0 18	17 43	1 33	8 19	9 11	22 56	22 48	2 35		n.a.
M11	22 43	14 46	5 6	24 9	0 32	22 24	1 25	23 27	4 25	9 14	0 58	17 12	1 35	13 49	0 18	17 43	1 33	8 19	9 11	22 55	22 48	2 38		n.a.
T 12	22 35	10 6	5 12	24 19	0 39	22 10	1 26	23 33	4 26	9 15	0 58	17 12	1 35	13 49	0 18	17 43	1 33	8 19	9 11	22 55	22 47	2 41		n.a.
W13	22 27	5 9	5 4	24 28	0 46	21 55	1 26	23 39	4 28	9 17	0 58	17 12	1 35	13 49	0 18	17 44	1 33	8 19	9 11	22 54	22 47	2 44		n.a.
T 14	22 18	0 3	4 42	24 37	0 53	21 39	1 27	23 46	4 29	9 18	0 57	17 12	1 35	13 49	0 18	17 44	1 33	8 19	9 11	22 54	22 46	2 47		n.a.
F 15	22 9	5n 1	4 9	24 43	0 59	21 23	1 27	23 52	4 30	9 20	0 57	17 11	1 34	13 49	0 18	17 44	1 33	8 20	9 10	22 54	22 46	2 50		n.a.
S 16	22 0	9 56	3 24	24 49	1 6	21 6	1 28	23 59	4 32	9 22	0 57	17 11	1 34	13 49	0 18	17 45	1 33	8 20	9 10	22 54	22 46	2 53		n.a.
S 17	21 50	14 31	2 31	24 53	1 12	20 48	1 28	24 5	4 33	9 24	0 56	17 11	1 34	13 49	0 18	17 45	1 33	8 20	9 10	22 54	22 45	2 56		n.a.
M18	21 40	18 36	1 30	24 56	1 17	20 30	1 28	24 11	4 34	9 26	0 56	17 11	1 34	13 49	0 18	17 45	1 33	8 20	9 10	22 54	22 45	2 59		n.a.
T 19	21 29	21 57	0 24	24 58	1 23	20 11	1 29	24 18	4 35	9 28	0 56	17 11	1 33	13 49	0 18	17 46	1 33	8 20	9 9	22 55	22 45	3 2		n.a.
W20	21 18	24 20	0n45	24 58	1 28	19 51	1 29	24 24	4 35	9 30	0 56	17 11	1 33	13 49	0 18	17 46	1 33	8 20	9 9	22 55	22 44	3 5		n.a.
T 21	21 7	25 27	1 53	24 57	1 33	19 32	1 29	24 30	4 36	9 32	0 55	17 11	1 33	13 49	0 18	17 46	1 33	8 20	9 9	22 54	22 44	3 8		n.a.
F 22	20 55	25 8	2 57	24 54	1 37	19 11	1 29	24 36	4 36	9 34	0 55	17 11	1 33	13 49	0 18	17 47	1 33	8 20	9 9	22 54	22 43	3 11		n.a.
S 23	20 42	23 18	3 52	24 50	1 42	18 50	1 29	24 42	4 37	9 36	0 55	17 11	1 32	13 49	0 18	17 47	1 33	8 21	9 8	22 53	22 43	3 14		n.a.
S 24	20 30	20 1	4 34	24 44	1 46	18 28	1 29	24 47	4 37	9 38	0 55	17 11	1 32	13 49	0 18	17 47	1 33	8 21	9 8	22 52	22 43	3 17		n.a.
M25	20 17	15 31	5 0	24 36	1 49	18 6	1 28	24 53	4 37	9 41	0 54	17 12	1 32	13 49	0 18	17 47	1 34	8 21	9 8	22 52	22 42	3 20		n.a.
T 26	20 4	10 8	5 8	24 27	1 52	17 44	1 28	24 58	4 38	9 43	0 54	17 12	1 32	13 49	0 18	17 48	1 34	8 21	9 8	22 51	22 42	3 23		n.a.
W27	19 50	4 11	4 56	24 16	1 55	17 21	1 28	25 3	4 38	9 45	0 54	17 12	1 31	13 49	0 18	17 48	1 34	8 21	9 7	22 50	22 41	3 26		n.a.
T 28	19 36	1s58	4 25	24 4	1 58	16 57	1 27	25 8	4 37	9 48	0 53	17 12	1 31	13 50	0 18	17 48	1 34	8 21	9 7	22 50	22 41	3 29		n.a.
F 29	19 21	7 58	3 39	23 50	2 0	16 33	1 27	25 13	4 37	9 50	0 53	17 12	1 31	13 50	0 18	17 48	1 34	8 22	9 7	22 49	22 41	3 32		n.a.
S 30	19 7	13 32	2 39	23 34	2 2	16 8	1 26	25 18	4 37	9 53	0 53	17 13	1 31	13 50	0 18	17 48	1 34	8 22	9 7	22 50	22 40	3 36		n.a.
S 31	18s52	18s20	1n31	23s16	2s 3	15s44	1s26	25n22	4n36	9n56	0s53	17n13	1s30	13n50	0s18	17s49	1n34	8n22	9s 7	22n50	22n40	3n39		n.a.

Julian Day Number = 1602716.5, Delta T = 03h58m09s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'32, Lahiri = - 8°26'32 Julian Calendar 1 Jan. 325 BCE == Greg. Calendar 27 Dec. 326 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

FEBRUARY 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 23 4	7♒34'11	11♐ 7	27♑30	23♒10	27°R25	27♈43	22♉42	7♉18	25♏20	16°R57	14°R33	13♊ 9	19♈ 3	n.a.	M 1
T 2	8 27 1	8°34'16	24°43	29°15	24°24	27♋ 2	27°50	22°42	7°19	25°21	16♉57	14♊33	13° 5	19° 9	n.a.	T 2
W 3	8 30 57	9°34'18	8♑ 9	1♒ 1	25°39	26°40	27°57	22°43	7°20	25°22	16°57	14°30	13° 2	19°16	n.a.	W 3
T 4	8 34 54	10°34'18	21°25	2°49	26°53	26°18	28° 4	22°44	7°20	25°22	16°D57	14°25	12°59	19°23	n.a.	T 4
F 5	8 38 50	11°34'17	4♒29	4°37	28° 8	25°56	28°11	22°44	7°21	25°23	16°57	14°17	12°56	19°30	n.a.	F 5
S 6	8 42 47	12°34'13	17°21	6°27	29°22	25°35	28°19	22°45	7°22	25°24	16°57	14° 8	12°53	19°36	n.a.	S 6
S 7	8 46 43	13°34'08	29°59	8°18	0♓37	25°14	28°27	22°46	7°23	25°25	16°57	13°56	12°50	19°43	n.a.	S 7
M 8	8 50 40	14°34'00	12♓24	10°10	1°51	24°54	28°34	22°48	7°24	25°26	16°57	13°45	12°46	19°50	n.a.	M 8
T 9	8 54 37	15°33'50	24°36	12° 3	3° 5	24°35	28°42	22°49	7°25	25°27	16°57	13°34	12°43	19°56	n.a.	T 9
W10	8 58 33	16°33'37	6♈38	13°57	4°20	24°16	28°51	22°50	7°26	25°27	16°57	13°25	12°40	20° 3	n.a.	W10
T 11	9 2 30	17°33'23	18°32	15°52	5°34	23°57	28°59	22°52	7°27	25°28	16°57	13°19	12°37	20°10	n.a.	T 11
F 12	9 6 26	18°33'06	0♉22	17°49	6°48	23°40	29° 7	22°53	7°28	25°29	16°57	13°15	12°34	20°16	n.a.	F 12
S 13	9 10 23	19°32'46	12°12	19°46	8° 2	23°23	29°16	22°55	7°30	25°29	16°58	13°13	12°31	20°23	n.a.	S 13
S 14	9 14 19	20°32'25	24° 8	21°44	9°16	23° 6	29°24	22°57	7°31	25°30	16°58	13°D13	12°27	20°30	n.a.	S 14
M15	9 18 16	21°32'01	6♊15	23°43	10°31	22°51	29°33	22°59	7°32	25°30	16°58	13°13	12°24	20°36	n.a.	M15
T 16	9 22 12	22°31'34	18°39	25°42	11°45	22°36	29°42	23° 1	7°34	25°31	16°58	13°R13	12°21	20°43	n.a.	T 16
W17	9 26 9	23°31'06	1♋23	27°42	12°59	22°21	29°51	23° 3	7°35	25°31	16°59	13°12	12°18	20°50	n.a.	W17
T 18	9 30 6	24°30'35	14°32	29°43	14°13	22° 8	0♉ 0	23° 5	7°37	25°32	16°59	13° 8	12°15	20°57	n.a.	T 18
F 19	9 34 2	25°30'01	28° 8	1♓44	15°27	21°55	0° 9	23° 8	7°38	25°32	16°59	13° 2	12°11	21° 3	n.a.	F 19
S 20	9 37 59	26°29'26	12♌10	3°44	16°41	21°43	0°19	23°10	7°40	25°32	17° 0	12°53	12° 8	21°10	n.a.	S 20
S 21	9 41 55	27°28'48	26°34	5°45	17°55	21°32	0°28	23°13	7°41	25°33	17° 0	12°42	12° 5	21°17	n.a.	S 21
M22	9 45 52	28°28'08	11♍15	7°44	19° 9	21°22	0°38	23°16	7°43	25°33	17° 0	12°31	12° 2	21°23	n.a.	M22
T 23	9 49 48	29°27'25	26° 3	9°43	20°22	21°12	0°48	23°18	7°45	25°33	17° 1	12°20	11°59	21°30	n.a.	T 23
W24	9 53 45	0♓26'41	10♎52	11°41	21°36	21° 3	0°57	23°21	7°47	25°34	17° 1	12°11	11°56	21°37	n.a.	W24
T 25	9 57 41	1°25'55	25°33	13°37	22°50	20°55	1° 7	23°24	7°48	25°34	17° 2	12° 5	11°52	21°43	n.a.	T 25
F 26	10 1 38	2°25'07	10♏ 0	15°31	24° 4	20°48	1°17	23°27	7°50	25°34	17° 2	12° 1	11°49	21°50	n.a.	F 26
S 27	10 5 34	3°24'17	24°11	17°23	25°17	20°42	1°28	23°31	7°52	25°34	17° 3	12° 0	11°46	21°57	n.a.	S 27
S 28	10 9 31	4°23'25	8♐ 4	19°12	26°31	20°36	1°38	23°34	7°54	25°34	17° 3	12° 0	11°43	22° 3	n.a.	S 28
M29	10 13 28	5♓22'32	21♐40	20♓58	27♓45	20♋31	1♉48	23♉37	7♉56	25♏34	17♉ 4	12♊ 0	11♊40	22♈10	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s36	22s 5	0n18	22s56	2s 4	15s18	1s25	25n26	4n36	9n58	0s52	17n13	1s30	13n50	0s18	17s49	1n34	8n22	9s 6	22n50	22n39	3n42		n.a.
T 2	18 21	24 32	0s54	22 35	2 4	14 52	1 24	25 30	4 35	10 1	0 52	17 14	1 30	13 51	0 18	17 49	1 34	8 22	9 6	22 50	22 39	3 45		n.a.
W 3	18 5	25 32	2 3	22 12	2 4	14 26	1 24	25 34	4 34	10 4	0 52	17 14	1 30	13 51	0 18	17 49	1 34	8 23	9 6	22 49	22 39	3 48		n.a.
T 4	17 48	25 2	3 4	21 47	2 4	14 0	1 23	25 38	4 34	10 7	0 52	17 15	1 29	13 51	0 18	17 49	1 34	8 23	9 6	22 49	22 38	3 51		n.a.
F 5	17 32	23 10	3 54	21 20	2 3	13 33	1 22	25 41	4 33	10 10	0 51	17 15	1 29	13 52	0 18	17 50	1 34	8 23	9 5	22 48	22 38	3 54		n.a.
S 6	17 15	20 8	4 32	20 51	2 1	13 6	1 21	25 44	4 32	10 13	0 51	17 15	1 29	13 52	0 18	17 50	1 34	8 23	9 5	22 47	22 37	3 57		n.a.
S 7	16 57	16 12	4 55	20 20	1 59	12 38	1 20	25 47	4 30	10 16	0 51	17 16	1 29	13 52	0 18	17 50	1 34	8 24	9 5	22 45	22 37	4 0		n.a.
M 8	16 40	11 39	5 3	19 47	1 57	12 10	1 19	25 49	4 29	10 19	0 51	17 17	1 28	13 53	0 17	17 50	1 34	8 24	9 5	22 44	22 37	4 3		n.a.
T 9	16 22	6 43	4 58	19 13	1 54	11 42	1 18	25 52	4 28	10 22	0 50	17 17	1 28	13 53	0 17	17 50	1 34	8 24	9 4	22 43	22 36	4 6		n.a.
W10	16 4	1 36	4 39	18 36	1 50	11 14	1 16	25 54	4 26	10 25	0 50	17 18	1 28	13 53	0 17	17 50	1 34	8 24	9 4	22 42	22 36	4 9		n.a.
T 11	15 46	3n31	4 9	17 58	1 46	10 45	1 15	25 56	4 25	10 28	0 50	17 18	1 28	13 54	0 17	17 50	1 34	8 25	9 4	22 41	22 35	4 12		n.a.
F 12	15 27	8 30	3 27	17 18	1 42	10 16	1 14	25 57	4 23	10 31	0 50	17 19	1 27	13 54	0 17	17 51	1 34	8 25	9 4	22 40	22 35	4 15		n.a.
S 13	15 8	13 12	2 37	16 36	1 36	9 46	1 12	25 59	4 22	10 35	0 49	17 20	1 27	13 55	0 17	17 51	1 34	8 25	9 3	22 40	22 35	4 18		n.a.
S 14	14 49	17 26	1 40	15 52	1 31	9 17	1 11	26 0	4 20	10 38	0 49	17 20	1 27	13 55	0 17	17 51	1 34	8 26	9 3	22 40	22 34	4 21		n.a.
M15	14 30	21 1	0 37	15 6	1 24	8 47	1 9	26 1	4 18	10 41	0 49	17 21	1 27	13 55	0 17	17 51	1 34	8 26	9 3	22 40	22 34	4 24		n.a.
T 16	14 11	23 43	0n29	14 19	1 17	8 17	1 8	26 2	4 17	10 45	0 49	17 22	1 26	13 56	0 17	17 51	1 34	8 26	9 3	22 40	22 33	4 27		n.a.
W17	13 51	25 19	1 35	13 30	1 9	7 47	1 6	26 2	4 15	10 48	0 48	17 23	1 26	13 56	0 17	17 51	1 35	8 26	9 2	22 40	22 33	4 30		n.a.
T 18	13 31	25 33	2 38	12 40	1 1	7 16	1 4	26 3	4 13	10 52	0 48	17 24	1 26	13 57	0 17	17 51	1 35	8 27	9 2	22 39	22 32	4 33		n.a.
F 19	13 11	24 17	3 34	11 48	0 53	6 46	1 3	26 3	4 11	10 55	0 48	17 24	1 26	13 57	0 17	17 51	1 35	8 27	9 2	22 39	22 32	4 36		n.a.
S 20	12 50	21 30	4 19	10 56	0 43	6 15	1 1	26 3	4 9	10 59	0 48	17 25	1 25	13 58	0 17	17 51	1 35	8 27	9 2	22 37	22 32	4 39		n.a.
S 21	12 30	17 20	4 49	10 2	0 33	5 44	0 59	26 3	4 7	11 2	0 48	17 26	1 25	13 59	0 17	17 51	1 35	8 28	9 1	22 36	22 31	4 42		n.a.
M22	12 9	12 4	5 1	9 7	0 23	5 13	0 57	26 2	4 5	11 6	0 47	17 27	1 25	13 59	0 17	17 51	1 35	8 28	9 1	22 35	22 31	4 45		n.a.
T 23	11 48	6 3	4 53	8 12	0 12	4 42	0 55	26 2	4 3	11 9	0 47	17 28	1 25	14 0	0 17	17 51	1 35	8 28	9 1	22 33	22 30	4 48		n.a.
W24	11 27	0s18	4 25	7 17	0 1	4 11	0 53	26 1	4 0	11 13	0 47	17 29	1 24	14 0	0 17	17 51	1 35	8 29	9 1	22 32	22 30	4 51		n.a.
T 25	11 6	6 36	3 39	6 21	0n11	3 39	0 51	26 0	3 58	11 17	0 47	17 30	1 24	14 1	0 17	17 51	1 35	8 29	9 0	22 31	22 29	4 54		n.a.
F 26	10 44	12 28	2 41	5 26	0 23	3 8	0 49	25 59	3 56	11 21	0 47	17 31	1 24	14 2	0 17	17 51	1 35	8 29	9 0	22 31	22 29	4 57		n.a.
S 27	10 23	17 33	1 33	4 31	0 35	2 36	0 47	25 58	3 54	11 24	0 46	17 32	1 24	14 2	0 17	17 51	1 35	8 30	9 0	22 30	22 29	5 0		n.a.
S 28	10 1	21 35	0 21	3 36	0 47	2 5	0 44	25 57	3 52	11 28	0 46	17 33	1 23	14 3	0 17	17 51	1 35	8 30	9 0	22 30	22 28	5 3		n.a.
M29	9s39	24s19	0s51	2s43	1n 0	1s33	0s42	25n55	3n49	11n32	0s46	17n34	1s23	14n 3	0s17	17s51	1n35	8n31	9s 0	22n30	22n28	5n 6		n.a.

Julian Day Number = 1602747.5, Delta T = 03h58m08s
Ecliptic obliquity = 23°44'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'28, Lahiri = - 8°26'28 Julian Calendar 1 Feb. 325 BCE == Greg. Calendar 27 Jan. 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

MARCH 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 17 24	6♓21'36	5♉ 0	22♓40	28♓58	20°R27	1♉59	23♉41	7♉58	25♏34	17♉ 4	11°R58	11♊36	22♈17	n.a.	T 1
W 2	10 21 21	7°20'39	18° 7	24°18	0♈12	20♋23	2° 9	23°44	8° 0	25°R34	17° 5	11♊54	11°33	22°24	n.a.	W 2
T 3	10 25 17	8°19'40	1♒ 2	25°52	1°25	20°21	2°20	23°48	8° 2	25°34	17° 5	11°48	11°30	22°30	n.a.	T 3
F 4	10 29 14	9°18'39	13°45	27°21	2°39	20°19	2°31	23°52	8° 4	25°34	17° 6	11°38	11°27	22°37	n.a.	F 4
S 5	10 33 10	10°17'36	26°18	28°45	3°52	20°18	2°42	23°56	8° 7	25°34	17° 7	11°26	11°24	22°44	n.a.	S 5
S 6	10 37 7	11°16'30	8♓41	0♈ 4	5° 6	20°D18	2°52	24° 0	8° 9	25°34	17° 7	11°12	11°21	22°50	n.a.	S 6
M 7	10 41 3	12°15'23	20°55	1°18	6°19	20°18	3° 4	24° 4	8°11	25°34	17° 8	10°58	11°17	22°57	n.a.	M 7
T 8	10 45 0	13°14'14	2♈59	2°26	7°33	20°19	3°15	24° 8	8°13	25°34	17° 9	10°45	11°14	23° 4	n.a.	T 8
W 9	10 48 57	14°13'02	14°56	3°28	8°46	20°21	3°26	24°12	8°16	25°34	17° 9	10°33	11°11	23°10	n.a.	W 9
T 10	10 52 53	15°11'48	26°47	4°24	9°59	20°24	3°37	24°16	8°18	25°33	17°10	10°24	11° 8	23°17	n.a.	T 10
F 11	10 56 50	16°10'32	8♉35	5°14	11°12	20°27	3°49	24°21	8°21	25°33	17°11	10°18	11° 5	23°24	n.a.	F 11
S 12	11 0 46	17° 9'13	20°25	5°58	12°25	20°31	4° 0	24°25	8°23	25°33	17°12	10°15	11° 2	23°30	n.a.	S 12
S 13	11 4 43	18° 7'53	2♊19	6°35	13°39	20°36	4°11	24°30	8°25	25°32	17°12	10°13	10°58	23°37	n.a.	S 13
M14	11 8 39	19° 6'30	14°24	7° 6	14°52	20°41	4°23	24°35	8°28	25°32	17°13	10°13	10°55	23°44	n.a.	M14
T 15	11 12 36	20° 5'04	26°45	7°31	16° 5	20°47	4°35	24°39	8°31	25°32	17°14	10°13	10°52	23°50	n.a.	T 15
W16	11 16 32	21° 3'37	9♋26	7°50	17°18	20°54	4°47	24°44	8°33	25°31	17°15	10°12	10°49	23°57	n.a.	W16
T 17	11 20 29	22° 2'07	22°33	8° 2	18°31	21° 1	4°58	24°49	8°36	25°31	17°16	10° 9	10°46	24° 4	n.a.	T 17
F 18	11 24 26	23° 0'35	6♌ 9	8°R 8	19°43	21° 9	5°10	24°54	8°38	25°30	17°17	10° 3	10°42	24°11	n.a.	F 18
S 19	11 28 22	23°59'01	20°15	8° 8	20°56	21°18	5°22	24°59	8°41	25°30	17°17	9°55	10°39	24°17	n.a.	S 19
S 20	11 32 19	24°57'24	4♍47	8° 2	22° 9	21°27	5°34	25° 4	8°44	25°29	17°18	9°45	10°36	24°24	n.a.	S 20
M21	11 36 15	25°55'46	19°42	7°51	23°22	21°37	5°46	25° 9	8°47	25°29	17°19	9°35	10°33	24°31	n.a.	M21
T 22	11 40 12	26°54'05	4♎49	7°34	24°34	21°47	5°59	25°15	8°49	25°28	17°20	9°24	10°30	24°37	n.a.	T 22
W23	11 44 8	27°52'23	19°58	7°12	25°47	21°58	6°11	25°20	8°52	25°27	17°21	9°16	10°27	24°44	n.a.	W23
T 24	11 48 5	28°50'38	5♏ 0	6°47	26°59	22°10	6°23	25°26	8°55	25°27	17°22	9°10	10°23	24°51	n.a.	T 24
F 25	11 52 1	29°48'53	19°46	6°17	28°12	22°22	6°36	25°31	8°58	25°26	17°23	9° 6	10°20	24°57	n.a.	F 25
S 26	11 55 58	0♈47'05	4♐12	5°44	29°24	22°34	6°48	25°37	9° 1	25°25	17°24	9°D 5	10°17	25° 4	n.a.	S 26
S 27	11 59 54	1°45'16	18°13	5° 8	0♉37	22°48	7° 0	25°42	9° 4	25°24	17°25	9° 5	10°14	25°11	n.a.	S 27
M28	12 3 51	2°43'26	1♑52	4°31	1°49	23° 1	7°13	25°48	9° 7	25°24	17°26	9°R 5	10°11	25°17	n.a.	M28
T 29	12 7 48	3°41'34	15° 9	3°52	3° 2	23°15	7°26	25°54	9°10	25°23	17°27	9° 5	10° 8	25°24	n.a.	T 29
W30	12 11 44	4°39'40	28° 7	3°13	4°14	23°30	7°38	26° 0	9°13	25°22	17°28	9° 2	10° 4	25°31	n.a.	W30
T 31	12 15 41	5♈37'45	10♒50	2♈34	5♉26	23♋45	7♉51	26♉ 6	9♉16	25♏21	17♉29	8♊57	10♊ 1	25♈37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s17	25s37	1s58	1s51	1n12	1s 1	0s40	25n54	3n47	11n36	0s46	17n35	1s23	14n 4	0s17	17s51	1n35	8n31	8s59	22n30	22n27	5n 9			n.a.
W 2	8 55	25 26	2 58	1 0	1 24	0 29	0 37	25 52	3 45	11 40	0 45	17 36	1 23	14 5	0 17	17 51	1 35	8 31	8 59	22 30	22 27	5 12			n.a.
T 3	8 33	23 53	3 48	0 12	1 36	0n 2	0 35	25 50	3 42	11 43	0 45	17 37	1 22	14 6	0 17	17 51	1 35	8 32	8 59	22 29	22 26	5 15			n.a.
F 4	8 11	21 8	4 25	0n35	1 48	0 34	0 33	25 48	3 40	11 47	0 45	17 39	1 22	14 6	0 17	17 51	1 35	8 32	8 59	22 28	22 26	5 19			n.a.
S 5	7 48	17 26	4 49	1 19	1 59	1 6	0 30	25 46	3 38	11 51	0 45	17 40	1 22	14 7	0 17	17 51	1 35	8 32	8 58	22 26	22 26	5 22			n.a.
S 6	7 25	13 1	4 59	2 1	2 10	1 38	0 28	25 44	3 35	11 55	0 45	17 41	1 22	14 8	0 17	17 51	1 35	8 33	8 58	22 24	22 25	5 25			n.a.
M 7	7 3	8 9	4 55	2 40	2 20	2 9	0 25	25 41	3 33	11 59	0 44	17 42	1 22	14 9	0 17	17 51	1 35	8 33	8 58	22 22	22 25	5 28			n.a.
T 8	6 40	3 2	4 38	3 16	2 30	2 41	0 23	25 39	3 31	12 3	0 44	17 43	1 21	14 9	0 17	17 51	1 35	8 34	8 58	22 20	22 24	5 31			n.a.
W 9	6 17	2n 9	4 8	3 49	2 39	3 13	0 20	25 36	3 29	12 7	0 44	17 45	1 21	14 10	0 17	17 51	1 35	8 34	8 58	22 18	22 24	5 34			n.a.
T 10	5 54	7 13	3 28	4 19	2 47	3 44	0 17	25 34	3 26	12 11	0 44	17 46	1 21	14 11	0 17	17 51	1 36	8 34	8 57	22 17	22 23	5 37			n.a.
F 11	5 31	12 2	2 39	4 46	2 54	4 16	0 15	25 31	3 24	12 15	0 44	17 47	1 21	14 12	0 17	17 50	1 36	8 35	8 57	22 16	22 23	5 40			n.a.
S 12	5 8	16 25	1 43	5 9	3 1	4 47	0 12	25 28	3 22	12 20	0 44	17 49	1 20	14 13	0 17	17 50	1 36	8 35	8 57	22 16	22 22	5 43			n.a.
S 13	4 45	20 12	0 42	5 29	3 6	5 18	0 9	25 25	3 19	12 24	0 43	17 50	1 20	14 13	0 17	17 50	1 36	8 36	8 57	22 15	22 22	5 46			n.a.
M14	4 22	23 11	0n22	5 46	3 10	5 50	0 6	25 22	3 17	12 28	0 43	17 51	1 20	14 14	0 17	17 50	1 36	8 36	8 56	22 15	22 22	5 49			n.a.
T 15	3 58	25 8	1 26	5 58	3 13	6 21	0 4	25 19	3 15	12 32	0 43	17 53	1 20	14 15	0 17	17 50	1 36	8 37	8 56	22 15	22 21	5 52			n.a.
W16	3 35	25 52	2 28	6 7	3 15	6 52	0 1	25 15	3 13	12 36	0 43	17 54	1 20	14 16	0 17	17 50	1 36	8 37	8 56	22 15	22 21	5 55			n.a.
T 17	3 12	25 11	3 24	6 13	3 16	7 22	0n 2	25 12	3 10	12 40	0 43	17 55	1 19	14 17	0 17	17 50	1 36	8 37	8 56	22 15	22 20	5 58			n.a.
F 18	2 48	23 1	4 11	6 15	3 15	7 53	0 5	25 9	3 8	12 44	0 42	17 57	1 19	14 18	0 17	17 49	1 36	8 38	8 56	22 14	22 20	6 1			n.a.
S 19	2 25	19 24	4 44	6 13	3 13	8 23	0 8	25 5	3 6	12 49	0 42	17 58	1 19	14 19	0 17	17 49	1 36	8 38	8 55	22 13	22 19	6 4			n.a.
S 20	2 2	14 31	5 0	6 7	3 9	8 53	0 10	25 1	3 4	12 53	0 42	18 0	1 19	14 19	0 17	17 49	1 36	8 39	8 55	22 11	22 19	6 7			n.a.
M21	1 38	8 40	4 57	5 58	3 5	9 23	0 13	24 58	3 2	12 57	0 42	18 1	1 19	14 20	0 17	17 49	1 36	8 39	8 55	22 10	22 18	6 10			n.a.
T 22	1 15	2 14	4 33	5 46	2 58	9 53	0 16	24 54	2 59	13 1	0 42	18 3	1 18	14 21	0 17	17 49	1 36	8 40	8 55	22 8	22 18	6 13			n.a.
W23	0 51	4s22	3 49	5 30	2 50	10 23	0 19	24 50	2 57	13 6	0 42	18 4	1 18	14 22	0 17	17 49	1 36	8 40	8 55	22 7	22 17	6 16			n.a.
T 24	0 28	10 41	2 50	5 11	2 41	10 52	0 22	24 46	2 55	13 10	0 41	18 6	1 18	14 23	0 17	17 48	1 36	8 41	8 54	22 6	22 17	6 19			n.a.
F 25	0 4	16 17	1 41	4 50	2 31	11 21	0 25	24 42	2 53	13 14	0 41	18 7	1 18	14 24	0 17	17 48	1 36	8 41	8 54	22 5	22 16	6 22			n.a.
S 26	0n19	20 49	0 26	4 26	2 19	11 50	0 28	24 38	2 51	13 18	0 41	18 9	1 18	14 25	0 17	17 48	1 36	8 41	8 54	22 5	22 16	6 25			n.a.
S 27	0 42	24 1	0s48	4 0	2 6	12 18	0 31	24 33	2 49	13 23	0 41	18 10	1 17	14 26	0 16	17 48	1 36	8 42	8 54	22 5	22 16	6 28			n.a.
M28	1 6	25 41	1 58	3 32	1 52	12 47	0 34	24 29	2 47	13 27	0 41	18 12	1 17	14 27	0 16	17 47	1 36	8 42	8 54	22 5	22 15	6 31			n.a.
T 29	1 29	25 50	3 0	3 3	1 38	13 15	0 36	24 24	2 45	13 31	0 41	18 13	1 17	14 28	0 16	17 47	1 36	8 43	8 54	22 5	22 15	6 34			n.a.
W30	1 52	24 33	3 50	2 33	1 22	13 42	0 39	24 20	2 43	13 35	0 41	18 15	1 17	14 29	0 16	17 47	1 36	8 43	8 53	22 5	22 14	6 37			n.a.
T 31	2n16	22s 1	4s28	2n 2	1n 6	14n 9	0n42	24n15	2n40	13n40	0s40	18n16	1s17	14n30	0s16	17s47	1n36	8n44	8s53	22n 4	22n14	6n40			n.a.

Julian Day Number = 1602776.5, Delta T = 03h58m07s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'24, Lahiri = - 8°26'24 Julian Calendar 1 March 325 BCE == Greg. Calendar 25 Feb. 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

APRIL 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 19 37	6♈35'48	23♒19	1°R56	6♉38	24♋ 1	8♉ 4	26♉12	9♉19	25°R20	17♉30	8°R50	9♊58	25♈44	n.a.	F 1
S 2	12 23 34	7°33'50	5♓38	1♈19	7°50	24°17	8°17	26°18	9°22	25♏19	17°32	8♊40	9°55	25°51	n.a.	S 2
S 3	12 27 30	8°31'50	17°47	0°44	9° 2	24°33	8°29	26°24	9°25	25°18	17°33	8°30	9°52	25°58	n.a.	S 3
M 4	12 31 27	9°29'49	29°50	0°12	10°14	24°50	8°42	26°30	9°28	25°17	17°34	8°18	9°48	26° 4	n.a.	M 4
T 5	12 35 23	10°27'46	11♈46	29♓43	11°26	25° 8	8°55	26°36	9°32	25°16	17°35	8° 8	9°45	26°11	n.a.	T 5
W 6	12 39 20	11°25'41	23°38	29°18	12°38	25°26	9° 8	26°43	9°35	25°15	17°36	7°58	9°42	26°18	n.a.	W 6
T 7	12 43 17	12°23'34	5♉27	28°56	13°50	25°44	9°21	26°49	9°38	25°14	17°37	7°51	9°39	26°24	n.a.	T 7
F 8	12 47 13	13°21'26	17°15	28°39	15° 2	26° 3	9°34	26°55	9°41	25°13	17°38	7°47	9°36	26°31	n.a.	F 8
S 9	12 51 10	14°19'16	29° 5	28°26	16°13	26°22	9°47	27° 2	9°44	25°12	17°40	7°44	9°33	26°38	n.a.	S 9
S 10	12 55 6	15°17'05	11♊ 1	28°18	17°25	26°41	10° 1	27° 8	9°48	25°11	17°41	7°D44	9°29	26°44	n.a.	S 10
M11	12 59 3	16°14'52	23° 7	28°D14	18°37	27° 1	10°14	27°15	9°51	25°10	17°42	7°45	9°26	26°51	n.a.	M11
T 12	13 2 59	17°12'37	5♋27	28°14	19°48	27°22	10°27	27°22	9°54	25° 9	17°43	7°46	9°23	26°58	n.a.	T 12
W13	13 6 56	18°10'20	18° 7	28°20	21° 0	27°42	10°40	27°28	9°58	25° 7	17°45	7°R47	9°20	27° 4	n.a.	W13
T 14	13 10 52	19° 8'01	1♌10	28°30	22°11	28° 3	10°54	27°35	10° 1	25° 6	17°46	7°46	9°17	27°11	n.a.	T 14
F 15	13 14 49	20° 5'41	14°40	28°44	23°22	28°25	11° 7	27°42	10° 4	25° 5	17°47	7°43	9°13	27°18	n.a.	F 15
S 16	13 18 46	21° 3'19	28°40	29° 3	24°34	28°47	11°20	27°49	10° 8	25° 4	17°48	7°39	9°10	27°24	n.a.	S 16
S 17	13 22 42	22° 0'55	13♍ 7	29°27	25°45	29° 9	11°34	27°55	10°11	25° 2	17°50	7°33	9° 7	27°31	n.a.	S 17
M18	13 26 39	22°58'30	27°59	29°54	26°56	29°31	11°47	28° 2	10°14	25° 1	17°51	7°27	9° 4	27°38	n.a.	M18
T 19	13 30 35	23°56'03	13♎ 8	0♈26	28° 7	29°54	12° 1	28° 9	10°18	25° 0	17°52	7°20	9° 1	27°44	n.a.	T 19
W20	13 34 32	24°53'35	28°25	1° 2	29°18	0♌17	12°14	28°16	10°21	24°58	17°53	7°15	8°58	27°51	n.a.	W20
T 21	13 38 28	25°51'06	13♏38	1°41	0♊29	0°41	12°28	28°23	10°25	24°57	17°55	7°11	8°54	27°58	n.a.	T 21
F 22	13 42 25	26°48'35	28°37	2°25	1°39	1° 4	12°41	28°30	10°28	24°56	17°56	7° 9	8°51	28° 4	n.a.	F 22
S 23	13 46 21	27°46'04	13♐17	3°12	2°50	1°28	12°55	28°38	10°32	24°54	17°57	7°D 9	8°48	28°11	n.a.	S 23
S 24	13 50 18	28°43'32	27°31	4° 3	4° 1	1°53	13° 8	28°45	10°35	24°53	17°59	7°10	8°45	28°18	n.a.	S 24
M25	13 54 15	29°40'59	11♑19	4°57	5°11	2°17	13°22	28°52	10°38	24°52	18° 0	7°12	8°42	28°24	n.a.	M25
T 26	13 58 11	0♉38'25	24°41	5°54	6°22	2°42	13°36	28°59	10°42	24°50	18° 1	7°R13	8°39	28°31	n.a.	T 26
W27	14 2 8	1°35'50	7♒41	6°55	7°32	3° 7	13°49	29° 6	10°45	24°49	18° 3	7°13	8°35	28°38	n.a.	W27
T 28	14 6 4	2°33'14	20°20	7°59	8°43	3°33	14° 3	29°14	10°49	24°47	18° 4	7°11	8°32	28°45	n.a.	T 28
F 29	14 10 1	3°30'37	2♓43	9° 6	9°53	3°58	14°17	29°21	10°52	24°46	18° 5	7° 8	8°29	28°51	n.a.	F 29
S 30	14 13 57	4♉28'00	14♓54	10♈17	11♊ 3	4♌24	14♉30	29♉29	10♉56	24♏44	18♉ 7	7♊ 4	8♊26	28♈58	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n39	18s30	4s53	1n32	0n49	14n36	0n45	24n10	2n38	13n44	0s40	18n18	1s16	14n31	0s16	17s46	1n36	8n44	8s53	22n 3	22n13	6n43		n.a.
S 2	3 2	14 15	5 3	1 2	0 33	15 3	0 48	24 5	2 36	13 48	0 40	18 20	1 16	14 32	0 16	17 46	1 36	8 45	8 53	22 1	22 13	6 46		n.a.
S 3	3 25	9 28	5 0	0 32	0 16	15 29	0 51	24 1	2 35	13 53	0 40	18 21	1 16	14 33	0 16	17 46	1 36	8 45	8 53	22 0	22 12	6 49		n.a.
M 4	3 48	4 23	4 43	0 4	0s 1	15 55	0 54	23 55	2 33	13 57	0 40	18 23	1 16	14 34	0 16	17 46	1 36	8 46	8 53	21 58	22 12	6 52		n.a.
T 5	4 11	0n50	4 14	0s23	0 18	16 21	0 56	23 50	2 31	14 1	0 40	18 25	1 16	14 35	0 16	17 45	1 37	8 46	8 52	21 56	22 11	6 55		n.a.
W 6	4 34	5 59	3 33	0 48	0 34	16 46	0 59	23 45	2 29	14 6	0 40	18 26	1 16	14 36	0 16	17 45	1 37	8 46	8 52	21 55	22 11	6 58		n.a.
T 7	4 57	10 55	2 44	1 11	0 50	17 10	1 2	23 40	2 27	14 10	0 39	18 28	1 15	14 37	0 16	17 45	1 37	8 47	8 52	21 53	22 10	7 1		n.a.
F 8	5 20	15 28	1 48	1 32	1 5	17 35	1 5	23 34	2 25	14 14	0 39	18 29	1 15	14 38	0 16	17 45	1 37	8 47	8 52	21 53	22 10	7 4		n.a.
S 9	5 43	19 27	0 46	1 50	1 19	17 58	1 8	23 29	2 23	14 19	0 39	18 31	1 15	14 39	0 16	17 44	1 37	8 48	8 52	21 52	22 9	7 8		n.a.
S 10	6 5	22 40	0n18	2 6	1 33	18 22	1 10	23 23	2 21	14 23	0 39	18 33	1 15	14 40	0 16	17 44	1 37	8 48	8 52	21 52	22 9	7 11		n.a.
M11	6 28	24 55	1 22	2 20	1 46	18 45	1 13	23 17	2 19	14 27	0 39	18 34	1 15	14 41	0 16	17 44	1 37	8 49	8 51	21 52	22 8	7 14		n.a.
T 12	6 50	26 1	2 24	2 31	1 58	19 7	1 16	23 12	2 18	14 32	0 39	18 36	1 15	14 42	0 16	17 43	1 37	8 49	8 51	21 53	22 8	7 17		n.a.
W13	7 13	25 48	3 20	2 39	2 9	19 29	1 18	23 6	2 16	14 36	0 39	18 38	1 14	14 44	0 16	17 43	1 37	8 50	8 51	21 53	22 7	7 20		n.a.
T 14	7 35	24 11	4 8	2 44	2 20	19 50	1 21	23 0	2 14	14 40	0 38	18 40	1 14	14 45	0 16	17 43	1 37	8 50	8 51	21 52	22 7	7 23		n.a.
F 15	7 57	21 9	4 44	2 47	2 29	20 11	1 23	22 53	2 12	14 45	0 38	18 41	1 14	14 46	0 16	17 42	1 37	8 51	8 51	21 52	22 6	7 26		n.a.
S 16	8 19	16 50	5 5	2 47	2 38	20 32	1 26	22 47	2 10	14 49	0 38	18 43	1 14	14 47	0 16	17 42	1 37	8 51	8 51	21 51	22 6	7 29		n.a.
S 17	8 41	11 25	5 7	2 45	2 45	20 52	1 28	22 41	2 9	14 53	0 38	18 45	1 14	14 48	0 16	17 42	1 37	8 52	8 51	21 50	22 5	7 32		n.a.
M18	9 2	5 13	4 49	2 40	2 52	21 11	1 31	22 34	2 7	14 57	0 38	18 46	1 14	14 49	0 16	17 41	1 37	8 52	8 50	21 49	22 5	7 35		n.a.
T 19	9 24	1s24	4 11	2 33	2 58	21 30	1 33	22 28	2 5	15 2	0 38	18 48	1 13	14 50	0 16	17 41	1 37	8 53	8 50	21 48	22 4	7 38		n.a.
W20	9 45	8 1	3 14	2 23	3 3	21 48	1 35	22 21	2 4	15 6	0 38	18 50	1 13	14 51	0 16	17 41	1 37	8 53	8 50	21 47	22 4	7 41		n.a.
T 21	10 7	14 9	2 4	2 10	3 7	22 6	1 38	22 14	2 2	15 10	0 38	18 51	1 13	14 52	0 16	17 40	1 37	8 54	8 50	21 47	22 3	7 44		n.a.
F 22	10 28	19 21	0 46	1 56	3 10	22 23	1 40	22 7	2 0	15 15	0 37	18 53	1 13	14 53	0 16	17 40	1 37	8 54	8 50	21 46	22 3	7 47		n.a.
S 23	10 49	23 13	0s33	1 39	3 13	22 39	1 42	22 0	1 59	15 19	0 37	18 55	1 13	14 54	0 16	17 40	1 37	8 54	8 50	21 46	22 2	7 50		n.a.
S 24	11 9	25 31	1 49	1 20	3 14	22 55	1 44	21 53	1 57	15 23	0 37	18 57	1 13	14 56	0 16	17 39	1 37	8 55	8 50	21 47	22 2	7 53		n.a.
M25	11 30	26 9	2 55	0 59	3 15	23 10	1 46	21 46	1 55	15 27	0 37	18 58	1 13	14 57	0 16	17 39	1 37	8 55	8 50	21 47	22 1	7 56		n.a.
T 26	11 50	25 13	3 50	0 36	3 15	23 25	1 48	21 39	1 54	15 32	0 37	19 0	1 12	14 58	0 16	17 39	1 37	8 56	8 50	21 47	22 1	7 59		n.a.
W27	12 10	22 57	4 31	0 11	3 14	23 39	1 50	21 31	1 52	15 36	0 37	19 2	1 12	14 59	0 16	17 38	1 37	8 56	8 49	21 47	22 0	8 2		n.a.
T 28	12 31	19 36	4 58	0n15	3 13	23 52	1 52	21 24	1 51	15 40	0 37	19 4	1 12	15 0	0 16	17 38	1 37	8 57	8 49	21 47	22 0	8 5		n.a.
F 29	12 50	15 27	5 11	0 44	3 11	24 5	1 54	21 16	1 49	15 44	0 37	19 5	1 12	15 1	0 16	17 37	1 37	8 57	8 49	21 46	21 59	8 8		n.a.
S 30	13n10	10s45	5s 9	1n14	3s 8	24n17	1n55	21n 8	1n47	15n48	0s37	19n 7	1s12	15n 2	0s16	17s37	1n37	8n58	8s49	21n46	21n59	8n11		n.a.

Julian Day Number = 1602807.5, Delta T = 03h58m06s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'20, Lahiri = - 8°26'19 Julian Calendar 1 Apr. 325 BCE == Greg. Calendar 27 March 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

MAY 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 17 54	5♉25'22	26♓55	11♈30	12♊13	4♌51	14♉44	29♉36	10♉59	24°R43	18♉ 8	6°R59	8♊23	29♈ 5	n.a.	S 1
M 2	14 21 50	6°22'43	8♈50	12°46	13°23	5°17	14°58	29°43	11° 3	24♏41	18°10	6♊53	8°19	29°11	n.a.	M 2
T 3	14 25 47	7°20'03	20°41	14° 5	14°33	5°44	15°11	29°51	11° 6	24°40	18°11	6°48	8°16	29°18	n.a.	T 3
W 4	14 29 44	8°17'22	2♉30	15°27	15°43	6°11	15°25	29°58	11°10	24°38	18°12	6°44	8°13	29°25	n.a.	W 4
T 5	14 33 40	9°14'41	14°19	16°51	16°53	6°38	15°39	0♊ 6	11°13	24°37	18°14	6°41	8°10	29°31	n.a.	T 5
F 6	14 37 37	10°11'58	26°10	18°19	18° 3	7° 6	15°53	0°13	11°17	24°35	18°15	6°39	8° 7	29°38	n.a.	F 6
S 7	14 41 33	11° 9'15	8♊ 6	19°49	19°12	7°34	16° 6	0°21	11°21	24°34	18°17	6°D38	8° 4	29°45	n.a.	S 7
S 8	14 45 30	12° 6'31	20° 9	21°22	20°22	8° 2	16°20	0°29	11°24	24°32	18°18	6°39	8° 0	29°51	n.a.	S 8
M 9	14 49 26	13° 3'47	2♋22	22°57	21°31	8°30	16°34	0°36	11°28	24°30	18°19	6°40	7°57	29°58	n.a.	M 9
T 10	14 53 23	14° 1'01	14°48	24°36	22°41	8°58	16°48	0°44	11°31	24°29	18°21	6°42	7°54	0♉ 5	n.a.	T 10
W11	14 57 19	14°58'14	27°31	26°17	23°50	9°27	17° 1	0°52	11°35	24°27	18°22	6°43	7°51	0°11	n.a.	W11
T 12	15 1 16	15°55'27	10♌34	28° 0	24°59	9°56	17°15	0°59	11°38	24°26	18°24	6°R44	7°48	0°18	n.a.	T 12
F 13	15 5 13	16°52'38	24° 0	29°46	26° 8	10°25	17°29	1° 7	11°42	24°24	18°25	6°44	7°45	0°25	n.a.	F 13
S 14	15 9 9	17°49'49	7♍50	1♉35	27°17	10°54	17°43	1°15	11°45	24°22	18°26	6°43	7°41	0°31	n.a.	S 14
S 15	15 13 6	18°46'59	22° 6	3°27	28°26	11°24	17°57	1°23	11°49	24°21	18°28	6°41	7°38	0°38	n.a.	S 15
M16	15 17 2	19°44'07	6♎45	5°21	29°34	11°54	18°10	1°30	11°52	24°19	18°29	6°39	7°35	0°45	n.a.	M16
T 17	15 20 59	20°41'16	21°41	7°17	0♋43	12°24	18°24	1°38	11°56	24°18	18°31	6°37	7°32	0°51	n.a.	T 17
W18	15 24 55	21°38'23	6♏48	9°15	1°51	12°54	18°38	1°46	11°59	24°16	18°32	6°36	7°29	0°58	n.a.	W18
T 19	15 28 52	22°35'31	21°56	11°16	3° 0	13°24	18°52	1°54	12° 3	24°14	18°33	6°35	7°25	1° 5	n.a.	T 19
F 20	15 32 48	23°32'37	6♐56	13°19	4° 8	13°54	19° 5	2° 1	12° 6	24°13	18°35	6°D35	7°22	1°11	n.a.	F 20
S 21	15 36 45	24°29'44	21°40	15°23	5°16	14°25	19°19	2° 9	12°10	24°11	18°36	6°35	7°19	1°18	n.a.	S 21
S 22	15 40 42	25°26'51	6♑ 3	17°30	6°24	14°56	19°33	2°17	12°13	24°10	18°38	6°36	7°16	1°25	n.a.	S 22
M23	15 44 38	26°23'57	19°59	19°37	7°32	15°27	19°47	2°25	12°17	24° 8	18°39	6°36	7°13	1°31	n.a.	M23
T 24	15 48 35	27°21'04	3♒29	21°46	8°40	15°58	20° 0	2°33	12°20	24° 6	18°40	6°37	7°10	1°38	n.a.	T 24
W25	15 52 31	28°18'10	16°34	23°56	9°47	16°30	20°14	2°41	12°23	24° 5	18°42	6°38	7° 6	1°45	n.a.	W25
T 26	15 56 28	29°15'17	29°16	26° 6	10°55	17° 1	20°28	2°49	12°27	24° 3	18°43	6°R38	7° 3	1°51	n.a.	T 26
F 27	16 0 24	0♊12'23	11♓39	28°17	12° 2	17°33	20°41	2°56	12°30	24° 1	18°45	6°38	7° 0	1°58	n.a.	F 27
S 28	16 4 21	1° 9'30	23°48	0♊28	13° 9	18° 5	20°55	3° 4	12°34	24° 0	18°46	6°37	6°57	2° 5	n.a.	S 28
S 29	16 8 17	2° 6'37	5♈46	2°39	14°16	18°37	21° 9	3°12	12°37	23°58	18°47	6°37	6°54	2°11	n.a.	S 29
M30	16 12 14	3° 3'44	17°37	4°49	15°23	19° 9	21°22	3°20	12°40	23°57	18°49	6°36	6°51	2°18	n.a.	M30
T 31	16 16 11	4♊ 0'51	29♈26	6♊58	16♋30	19♌42	21♉36	3♊28	12♉44	23♏55	18♉50	6♊36	6♊47	2♉25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	13n29	5s43	4s53	1n47	3s 5	24n28	1n57	21n 0	1n46	15n53	0s36	19n 9	1s12	15n 3	0s16	17s37	1n37	8n58	8s49	21n45	21n58	8n14			n.a.
M 2	13 49	0 30	4 25	2 20	3 0	24 39	1 59	20 52	1 44	15 57	0 36	19 10	1 12	15 4	0 16	17 36	1 37	8 59	8 49	21 44	21 58	8 17			n.a.
T 3	14 8	4n42	3 46	2 56	2 56	24 49	2 0	20 44	1 43	16 1	0 36	19 12	1 12	15 6	0 16	17 36	1 37	8 59	8 49	21 43	21 57	8 20			n.a.
W 4	14 27	9 44	2 56	3 32	2 50	24 59	2 2	20 36	1 41	16 5	0 36	19 14	1 11	15 7	0 16	17 36	1 37	8 59	8 49	21 42	21 57	8 23			n.a.
T 5	14 45	14 26	2 0	4 11	2 44	25 7	2 3	20 27	1 40	16 9	0 36	19 16	1 11	15 8	0 16	17 35	1 37	9 0	8 49	21 42	21 56	8 26			n.a.
F 6	15 4	18 36	0 57	4 50	2 38	25 15	2 4	20 19	1 38	16 13	0 36	19 17	1 11	15 9	0 16	17 35	1 37	9 0	8 49	21 41	21 56	8 29			n.a.
S 7	15 22	22 4	0n 8	5 31	2 31	25 23	2 6	20 10	1 37	16 17	0 36	19 19	1 11	15 10	0 16	17 34	1 37	9 1	8 49	21 41	21 55	8 32			n.a.
S 8	15 40	24 35	1 14	6 14	2 23	25 29	2 7	20 1	1 36	16 22	0 36	19 21	1 11	15 11	0 16	17 34	1 37	9 1	8 49	21 41	21 55	8 35			n.a.
M 9	15 57	26 0	2 17	6 57	2 15	25 35	2 8	19 52	1 34	16 26	0 36	19 23	1 11	15 12	0 16	17 34	1 37	9 2	8 49	21 42	21 54	8 38			n.a.
T 10	16 15	26 8	3 15	7 41	2 6	25 40	2 9	19 43	1 33	16 30	0 35	19 24	1 11	15 13	0 16	17 33	1 37	9 2	8 48	21 42	21 54	8 41			n.a.
W11	16 32	24 55	4 5	8 27	1 57	25 45	2 10	19 34	1 31	16 34	0 35	19 26	1 11	15 14	0 16	17 33	1 37	9 3	8 48	21 42	21 53	8 44			n.a.
T 12	16 49	22 21	4 43	9 13	1 48	25 49	2 10	19 25	1 30	16 38	0 35	19 28	1 11	15 16	0 16	17 32	1 37	9 3	8 48	21 42	21 53	8 47			n.a.
F 13	17 5	18 31	5 8	10 0	1 38	25 52	2 11	19 16	1 29	16 42	0 35	19 29	1 10	15 17	0 16	17 32	1 37	9 3	8 48	21 42	21 52	8 50			n.a.
S 14	17 21	13 36	5 16	10 48	1 28	25 54	2 12	19 6	1 27	16 46	0 35	19 31	1 10	15 18	0 16	17 32	1 37	9 4	8 48	21 42	21 52	8 53			n.a.
S 15	17 37	7 49	5 4	11 36	1 17	25 56	2 12	18 57	1 26	16 50	0 35	19 33	1 10	15 19	0 16	17 31	1 37	9 4	8 48	21 42	21 51	8 56			n.a.
M16	17 53	1 28	4 33	12 25	1 7	25 57	2 13	18 47	1 24	16 54	0 35	19 34	1 10	15 20	0 16	17 31	1 37	9 5	8 48	21 41	21 51	8 59			n.a.
T 17	18 9	5s 6	3 43	13 14	0 56	25 57	2 13	18 37	1 23	16 58	0 35	19 36	1 10	15 21	0 16	17 31	1 37	9 5	8 48	21 41	21 50	9 2			n.a.
W18	18 24	11 28	2 37	14 3	0 45	25 56	2 13	18 27	1 22	17 2	0 35	19 38	1 10	15 22	0 16	17 30	1 37	9 5	8 48	21 41	21 50	9 5			n.a.
T 19	18 39	17 11	1 20	14 52	0 34	25 55	2 13	18 17	1 20	17 5	0 35	19 39	1 10	15 23	0 16	17 30	1 37	9 6	8 48	21 41	21 49	9 8			n.a.
F 20	18 53	21 46	0s 2	15 40	0 23	25 53	2 13	18 7	1 19	17 9	0 35	19 41	1 10	15 24	0 16	17 29	1 37	9 6	8 48	21 41	21 49	9 11			n.a.
S 21	19 8	24 51	1 23	16 28	0 11	25 51	2 13	17 57	1 18	17 13	0 34	19 43	1 10	15 25	0 16	17 29	1 37	9 7	8 48	21 41	21 48	9 14			n.a.
S 22	19 22	26 12	2 36	17 15	0 0	25 48	2 13	17 46	1 16	17 17	0 34	19 44	1 9	15 26	0 16	17 29	1 37	9 7	8 48	21 41	21 48	9 17			n.a.
M23	19 35	25 49	3 38	18 1	0n10	25 44	2 13	17 36	1 15	17 21	0 34	19 46	1 9	15 28	0 16	17 28	1 37	9 7	8 48	21 41	21 47	9 20			n.a.
T 24	19 49	23 55	4 26	18 46	0 21	25 39	2 12	17 25	1 14	17 25	0 34	19 48	1 9	15 29	0 16	17 28	1 37	9 8	8 48	21 41	21 46	9 23			n.a.
W25	20 2	20 47	4 58	19 29	0 31	25 34	2 12	17 14	1 13	17 29	0 34	19 49	1 9	15 30	0 16	17 27	1 37	9 8	8 48	21 41	21 46	9 26			n.a.
T 26	20 14	16 46	5 15	20 11	0 41	25 28	2 11	17 4	1 11	17 32	0 34	19 51	1 9	15 31	0 16	17 27	1 37	9 9	8 48	21 41	21 45	9 29			n.a.
F 27	20 27	12 8	5 16	20 51	0 50	25 21	2 11	16 53	1 10	17 36	0 34	19 53	1 9	15 32	0 16	17 27	1 37	9 9	8 48	21 41	21 45	9 32			n.a.
S 28	20 39	7 7	5 3	21 28	0 59	25 14	2 10	16 41	1 9	17 40	0 34	19 54	1 9	15 33	0 16	17 26	1 37	9 9	8 48	21 41	21 44	9 35			n.a.
S 29	20 50	1 55	4 37	22 3	1 8	25 6	2 9	16 30	1 8	17 43	0 34	19 56	1 9	15 34	0 16	17 26	1 37	9 10	8 48	21 41	21 44	9 38			n.a.
M30	21 2	3n19	4 0	22 36	1 15	24 57	2 8	16 19	1 6	17 47	0 34	19 57	1 9	15 35	0 16	17 25	1 37	9 10	8 48	21 41	21 43	9 41			n.a.
T 31	21n13	8n25	3s12	23n 6	1n22	24n48	2n 6	16n 7	1n 5	17n51	0s34	19n59	1s 9	15n36	0s16	17s25	1n37	9n10	8s48	21n41	21n43	9n44			n.a.

Julian Day Number = 1602837.5, Delta T = 03h58m05s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'16, Lahiri = - 8°26'15 Julian Calendar 1 May 325 BCE == Greg. Calendar 26 Apr. 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

JUNE 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 20 7	4♊57'58	11♉15	9♊ 7	17♋36	20♌14	21♉49	3♊36	12♉47	23°R53	18♉51	6°R36	6♊44	2♉31	n.a.	W 1
T 2	16 24 4	5°55'06	23° 8	11°14	18°43	20°47	22° 3	3°44	12°50	23♏52	18°53	6♊36	6°41	2°38	n.a.	T 2
F 3	16 28 0	6°52'14	5♊ 6	13°21	19°49	21°20	22°17	3°52	12°54	23°50	18°54	6°36	6°38	2°45	n.a.	F 3
S 4	16 31 57	7°49'22	17°12	15°25	20°55	21°53	22°30	3°59	12°57	23°49	18°55	6°36	6°35	2°51	n.a.	S 4
S 5	16 35 53	8°46'30	29°27	17°29	22° 1	22°26	22°44	4° 7	13° 0	23°47	18°57	6°36	6°31	2°58	n.a.	S 5
M 6	16 39 50	9°43'38	11♋54	19°30	23° 7	22°59	22°57	4°15	13° 3	23°46	18°58	6°35	6°28	3° 5	n.a.	M 6
T 7	16 43 47	10°40'47	24°33	21°30	24°13	23°33	23°10	4°23	13° 7	23°44	18°59	6°35	6°25	3°11	n.a.	T 7
W 8	16 47 43	11°37'55	7♌28	23°28	25°18	24° 6	23°24	4°31	13°10	23°43	19° 1	6°34	6°22	3°18	n.a.	W 8
T 9	16 51 40	12°35'04	20°38	25°24	26°23	24°40	23°37	4°39	13°13	23°41	19° 2	6°34	6°19	3°25	n.a.	T 9
F 10	16 55 36	13°32'12	4♍ 6	27°19	27°28	25°14	23°51	4°46	13°16	23°40	19° 3	6°33	6°16	3°31	n.a.	F 10
S 11	16 59 33	14°29'20	17°53	29°12	28°33	25°48	24° 4	4°54	13°19	23°38	19° 5	6°D33	6°12	3°38	n.a.	S 11
S 12	17 3 29	15°26'29	1♎58	1♋ 2	29°38	26°23	24°17	5° 2	13°22	23°37	19° 6	6°34	6° 9	3°45	n.a.	S 12
M13	17 7 26	16°23'38	16°20	2°51	0♌42	26°57	24°30	5°10	13°26	23°35	19° 7	6°34	6° 6	3°51	n.a.	M13
T 14	17 11 22	17°20'46	0♏56	4°38	1°46	27°31	24°43	5°18	13°29	23°34	19° 9	6°35	6° 3	3°58	n.a.	T 14
W15	17 15 19	18°17'56	15°42	6°23	2°50	28° 6	24°57	5°25	13°32	23°32	19°10	6°36	6° 0	4° 5	n.a.	W15
T 16	17 19 16	19°15'05	0♐31	8° 6	3°54	28°41	25°10	5°33	13°35	23°31	19°11	6°R36	5°56	4°11	n.a.	T 16
F 17	17 23 12	20°12'15	15°18	9°48	4°58	29°16	25°23	5°41	13°38	23°29	19°12	6°36	5°53	4°18	n.a.	F 17
S 18	17 27 9	21° 9'26	29°53	11°27	6° 1	29°51	25°36	5°49	13°41	23°28	19°14	6°35	5°50	4°25	n.a.	S 18
S 19	17 31 5	22° 6'37	14♑12	13° 5	7° 4	0♍26	25°49	5°56	13°44	23°27	19°15	6°34	5°47	4°31	n.a.	S 19
M20	17 35 2	23° 3'50	28°10	14°41	8° 7	1° 1	26° 2	6° 4	13°47	23°25	19°16	6°32	5°44	4°38	n.a.	M20
T 21	17 38 58	24° 1'03	11♒43	16°15	9° 9	1°36	26°15	6°12	13°49	23°24	19°17	6°30	5°41	4°45	n.a.	T 21
W22	17 42 55	24°58'16	24°52	17°47	10°11	2°12	26°28	6°19	13°52	23°23	19°18	6°28	5°37	4°51	n.a.	W22
T 23	17 46 52	25°55'31	7♓38	19°17	11°13	2°48	26°40	6°27	13°55	23°21	19°19	6°26	5°34	4°58	n.a.	T 23
F 24	17 50 48	26°52'47	20° 3	20°45	12°15	3°23	26°53	6°34	13°58	23°20	19°21	6°25	5°31	5° 5	n.a.	F 24
S 25	17 54 45	27°50'04	2♈12	22°11	13°16	3°59	27° 6	6°42	14° 1	23°19	19°22	6°D25	5°28	5°11	n.a.	S 25
S 26	17 58 41	28°47'22	14°10	23°35	14°17	4°35	27°19	6°49	14° 3	23°18	19°23	6°25	5°25	5°18	n.a.	S 26
M27	18 2 38	29°44'41	26° 1	24°58	15°18	5°11	27°31	6°57	14° 6	23°16	19°24	6°27	5°22	5°25	n.a.	M27
T 28	18 6 34	0♋42'01	7♉50	26°18	16°18	5°48	27°44	7° 4	14° 9	23°15	19°25	6°29	5°18	5°31	n.a.	T 28
W29	18 10 31	1°39'23	19°41	27°36	17°19	6°24	27°56	7°12	14°12	23°14	19°26	6°30	5°15	5°38	n.a.	W29
T 30	18 14 27	2♋36'45	1♊38	28♋52	18♌18	7♍ 1	28♉ 9	7♊19	14♉14	23♏13	19♉27	6°R31	5♊12	5♉45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n23	13n14	2s16	23n33	1n29	24n38	2n 5	15n56	1n 4	17n54	0s34	20n 1	1s 9	15n37	0s16	17s25	1n37	9n11	8s48	21n41	21n42	9n47		n.a.
T 2	21 34	17 35	1 14	23 58	1 35	24 27	2 4	15 44	1 3	17 58	0 33	20 2	1 9	15 38	0 16	17 24	1 37	9 11	8 48	21 41	21 42	9 50		n.a.
F 3	21 44	21 17	0 8	24 20	1 40	24 16	2 2	15 32	1 2	18 2	0 33	20 4	1 8	15 39	0 16	17 24	1 37	9 11	8 48	21 41	21 41	9 53		n.a.
S 4	21 53	24 5	0n59	24 39	1 44	24 4	2 1	15 20	1 0	18 5	0 33	20 5	1 8	15 40	0 16	17 24	1 37	9 12	8 48	21 41	21 41	9 56		n.a.
S 5	22 2	25 48	2 4	24 55	1 48	23 52	1 59	15 8	0 59	18 9	0 33	20 7	1 8	15 41	0 16	17 23	1 37	9 12	8 48	21 41	21 40	9 59		n.a.
M 6	22 11	26 15	3 4	25 9	1 50	23 39	1 57	14 56	0 58	18 12	0 33	20 8	1 8	15 42	0 16	17 23	1 37	9 12	8 48	21 41	21 39	10 2		n.a.
T 7	22 19	25 20	3 56	25 20	1 53	23 25	1 55	14 44	0 57	18 16	0 33	20 10	1 8	15 43	0 16	17 23	1 37	9 13	8 48	21 41	21 39	10 5		n.a.
W 8	22 27	23 6	4 37	25 28	1 54	23 11	1 53	14 31	0 56	18 19	0 33	20 11	1 8	15 44	0 16	17 22	1 37	9 13	8 48	21 40	21 38	10 8		n.a.
T 9	22 35	19 36	5 5	25 34	1 55	22 57	1 51	14 19	0 55	18 23	0 33	20 13	1 8	15 45	0 16	17 22	1 37	9 13	8 48	21 40	21 38	10 11		n.a.
F 10	22 42	15 2	5 17	25 38	1 55	22 41	1 48	14 6	0 53	18 26	0 33	20 14	1 8	15 46	0 16	17 21	1 37	9 14	8 48	21 40	21 37	10 14		n.a.
S 11	22 49	9 36	5 11	25 39	1 55	22 26	1 46	13 54	0 52	18 29	0 33	20 16	1 8	15 47	0 16	17 21	1 37	9 14	8 48	21 40	21 37	10 17		n.a.
S 12	22 56	3 35	4 47	25 38	1 54	22 9	1 43	13 41	0 51	18 33	0 33	20 17	1 8	15 48	0 16	17 21	1 37	9 14	8 48	21 40	21 36	10 19		n.a.
M13	23 2	2s45	4 4	25 34	1 52	21 53	1 40	13 28	0 50	18 36	0 33	20 19	1 8	15 49	0 16	17 20	1 37	9 15	8 48	21 40	21 36	10 22		n.a.
T 14	23 8	9 3	3 5	25 29	1 50	21 35	1 37	13 15	0 49	18 39	0 33	20 20	1 8	15 50	0 16	17 20	1 37	9 15	8 48	21 41	21 35	10 25		n.a.
W15	23 13	14 56	1 53	25 22	1 47	21 18	1 34	13 2	0 48	18 43	0 33	20 22	1 8	15 51	0 16	17 20	1 37	9 15	8 48	21 41	21 34	10 28		n.a.
T 16	23 18	19 58	0 34	25 13	1 44	20 59	1 31	12 48	0 47	18 46	0 33	20 23	1 8	15 52	0 16	17 19	1 37	9 15	8 48	21 41	21 34	10 31		n.a.
F 17	23 22	23 42	0s48	25 2	1 40	20 41	1 28	12 35	0 46	18 49	0 32	20 25	1 8	15 52	0 16	17 19	1 37	9 16	8 48	21 41	21 33	10 34		n.a.
S 18	23 26	25 49	2 5	24 49	1 35	20 22	1 24	12 21	0 44	18 52	0 32	20 26	1 8	15 53	0 16	17 19	1 37	9 16	8 49	21 41	21 33	10 37		n.a.
S 19	23 30	26 10	3 13	24 35	1 30	20 2	1 21	12 8	0 43	18 56	0 32	20 27	1 8	15 54	0 16	17 18	1 37	9 16	8 49	21 40	21 32	10 40		n.a.
M20	23 33	24 50	4 8	24 20	1 25	19 42	1 17	11 54	0 42	18 59	0 32	20 29	1 7	15 55	0 16	17 18	1 36	9 17	8 49	21 40	21 32	10 43		n.a.
T 21	23 36	22 4	4 47	24 3	1 19	19 22	1 13	11 40	0 41	19 2	0 32	20 30	1 7	15 56	0 16	17 18	1 36	9 17	8 49	21 40	21 31	10 46		n.a.
W22	23 38	18 14	5 9	23 45	1 13	19 1	1 9	11 27	0 40	19 5	0 32	20 31	1 7	15 57	0 16	17 18	1 36	9 17	8 49	21 39	21 30	10 49		n.a.
T 23	23 40	13 41	5 15	23 25	1 6	18 40	1 5	11 13	0 39	19 8	0 32	20 33	1 7	15 58	0 16	17 17	1 36	9 17	8 49	21 39	21 30	10 52		n.a.
F 24	23 42	8 41	5 7	23 5	0 59	18 19	1 1	10 59	0 38	19 11	0 32	20 34	1 7	15 59	0 16	17 17	1 36	9 18	8 49	21 39	21 29	10 55		n.a.
S 25	23 43	3 27	4 44	22 44	0 52	17 57	0 57	10 44	0 37	19 14	0 32	20 36	1 7	15 59	0 16	17 17	1 36	9 18	8 49	21 39	21 29	10 58		n.a.
S 26	23 44	1n49	4 10	22 22	0 44	17 35	0 52	10 30	0 36	19 17	0 32	20 37	1 7	16 0	0 16	17 16	1 36	9 18	8 49	21 39	21 28	11 1		n.a.
M27	23 44	7 0	3 25	21 59	0 35	17 12	0 47	10 16	0 35	19 20	0 32	20 38	1 7	16 1	0 16	17 16	1 36	9 18	8 49	21 39	21 28	11 4		n.a.
T 28	23 44	11 54	2 31	21 36	0 27	16 49	0 43	10 1	0 34	19 23	0 32	20 39	1 7	16 2	0 16	17 16	1 36	9 18	8 49	21 39	21 27	11 7		n.a.
W29	23 43	16 25	1 31	21 11	0 18	16 26	0 38	9 47	0 33	19 26	0 32	20 41	1 7	16 3	0 16	17 16	1 36	9 19	8 49	21 40	21 26	11 10		n.a.
T 30	23n43	20n18	0s27	20n47	0n 9	16n 3	0n33	9n32	0n32	19n29	0s32	20n42	1s 7	16n 3	0s16	17s15	1n36	9n19	8s49	21n40	21n26	11n13		n.a.

Julian Day Number = 1602868.5, Delta T = 03h58m04s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'12, Lahiri = - 8°26'11 Julian Calendar 1 June 325 BCE == Greg. Calendar 27 May 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

JULY 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 18 24	3♋34'09	13♊45	0♌ 6	19♌18	7♍37	28♉21	7♊27	14♉17	23°R12	19♉28	6°R31	5♊ 9	5♉51	n.a.	F 1
S 2	18 22 21	4°31'34	26° 3	1°18	20°17	8°14	28°33	7°34	14°19	23♏10	19°29	6♊29	5° 6	5°58	n.a.	S 2
S 3	18 26 17	5°29'00	8♋35	2°27	21°16	8°51	28°46	7°41	14°22	23° 9	19°31	6°27	5° 2	6° 5	n.a.	S 3
M 4	18 30 14	6°26'27	21°21	3°34	22°14	9°28	28°58	7°48	14°24	23° 8	19°32	6°23	4°59	6°11	n.a.	M 4
T 5	18 34 10	7°23'56	4♌21	4°39	23°12	10° 5	29°10	7°56	14°27	23° 7	19°33	6°18	4°56	6°18	n.a.	T 5
W 6	18 38 7	8°21'25	17°36	5°41	24° 9	10°42	29°22	8° 3	14°29	23° 6	19°34	6°13	4°53	6°25	n.a.	W 6
T 7	18 42 3	9°18'55	1♍ 3	6°40	25° 6	11°19	29°34	8°10	14°32	23° 5	19°35	6° 8	4°50	6°31	n.a.	T 7
F 8	18 46 0	10°16'26	14°43	7°36	26° 3	11°57	29°46	8°17	14°34	23° 4	19°35	6° 5	4°47	6°38	n.a.	F 8
S 9	18 49 56	11°13'58	28°34	8°30	26°59	12°34	29°58	8°24	14°36	23° 3	19°36	6° 3	4°43	6°45	n.a.	S 9
S 10	18 53 53	12°11'31	12♎35	9°20	27°55	13°12	0♊10	8°31	14°38	23° 2	19°37	6°D 2	4°40	6°51	n.a.	S 10
M11	18 57 50	13° 9'05	26°45	10° 7	28°50	13°50	0°22	8°38	14°41	23° 1	19°38	6° 2	4°37	6°58	n.a.	M11
T 12	19 1 46	14° 6'40	11♏ 3	10°50	29°45	14°27	0°33	8°45	14°43	23° 1	19°39	6° 4	4°34	7° 5	n.a.	T 12
W13	19 5 43	15° 4'16	25°25	11°30	0♍39	15° 5	0°45	8°52	14°45	23° 0	19°40	6° 5	4°31	7°11	n.a.	W13
T 14	19 9 39	16° 1'53	9♐50	12° 6	1°33	15°43	0°56	8°59	14°47	22°59	19°41	6°R 5	4°28	7°18	n.a.	T 14
F 15	19 13 36	16°59'32	24°12	12°38	2°26	16°22	1° 8	9° 6	14°49	22°58	19°42	6° 4	4°24	7°25	n.a.	F 15
S 16	19 17 32	17°57'12	8♑28	13° 6	3°18	17° 0	1°19	9°13	14°51	22°57	19°43	6° 1	4°21	7°31	n.a.	S 16
S 17	19 21 29	18°54'53	22°31	13°29	4°10	17°38	1°30	9°19	14°53	22°57	19°43	5°56	4°18	7°38	n.a.	S 17
M18	19 25 25	19°52'36	6♒19	13°48	5° 1	18°17	1°42	9°26	14°55	22°56	19°44	5°49	4°15	7°45	n.a.	M18
T 19	19 29 22	20°50'20	19°46	14° 1	5°52	18°55	1°53	9°32	14°57	22°55	19°45	5°42	4°12	7°51	n.a.	T 19
W20	19 33 19	21°48'06	2♓53	14°10	6°42	19°34	2° 4	9°39	14°59	22°55	19°46	5°34	4° 8	7°58	n.a.	W20
T 21	19 37 15	22°45'54	15°38	14°R13	7°31	20°13	2°15	9°46	15° 1	22°54	19°46	5°28	4° 5	8° 5	n.a.	T 21
F 22	19 41 12	23°43'43	28° 4	14°10	8°19	20°51	2°26	9°52	15° 2	22°53	19°47	5°23	4° 2	8°11	n.a.	F 22
S 23	19 45 8	24°41'34	10♈14	14° 2	9° 7	21°30	2°36	9°58	15° 4	22°53	19°48	5°20	3°59	8°18	n.a.	S 23
S 24	19 49 5	25°39'27	22°12	13°47	9°54	22° 9	2°47	10° 5	15° 6	22°52	19°49	5°D18	3°56	8°25	n.a.	S 24
M25	19 53 1	26°37'22	4♉ 3	13°27	10°40	22°49	2°58	10°11	15° 7	22°52	19°49	5°19	3°53	8°31	n.a.	M25
T 26	19 56 58	27°35'19	15°52	13° 1	11°25	23°28	3° 8	10°17	15° 9	22°51	19°50	5°20	3°49	8°38	n.a.	T 26
W27	20 0 54	28°33'18	27°44	12°29	12° 9	24° 7	3°19	10°23	15°10	22°51	19°51	5°21	3°46	8°45	n.a.	W27
T 28	20 4 51	29°31'19	9♊45	11°51	12°53	24°47	3°29	10°29	15°12	22°50	19°51	5°R21	3°43	8°51	n.a.	T 28
F 29	20 8 48	0♌29'22	21°59	11° 9	13°35	25°26	3°39	10°35	15°13	22°50	19°52	5°19	3°40	8°58	n.a.	F 29
S 30	20 12 44	1°27'27	4♋28	10°21	14°17	26° 6	3°49	10°41	15°15	22°50	19°52	5°16	3°37	9° 5	n.a.	S 30
S 31	20 16 41	2♌25'34	17♋16	9♌30	14♍57	26♍46	3♊59	10♊47	15♉16	22♏49	19♉53	5♊ 9	3♊34	9♉11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n41	23n23	0n40	20n22	0s 1	15n39	0n27	9n17	0n31	19n31	0s32	20n43	1s 7	16n 4	0s16	17s15	1n36	9n19	8s49	21n40	21n25	11n16		n.a.
S 2	23 39	25 26	1 45	19 57	0 11	15 15	0 22	9 3	0 30	19 34	0 32	20 44	1 7	16 5	0 16	17 15	1 36	9 19	8 50	21 40	21 25	11 19		n.a.
S 3	23 37	26 14	2 47	19 31	0 21	14 51	0 17	8 48	0 29	19 37	0 32	20 46	1 7	16 6	0 16	17 15	1 36	9 19	8 50	21 39	21 24	11 22		n.a.
M 4	23 35	25 39	3 41	19 5	0 31	14 27	0 11	8 33	0 28	19 40	0 32	20 47	1 7	16 6	0 16	17 14	1 36	9 20	8 50	21 38	21 24	11 24		n.a.
T 5	23 32	23 41	4 25	18 40	0 42	14 2	0 5	8 18	0 27	19 43	0 31	20 48	1 7	16 7	0 16	17 14	1 36	9 20	8 50	21 38	21 23	11 27		n.a.
W 6	23 28	20 26	4 56	18 14	0 53	13 37	0s 1	8 3	0 26	19 45	0 31	20 49	1 7	16 8	0 16	17 14	1 36	9 20	8 50	21 37	21 22	11 30		n.a.
T 7	23 24	16 3	5 11	17 49	1 4	13 12	0 7	7 47	0 25	19 48	0 31	20 50	1 7	16 9	0 16	17 14	1 36	9 20	8 50	21 36	21 22	11 33		n.a.
F 8	23 20	10 49	5 8	17 23	1 15	12 47	0 13	7 32	0 24	19 51	0 31	20 52	1 7	16 9	0 16	17 14	1 36	9 20	8 50	21 35	21 21	11 36		n.a.
S 9	23 15	4 58	4 48	16 59	1 26	12 22	0 19	7 17	0 23	19 53	0 31	20 53	1 7	16 10	0 16	17 13	1 36	9 20	8 50	21 35	21 21	11 39		n.a.
S 10	23 10	1s11	4 11	16 34	1 38	11 57	0 26	7 1	0 22	19 56	0 31	20 54	1 7	16 11	0 16	17 13	1 36	9 20	8 50	21 35	21 20	11 42		n.a.
M11	23 5	7 22	3 18	16 10	1 49	11 31	0 32	6 45	0 21	19 58	0 31	20 55	1 7	16 11	0 16	17 13	1 36	9 21	8 50	21 35	21 20	11 45		n.a.
T 12	22 59	13 14	2 12	15 47	2 1	11 6	0 39	6 30	0 20	20 1	0 31	20 56	1 7	16 12	0 16	17 13	1 36	9 21	8 51	21 35	21 19	11 48		n.a.
W13	22 52	18 25	0 58	15 25	2 13	10 40	0 46	6 14	0 19	20 3	0 31	20 57	1 7	16 13	0 16	17 13	1 35	9 21	8 51	21 35	21 18	11 51		n.a.
T 14	22 46	22 32	0s20	15 4	2 24	10 14	0 53	5 58	0 18	20 6	0 31	20 58	1 7	16 13	0 16	17 13	1 35	9 21	8 51	21 35	21 18	11 54		n.a.
F 15	22 38	25 13	1 37	14 44	2 36	9 48	1 0	5 42	0 17	20 8	0 31	20 59	1 7	16 14	0 16	17 12	1 35	9 21	8 51	21 35	21 17	11 57		n.a.
S 16	22 31	26 14	2 46	14 25	2 47	9 22	1 7	5 27	0 16	20 10	0 31	21 0	1 7	16 14	0 16	17 12	1 35	9 21	8 51	21 35	21 17	12 0		n.a.
S 17	22 23	25 31	3 45	14 7	2 59	8 57	1 15	5 11	0 15	20 13	0 31	21 1	1 7	16 15	0 16	17 12	1 35	9 21	8 51	21 34	21 16	12 3		n.a.
M18	22 15	23 15	4 29	13 52	3 10	8 31	1 22	4 55	0 14	20 15	0 31	21 2	1 7	16 16	0 16	17 12	1 35	9 21	8 51	21 33	21 15	12 5		n.a.
T 19	22 6	19 45	4 57	13 37	3 21	8 5	1 30	4 38	0 13	20 17	0 31	21 3	1 7	16 16	0 16	17 12	1 35	9 21	8 51	21 31	21 15	12 8		n.a.
W20	21 57	15 21	5 8	13 25	3 31	7 39	1 38	4 22	0 12	20 20	0 31	21 4	1 7	16 17	0 16	17 12	1 35	9 22	8 52	21 30	21 14	12 11		n.a.
T 21	21 47	10 23	5 3	13 15	3 41	7 13	1 46	4 6	0 11	20 22	0 31	21 5	1 7	16 17	0 16	17 12	1 35	9 22	8 52	21 29	21 14	12 14		n.a.
F 22	21 37	5 7	4 45	13 6	3 50	6 47	1 54	3 50	0 11	20 24	0 31	21 6	1 7	16 18	0 16	17 12	1 35	9 22	8 52	21 28	21 13	12 17		n.a.
S 23	21 27	0n13	4 13	13 1	3 59	6 22	2 2	3 33	0 10	20 26	0 31	21 7	1 7	16 18	0 16	17 11	1 35	9 22	8 52	21 27	21 12	12 20		n.a.
S 24	21 16	5 29	3 31	12 57	4 7	5 56	2 11	3 17	0 9	20 28	0 31	21 8	1 7	16 19	0 16	17 11	1 35	9 22	8 52	21 27	21 12	12 23		n.a.
M25	21 5	10 30	2 40	12 56	4 14	5 31	2 19	3 0	0 8	20 31	0 31	21 9	1 7	16 19	0 16	17 11	1 35	9 22	8 52	21 27	21 11	12 26		n.a.
T 26	20 54	15 9	1 43	12 58	4 19	5 6	2 28	2 44	0 7	20 33	0 31	21 10	1 7	16 20	0 16	17 11	1 35	9 22	8 52	21 27	21 11	12 29		n.a.
W27	20 42	19 14	0 41	13 3	4 24	4 41	2 37	2 27	0 6	20 35	0 31	21 11	1 7	16 20	0 16	17 11	1 35	9 22	8 53	21 27	21 10	12 32		n.a.
T 28	20 30	22 35	0n24	13 11	4 27	4 16	2 46	2 11	0 5	20 37	0 30	21 12	1 7	16 21	0 16	17 11	1 35	9 22	8 53	21 27	21 9	12 34		n.a.
F 29	20 18	24 57	1 28	13 21	4 28	3 51	2 55	1 54	0 4	20 39	0 30	21 13	1 7	16 21	0 16	17 11	1 35	9 22	8 53	21 27	21 9	12 37		n.a.
S 30	20 5	26 9	2 30	13 34	4 27	3 26	3 4	1 37	0 3	20 41	0 30	21 14	1 7	16 21	0 16	17 11	1 35	9 22	8 53	21 27	21 8	12 40		n.a.
S 31	19n52	25n59	3n25	13n50	4s25	3n 2	3s13	1n21	0n 3	20n43	0s30	21n14	1s 7	16n22	0s16	17s11	1n34	9n22	8s53	21n25	21n 8	12n43		n.a.

Julian Day Number = 1602898.5, Delta T = 03h58m03s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'08, Lahiri = - 8°26'07 Julian Calendar 1 July 325 BCE == Greg. Calendar 26 June 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

AUGUST 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 20 37	3♌23'42	0♌22	8°R35	15♍37	27♍26	4♊ 9	10♊53	15♉17	22°R49	19♉53	5°R 1	3♊30	9♉18	n.a.	M 1
T 2	20 24 34	4°21'53	13°46	7♌39	16°15	28° 5	4°19	10°59	15°19	22♏49	19°54	4♊52	3°27	9°25	n.a.	T 2
W 3	20 28 30	5°20'05	27°26	6°41	16°52	28°45	4°28	11° 5	15°20	22°49	19°54	4°42	3°24	9°31	n.a.	W 3
T 4	20 32 27	6°18'19	11♍18	5°43	17°28	29°26	4°38	11°10	15°21	22°48	19°55	4°32	3°21	9°38	n.a.	T 4
F 5	20 36 23	7°16'34	25°20	4°47	18° 3	0♎ 6	4°47	11°16	15°22	22°48	19°55	4°24	3°18	9°45	n.a.	F 5
S 6	20 40 20	8°14'51	9♎26	3°53	18°36	0°46	4°57	11°21	15°23	22°48	19°56	4°19	3°14	9°51	n.a.	S 6
S 7	20 44 17	9°13'10	23°34	3° 3	19° 8	1°27	5° 6	11°27	15°24	22°48	19°56	4°16	3°11	9°58	n.a.	S 7
M 8	20 48 13	10°11'30	7♏43	2°18	19°39	2° 7	5°15	11°32	15°25	22°48	19°56	4°D15	3° 8	10° 5	n.a.	M 8
T 9	20 52 10	11° 9'53	21°50	1°40	20° 8	2°48	5°24	11°37	15°26	22°D48	19°57	4°15	3° 5	10°11	n.a.	T 9
W10	20 56 6	12° 8'16	5♐55	1° 9	20°36	3°28	5°33	11°42	15°27	22°48	19°57	4°R15	3° 2	10°18	n.a.	W10
T 11	21 0 3	13° 6'42	19°56	0°45	21° 2	4° 9	5°42	11°48	15°28	22°48	19°57	4°14	2°59	10°25	n.a.	T 11
F 12	21 3 59	14° 5'09	3♑53	0°31	21°26	4°50	5°50	11°53	15°28	22°48	19°58	4°11	2°55	10°31	n.a.	F 12
S 13	21 7 56	15° 3'38	17°43	0°D25	21°49	5°31	5°59	11°58	15°29	22°48	19°58	4° 5	2°52	10°38	n.a.	S 13
S 14	21 11 52	16° 2'09	1♒23	0°28	22°10	6°12	6° 7	12° 2	15°30	22°48	19°58	3°57	2°49	10°45	n.a.	S 14
M15	21 15 49	17° 0'42	14°51	0°41	22°29	6°53	6°15	12° 7	15°30	22°49	19°59	3°46	2°46	10°51	n.a.	M15
T 16	21 19 46	17°59'16	28° 4	1° 4	22°47	7°34	6°24	12°12	15°31	22°49	19°59	3°34	2°43	10°58	n.a.	T 16
W17	21 23 42	18°57'53	11♓ 0	1°35	23° 2	8°15	6°32	12°17	15°31	22°49	19°59	3°22	2°40	11° 5	n.a.	W17
T 18	21 27 39	19°56'32	23°38	2°16	23°15	8°57	6°39	12°21	15°32	22°49	19°59	3°10	2°36	11°11	n.a.	T 18
F 19	21 31 35	20°55'13	6♈ 0	3° 4	23°26	9°38	6°47	12°26	15°32	22°50	19°59	3° 1	2°33	11°18	n.a.	F 19
S 20	21 35 32	21°53'56	18° 8	4° 1	23°36	10°20	6°55	12°30	15°33	22°50	19°59	2°54	2°30	11°24	n.a.	S 20
S 21	21 39 28	22°52'42	0♉ 4	5° 5	23°43	11° 1	7° 2	12°34	15°33	22°50	19°59	2°50	2°27	11°31	n.a.	S 21
M22	21 43 25	23°51'30	11°54	6°15	23°47	11°43	7° 9	12°38	15°33	22°51	20° 0	2°48	2°24	11°38	n.a.	M22
T 23	21 47 21	24°50'21	23°43	7°32	23°50	12°25	7°16	12°42	15°33	22°51	20° 0	2°D47	2°20	11°44	n.a.	T 23
W24	21 51 18	25°49'13	5♊35	8°55	23°R50	13° 7	7°23	12°46	15°33	22°52	20° 0	2°R47	2°17	11°51	n.a.	W24
T 25	21 55 14	26°48'09	17°36	10°22	23°48	13°49	7°30	12°50	15°34	22°52	20°R 0	2°47	2°14	11°58	n.a.	T 25
F 26	21 59 11	27°47'06	29°52	11°53	23°44	14°31	7°37	12°54	15°R34	22°53	20° 0	2°45	2°11	12° 4	n.a.	F 26
S 27	22 3 8	28°46'06	12♋28	13°28	23°37	15°13	7°44	12°58	15°34	22°53	20° 0	2°40	2° 8	12°11	n.a.	S 27
S 28	22 7 4	29°45'09	25°25	15° 5	23°28	15°55	7°50	13° 2	15°33	22°54	20° 0	2°32	2° 5	12°18	n.a.	S 28
M29	22 11 1	0♍44'13	8♌46	16°46	23°16	16°37	7°56	13° 5	15°33	22°54	19°59	2°22	2° 1	12°24	n.a.	M29
T 30	22 14 57	1°43'20	22°31	18°28	23° 2	17°20	8° 2	13° 9	15°33	22°55	19°59	2°11	1°58	12°31	n.a.	T 30
W31	22 18 54	2♍42'29	6♍35	20♌12	22♍46	18♎ 2	8♊ 8	13♊12	15♉33	22♏56	19♉59	1♊58	1♊55	12♉38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19n38	24n24	4n11	14n 8	4s21	2n38	3s22	1n 4	0n 2	20n44	0s30	21n15	1s 7	16n22	0s16	17s11	1n34	9n22	8s53	21n24	21n 7	12n46			n.a.
T 2	19 24	21 25	4 44	14 29	4 15	2 14	3 32	0 47	0 1	20 46	0 30	21 16	1 7	16 23	0 16	17 11	1 34	9 22	8 53	21 22	21 6	12 49			n.a.
W 3	19 10	17 13	5 1	14 51	4 7	1 51	3 41	0 30	0s 0	20 48	0 30	21 17	1 7	16 23	0 16	17 11	1 34	9 22	8 54	21 20	21 6	12 52			n.a.
T 4	18 56	12 3	5 2	15 15	3 57	1 28	3 51	0 13	0 1	20 50	0 30	21 18	1 7	16 23	0 16	17 11	1 34	9 22	8 54	21 19	21 5	12 55			n.a.
F 5	18 41	6 13	4 44	15 40	3 45	1 5	4 1	0s 4	0 2	20 52	0 30	21 18	1 7	16 24	0 16	17 11	1 34	9 22	8 54	21 17	21 4	12 58			n.a.
S 6	18 26	0 2	4 9	16 6	3 31	0 43	4 11	0 21	0 3	20 53	0 30	21 19	1 7	16 24	0 16	17 11	1 34	9 22	8 54	21 16	21 4	13 0			n.a.
S 7	18 10	6s11	3 19	16 32	3 16	0 21	4 21	0 38	0 3	20 55	0 30	21 20	1 7	16 24	0 16	17 11	1 34	9 22	8 54	21 16	21 3	13 3			n.a.
M 8	17 54	12 6	2 16	16 58	3 0	0 0	4 31	0 55	0 4	20 57	0 30	21 21	1 7	16 24	0 16	17 11	1 34	9 22	8 54	21 15	21 3	13 6			n.a.
T 9	17 38	17 24	1 6	17 24	2 43	0s21	4 41	1 12	0 5	20 59	0 30	21 21	1 7	16 25	0 16	17 11	1 34	9 22	8 54	21 15	21 2	13 9			n.a.
W10	17 22	21 42	0s 9	17 48	2 25	0 41	4 51	1 29	0 6	21 0	0 30	21 22	1 7	16 25	0 16	17 11	1 34	9 22	8 55	21 15	21 1	13 12			n.a.
T 11	17 5	24 43	1 22	18 11	2 6	1 1	5 2	1 46	0 7	21 2	0 30	21 23	1 7	16 25	0 16	17 11	1 34	9 22	8 55	21 15	21 1	13 15			n.a.
F 12	16 48	26 11	2 30	18 33	1 47	1 20	5 12	2 4	0 8	21 3	0 30	21 23	1 7	16 25	0 16	17 11	1 34	9 22	8 55	21 15	21 0	13 18			n.a.
S 13	16 31	26 0	3 29	18 53	1 28	1 38	5 22	2 21	0 8	21 5	0 30	21 24	1 7	16 26	0 16	17 11	1 34	9 21	8 55	21 14	21 0	13 21			n.a.
S 14	16 14	24 14	4 15	19 10	1 9	1 56	5 33	2 38	0 9	21 6	0 30	21 25	1 7	16 26	0 16	17 12	1 34	9 21	8 55	21 12	20 59	13 23			n.a.
M15	15 56	21 7	4 45	19 25	0 51	2 13	5 43	2 55	0 10	21 8	0 30	21 25	1 7	16 26	0 16	17 12	1 34	9 21	8 55	21 10	20 58	13 26			n.a.
T 16	15 38	16 58	5 0	19 38	0 33	2 30	5 53	3 12	0 11	21 9	0 30	21 26	1 7	16 26	0 16	17 12	1 34	9 21	8 55	21 8	20 58	13 29			n.a.
W17	15 19	12 7	4 59	19 47	0 16	2 45	6 3	3 30	0 12	21 11	0 30	21 26	1 7	16 26	0 16	17 12	1 33	9 21	8 56	21 5	20 57	13 32			n.a.
T 18	15 1	6 52	4 43	19 54	0 0	3 0	6 14	3 47	0 12	21 12	0 30	21 27	1 7	16 26	0 16	17 12	1 33	9 21	8 56	21 3	20 56	13 35			n.a.
F 19	14 42	1 27	4 13	19 57	0n15	3 14	6 24	4 4	0 13	21 13	0 30	21 28	1 7	16 26	0 16	17 12	1 33	9 21	8 56	21 1	20 56	13 38			n.a.
S 20	14 23	3n55	3 33	19 58	0 29	3 26	6 34	4 21	0 14	21 15	0 30	21 28	1 7	16 27	0 16	17 12	1 33	9 21	8 56	21 0	20 55	13 41			n.a.
S 21	14 4	9 5	2 44	19 55	0 42	3 38	6 44	4 38	0 15	21 16	0 30	21 29	1 7	16 27	0 16	17 12	1 33	9 21	8 56	20 59	20 54	13 43			n.a.
M22	13 44	13 53	1 48	19 49	0 54	3 49	6 53	4 56	0 16	21 17	0 30	21 29	1 7	16 27	0 16	17 13	1 33	9 20	8 56	20 59	20 54	13 46			n.a.
T 23	13 24	18 9	0 48	19 39	1 5	3 59	7 3	5 13	0 16	21 18	0 30	21 30	1 7	16 27	0 16	17 13	1 33	9 20	8 57	20 59	20 53	13 49			n.a.
W24	13 4	21 45	0n15	19 27	1 14	4 7	7 12	5 30	0 17	21 20	0 30	21 30	1 7	16 27	0 16	17 13	1 33	9 20	8 57	20 59	20 53	13 52			n.a.
T 25	12 44	24 26	1 18	19 11	1 23	4 15	7 21	5 47	0 18	21 21	0 30	21 31	1 7	16 27	0 16	17 13	1 33	9 20	8 57	20 58	20 52	13 55			n.a.
F 26	12 23	26 2	2 18	18 53	1 30	4 21	7 30	6 4	0 19	21 22	0 30	21 31	1 7	16 27	0 16	17 13	1 33	9 20	8 57	20 58	20 51	13 58			n.a.
S 27	12 3	26 21	3 13	18 31	1 36	4 26	7 38	6 22	0 19	21 23	0 30	21 31	1 7	16 27	0 16	17 14	1 33	9 20	8 57	20 57	20 51	14 1			n.a.
S 28	11 42	25 15	4 0	18 7	1 41	4 30	7 46	6 39	0 20	21 24	0 30	21 32	1 7	16 27	0 16	17 14	1 33	9 20	8 57	20 56	20 50	14 3			n.a.
M29	11 21	22 43	4 36	17 41	1 46	4 32	7 54	6 56	0 21	21 25	0 29	21 32	1 7	16 27	0 16	17 14	1 33	9 19	8 57	20 54	20 49	14 6			n.a.
T 30	11 0	18 50	4 56	17 12	1 49	4 33	8 1	7 13	0 22	21 26	0 29	21 33	1 7	16 27	0 16	17 14	1 33	9 19	8 58	20 51	20 49	14 9			n.a.
W31	10n38	13n50	4n59	16n41	1n51	4s33	8s 8	7s30	0s22	21n27	0s29	21n33	1s 7	16n27	0s16	17s14	1n33	9n19	8s58	20n49	20n48	14n12			n.a.

Julian Day Number = 1602929.5, Delta T = 03h58m01s
Ecliptic obliquity = 23°44'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°33'03, Lahiri = - 8°26'03 Julian Calendar 1 Aug. 325 BCE == Greg. Calendar 27 July 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

SEPTEMBER 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 50	3♍41'40	20♍54	21♌57	22°R27	18♎45	8♊14	13♊15	15°R33	22♏56	19°R59	1°R47	1♊52	12♉44	n.a.	T 1
F 2	22 26 47	4°40'53	5♎22	23°43	22♍ 6	19°27	8°19	13°18	15♉32	22°57	19♉59	1♊37	1°49	12°51	n.a.	F 2
S 3	22 30 43	5°40'08	19°52	25°29	21°43	20°10	8°25	13°21	15°32	22°58	19°59	1°29	1°46	12°58	n.a.	S 3
S 4	22 34 40	6°39'26	4♏18	27°16	21°18	20°53	8°30	13°24	15°32	22°59	19°58	1°25	1°42	13° 4	n.a.	S 4
M 5	22 38 37	7°38'45	18°37	29° 3	20°51	21°36	8°35	13°27	15°31	23° 0	19°58	1°23	1°39	13°11	n.a.	M 5
T 6	22 42 33	8°38'05	2♐47	0♍50	20°23	22°18	8°40	13°30	15°30	23° 1	19°58	1°23	1°36	13°18	n.a.	T 6
W 7	22 46 30	9°37'28	16°45	2°37	19°52	23° 1	8°45	13°33	15°30	23° 1	19°58	1°23	1°33	13°24	n.a.	W 7
T 8	22 50 26	10°36'53	0♑33	4°23	19°20	23°45	8°50	13°35	15°29	23° 2	19°57	1°22	1°30	13°31	n.a.	T 8
F 9	22 54 23	11°36'19	14°10	6°10	18°47	24°28	8°54	13°38	15°29	23° 3	19°57	1°18	1°26	13°38	n.a.	F 9
S 10	22 58 19	12°35'48	27°37	7°55	18°12	25°11	8°58	13°40	15°28	23° 4	19°57	1°12	1°23	13°44	n.a.	S 10
S 11	23 2 16	13°35'18	10♒53	9°41	17°37	25°54	9° 2	13°42	15°27	23° 5	19°56	1° 3	1°20	13°51	n.a.	S 11
M12	23 6 12	14°34'50	23°58	11°25	17° 1	26°38	9° 6	13°44	15°26	23° 7	19°56	0°52	1°17	13°58	n.a.	M12
T 13	23 10 9	15°34'24	6♓51	13° 9	16°24	27°21	9°10	13°46	15°25	23° 8	19°56	0°39	1°14	14° 4	n.a.	T 13
W14	23 14 6	16°34'00	19°30	14°53	15°47	28° 4	9°13	13°48	15°24	23° 9	19°55	0°26	1°11	14°11	n.a.	W14
T 15	23 18 2	17°33'39	1♈57	16°35	15°11	28°48	9°17	13°50	15°23	23°10	19°55	0°14	1° 7	14°17	n.a.	T 15
F 16	23 21 59	18°33'19	14°10	18°18	14°35	29°32	9°20	13°52	15°22	23°11	19°54	0° 4	1° 4	14°24	n.a.	F 16
S 17	23 25 55	19°33'02	26°13	19°59	13°59	0♏15	9°23	13°53	15°21	23°12	19°54	29♉56	1° 1	14°31	n.a.	S 17
S 18	23 29 52	20°32'47	8♉ 6	21°40	13°24	0°59	9°25	13°55	15°20	23°14	19°53	29°51	0°58	14°37	n.a.	S 18
M19	23 33 48	21°32'34	19°54	23°20	12°50	1°43	9°28	13°56	15°19	23°15	19°53	29°49	0°55	14°44	n.a.	M19
T 20	23 37 45	22°32'24	1♊41	25° 0	12°17	2°27	9°30	13°57	15°18	23°16	19°52	29°D49	0°51	14°51	n.a.	T 20
W21	23 41 41	23°32'16	13°31	26°39	11°46	3°11	9°33	13°58	15°17	23°17	19°52	29°49	0°48	14°57	n.a.	W21
T 22	23 45 38	24°32'10	25°31	28°17	11°17	3°55	9°35	13°59	15°15	23°19	19°51	29°R49	0°45	15° 4	n.a.	T 22
F 23	23 49 34	25°32'07	7♋45	29°55	10°49	4°39	9°37	14° 0	15°14	23°20	19°50	29°49	0°42	15°11	n.a.	F 23
S 24	23 53 31	26°32'06	20°19	1♎32	10°23	5°23	9°38	14° 1	15°12	23°22	19°50	29°46	0°39	15°17	n.a.	S 24
S 25	23 57 28	27°32'07	3♌18	3° 9	10° 0	6° 8	9°40	14° 2	15°11	23°23	19°49	29°41	0°36	15°24	n.a.	S 25
M26	0 1 24	28°32'11	16°43	4°45	9°38	6°52	9°41	14° 2	15°10	23°25	19°49	29°33	0°32	15°31	n.a.	M26
T 27	0 5 21	29°32'16	0♍36	6°21	9°19	7°36	9°42	14° 3	15° 8	23°26	19°48	29°24	0°29	15°37	n.a.	T 27
W28	0 9 17	0♎32'24	14°54	7°56	9° 2	8°21	9°43	14° 3	15° 6	23°28	19°47	29°14	0°26	15°44	n.a.	W28
T 29	0 13 14	1°32'34	29°33	9°31	8°48	9° 5	9°43	14° 3	15° 5	23°29	19°46	29° 5	0°23	15°51	n.a.	T 29
F 30	0 17 10	2♎32'45	14♎24	11♎ 5	8♍36	9♏50	9♊44	14°R 3	15♉ 3	23♏31	19♉46	28♉57	0♊20	15♉57	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n17	7n59	4n44	16n 8	1n53	4s31	8s14	7s47	0s23	21n28	0s29	21n34	1s 7	16n27	0s16	17s15	1n33	9n19	8s58	20n46	20n47	14n15		n.a.
F 2	9 55	1 40	4 10	15 34	1 53	4 28	8 19	8 4	0 24	21 29	0 29	21 34	1 7	16 26	0 16	17 15	1 33	9 19	8 58	20 44	20 47	14 17		n.a.
S 3	9 33	4s46	3 21	14 57	1 53	4 23	8 24	8 21	0 25	21 30	0 29	21 34	1 7	16 26	0 16	17 15	1 32	9 19	8 58	20 43	20 46	14 20		n.a.
S 4	9 11	10 57	2 18	14 20	1 53	4 17	8 28	8 38	0 25	21 31	0 29	21 35	1 7	16 26	0 16	17 15	1 32	9 18	8 58	20 42	20 46	14 23		n.a.
M 5	8 48	16 30	1 7	13 41	1 51	4 9	8 31	8 55	0 26	21 32	0 29	21 35	1 7	16 26	0 16	17 16	1 32	9 18	8 59	20 42	20 45	14 26		n.a.
T 6	8 26	21 6	0s 7	13 1	1 49	4 0	8 34	9 12	0 27	21 32	0 29	21 35	1 7	16 26	0 16	17 16	1 32	9 18	8 59	20 42	20 44	14 29		n.a.
W 7	8 3	24 24	1 20	12 20	1 47	3 49	8 35	9 29	0 27	21 33	0 29	21 35	1 8	16 26	0 16	17 16	1 32	9 18	8 59	20 42	20 44	14 32		n.a.
T 8	7 41	26 12	2 28	11 38	1 44	3 38	8 36	9 46	0 28	21 34	0 29	21 36	1 8	16 25	0 16	17 17	1 32	9 17	8 59	20 41	20 43	14 34		n.a.
F 9	7 18	26 23	3 26	10 55	1 41	3 24	8 36	10 2	0 29	21 35	0 29	21 36	1 8	16 25	0 16	17 17	1 32	9 17	8 59	20 41	20 42	14 37		n.a.
S 10	6 55	25 0	4 11	10 12	1 37	3 10	8 35	10 19	0 29	21 35	0 29	21 36	1 8	16 25	0 16	17 17	1 32	9 17	8 59	20 39	20 42	14 40		n.a.
S 11	6 32	22 14	4 43	9 28	1 33	2 54	8 33	10 36	0 30	21 36	0 29	21 37	1 8	16 25	0 16	17 18	1 32	9 17	8 59	20 37	20 41	14 43		n.a.
M12	6 9	18 23	4 59	8 44	1 29	2 38	8 30	10 52	0 31	21 37	0 29	21 37	1 8	16 25	0 16	17 18	1 32	9 17	9 0	20 35	20 40	14 46		n.a.
T 13	5 45	13 43	4 59	7 59	1 24	2 20	8 26	11 9	0 31	21 37	0 29	21 37	1 8	16 24	0 16	17 18	1 32	9 16	9 0	20 32	20 40	14 48		n.a.
W14	5 22	8 33	4 45	7 14	1 19	2 1	8 21	11 25	0 32	21 38	0 29	21 37	1 8	16 24	0 16	17 19	1 32	9 16	9 0	20 30	20 39	14 51		n.a.
T 15	4 58	3 8	4 17	6 29	1 14	1 42	8 16	11 41	0 33	21 38	0 29	21 37	1 8	16 24	0 16	17 19	1 32	9 16	9 0	20 27	20 38	14 54		n.a.
F 16	4 35	2n19	3 37	5 44	1 8	1 22	8 9	11 58	0 33	21 39	0 29	21 37	1 8	16 23	0 16	17 19	1 32	9 16	9 0	20 25	20 38	14 57		n.a.
S 17	4 11	7 38	2 49	4 58	1 3	1 1	8 1	12 14	0 34	21 39	0 29	21 38	1 8	16 23	0 16	17 20	1 32	9 15	9 0	20 23	20 37	15 0		n.a.
S 18	3 47	12 36	1 53	4 13	0 57	0 40	7 53	12 30	0 35	21 40	0 29	21 38	1 8	16 23	0 16	17 20	1 32	9 15	9 0	20 22	20 36	15 2		n.a.
M19	3 24	17 5	0 53	3 27	0 51	0 19	7 44	12 46	0 35	21 40	0 29	21 38	1 8	16 22	0 16	17 20	1 32	9 15	9 0	20 22	20 36	15 5		n.a.
T 20	3 0	20 55	0n10	2 42	0 45	0n 3	7 34	13 2	0 36	21 41	0 29	21 38	1 8	16 22	0 16	17 21	1 32	9 15	9 1	20 22	20 35	15 8		n.a.
W21	2 36	23 54	1 13	1 56	0 38	0 24	7 24	13 18	0 37	21 41	0 29	21 38	1 8	16 22	0 16	17 21	1 31	9 14	9 1	20 22	20 34	15 11		n.a.
T 22	2 12	25 52	2 13	1 11	0 32	0 46	7 12	13 34	0 37	21 41	0 29	21 38	1 8	16 21	0 16	17 21	1 31	9 14	9 1	20 22	20 34	15 13		n.a.
F 23	1 48	26 38	3 8	0 25	0 26	1 7	7 1	13 49	0 38	21 42	0 29	21 38	1 8	16 21	0 16	17 22	1 31	9 14	9 1	20 22	20 33	15 16		n.a.
S 24	1 24	26 4	3 56	0s20	0 19	1 28	6 48	14 5	0 38	21 42	0 29	21 38	1 8	16 20	0 16	17 22	1 31	9 13	9 1	20 21	20 32	15 19		n.a.
S 25	1 0	24 5	4 33	1 5	0 12	1 49	6 36	14 21	0 39	21 42	0 29	21 38	1 8	16 20	0 16	17 23	1 31	9 13	9 1	20 20	20 32	15 22		n.a.
M26	0 35	20 44	4 57	1 49	0 6	2 9	6 23	14 36	0 40	21 42	0 29	21 38	1 8	16 20	0 16	17 23	1 31	9 13	9 1	20 18	20 31	15 25		n.a.
T 27	0 11	16 8	5 5	2 34	0s 1	2 28	6 9	14 51	0 40	21 43	0 28	21 38	1 8	16 19	0 16	17 24	1 31	9 13	9 1	20 16	20 30	15 27		n.a.
W28	0s13	10 31	4 54	3 18	0 7	2 47	5 56	15 6	0 41	21 43	0 28	21 38	1 8	16 19	0 16	17 24	1 31	9 12	9 2	20 14	20 30	15 30		n.a.
T 29	0 37	4 12	4 23	4 2	0 14	3 6	5 42	15 21	0 41	21 43	0 28	21 38	1 8	16 18	0 16	17 24	1 31	9 12	9 2	20 12	20 29	15 33		n.a.
F 30	1s 1	2s27	3n35	4s45	0s21	3n23	5s28	15s36	0s42	21n43	0s28	21n38	1s 8	16n18	0s16	17s25	1n31	9n12	9s 2	20n10	20n28	15n36		n.a.

Julian Day Number = 1602960.5, Delta T = 03h58m00s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'59, Lahiri = - 8°25'59 Julian Calendar 1 Sept. 325 BCE == Greg. Calendar 27 Aug. 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

OCTOBER 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 7	3♎32'59	29♎19	12♎39	8°R26	10♏35	9♊44	14°R 3	15°R 1	23♏32	19°R45	28°R51	0♊17	16♉ 4	n.a.	S 1
S 2	0 25 3	4°33'14	14♏10	14°12	8♍19	11°19	9°R44	14♊ 3	15♉ 0	23°34	19♉44	28♉48	0°13	16°11	n.a.	S 2
M 3	0 29 0	5°33'31	28°50	15°45	8°14	12° 4	9°44	14° 3	14°58	23°36	19°43	28°D47	0°10	16°17	n.a.	M 3
T 4	0 32 57	6°33'50	13♐13	17°17	8°D12	12°49	9°43	14° 3	14°56	23°37	19°43	28°48	0° 7	16°24	n.a.	T 4
W 5	0 36 53	7°34'11	27°19	18°49	8°12	13°34	9°43	14° 2	14°54	23°39	19°42	28°49	0° 4	16°30	n.a.	W 5
T 6	0 40 50	8°34'33	11♑ 6	20°21	8°15	14°19	9°42	14° 2	14°52	23°41	19°41	28°R49	0° 1	16°37	n.a.	T 6
F 7	0 44 46	9°34'56	24°36	21°52	8°20	15° 4	9°41	14° 1	14°51	23°42	19°40	28°48	29♉57	16°44	n.a.	F 7
S 8	0 48 43	10°35'21	7♒49	23°23	8°27	15°49	9°40	14° 0	14°49	23°44	19°39	28°45	29°54	16°50	n.a.	S 8
S 9	0 52 39	11°35'47	20°47	24°54	8°36	16°34	9°39	13°59	14°47	23°46	19°38	28°39	29°51	16°57	n.a.	S 9
M10	0 56 36	12°36'15	3♓32	26°24	8°48	17°20	9°37	13°58	14°45	23°48	19°38	28°32	29°48	17° 4	n.a.	M10
T 11	1 0 32	13°36'44	16° 5	27°53	9° 2	18° 5	9°35	13°57	14°43	23°50	19°37	28°24	29°45	17°10	n.a.	T 11
W12	1 4 29	14°37'15	28°27	29°23	9°18	18°50	9°33	13°56	14°40	23°51	19°36	28°15	29°42	17°17	n.a.	W12
T 13	1 8 26	15°37'47	10♈40	0♏51	9°36	19°36	9°31	13°55	14°38	23°53	19°35	28° 7	29°38	17°24	n.a.	T 13
F 14	1 12 22	16°38'22	22°43	2°20	9°55	20°21	9°29	13°53	14°36	23°55	19°34	28° 1	29°35	17°30	n.a.	F 14
S 15	1 16 19	17°38'57	4♉38	3°48	10°17	21° 6	9°26	13°52	14°34	23°57	19°33	27°56	29°32	17°37	n.a.	S 15
S 16	1 20 15	18°39'35	16°28	5°15	10°41	21°52	9°23	13°50	14°32	23°59	19°32	27°53	29°29	17°44	n.a.	S 16
M17	1 24 12	19°40'14	28°15	6°42	11° 7	22°38	9°20	13°48	14°30	24° 1	19°31	27°D52	29°26	17°50	n.a.	M17
T 18	1 28 8	20°40'55	10♊ 1	8° 8	11°34	23°23	9°17	13°46	14°27	24° 3	19°30	27°53	29°23	17°57	n.a.	T 18
W19	1 32 5	21°41'38	21°52	9°34	12° 3	24° 9	9°14	13°44	14°25	24° 5	19°29	27°55	29°19	18° 4	n.a.	W19
T 20	1 36 1	22°42'22	3♋51	10°59	12°33	24°55	9°10	13°42	14°23	24° 7	19°28	27°56	29°16	18°10	n.a.	T 20
F 21	1 39 58	23°43'08	16° 3	12°23	13° 6	25°41	9° 7	13°40	14°20	24° 9	19°27	27°58	29°13	18°17	n.a.	F 21
S 22	1 43 55	24°43'56	28°33	13°46	13°39	26°26	9° 3	13°38	14°18	24°11	19°26	27°R58	29°10	18°24	n.a.	S 22
S 23	1 47 51	25°44'46	11♌26	15° 8	14°14	27°12	8°59	13°35	14°16	24°13	19°25	27°57	29° 7	18°30	n.a.	S 23
M24	1 51 48	26°45'37	24°45	16°29	14°51	27°58	8°54	13°33	14°13	24°15	19°24	27°54	29° 3	18°37	n.a.	M24
T 25	1 55 44	27°46'29	8♍33	17°48	15°29	28°44	8°50	13°30	14°11	24°17	19°23	27°50	29° 0	18°43	n.a.	T 25
W26	1 59 41	28°47'24	22°49	19° 6	16° 8	29°30	8°45	13°27	14° 9	24°19	19°21	27°46	28°57	18°50	n.a.	W26
T 27	2 3 37	29°48'19	7♎30	20°23	16°48	0♐16	8°41	13°25	14° 6	24°21	19°20	27°42	28°54	18°57	n.a.	T 27
F 28	2 7 34	0♏49'16	22°31	21°37	17°30	1° 3	8°36	13°22	14° 4	24°23	19°19	27°38	28°51	19° 3	n.a.	F 28
S 29	2 11 30	1°50'14	7♏41	22°49	18°12	1°49	8°30	13°19	14° 1	24°25	19°18	27°35	28°48	19°10	n.a.	S 29
S 30	2 15 27	2°51'14	22°51	23°59	18°56	2°35	8°25	13°15	13°59	24°27	19°17	27°D34	28°44	19°17	n.a.	S 30
M31	2 19 23	3♏52'15	7♐53	25♏ 5	19♍41	3♐21	8♊20	13♊12	13♉56	24♏30	19♉16	27♉35	28♉41	19♉23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s26	9s 1	2n31	5s28	0s27	3n40	5s14	15s51	0s43	21n43	0s28	21n38	1s 8	16n17	0s16	17s25	1n31	9n11	9s 2	20n 9	20n28	15n38		n.a.
S 2	1 50	15 3	1 18	6 11	0 34	3 55	5 0	16 6	0 43	21 43	0 28	21 38	1 8	16 17	0 16	17 26	1 31	9 11	9 2	20 8	20 27	15 41		n.a.
M 3	2 14	20 9	0s 0	6 54	0 41	4 10	4 46	16 20	0 44	21 43	0 28	21 38	1 8	16 16	0 16	17 26	1 31	9 11	9 2	20 8	20 26	15 44		n.a.
T 4	2 38	23 56	1 17	7 36	0 47	4 24	4 32	16 35	0 44	21 43	0 28	21 38	1 8	16 16	0 16	17 27	1 31	9 11	9 2	20 8	20 26	15 47		n.a.
W 5	3 2	26 10	2 27	8 17	0 53	4 37	4 18	16 49	0 45	21 43	0 28	21 38	1 8	16 15	0 16	17 27	1 31	9 10	9 2	20 9	20 25	15 49		n.a.
T 6	3 26	26 43	3 28	8 58	1 0	4 49	4 4	17 3	0 45	21 43	0 28	21 38	1 8	16 15	0 16	17 28	1 31	9 10	9 2	20 9	20 24	15 52		n.a.
F 7	3 51	25 39	4 15	9 39	1 6	5 0	3 50	17 17	0 46	21 43	0 28	21 38	1 8	16 14	0 16	17 28	1 31	9 10	9 2	20 8	20 24	15 55		n.a.
S 8	4 15	23 10	4 48	10 19	1 12	5 10	3 36	17 31	0 46	21 43	0 28	21 38	1 8	16 13	0 16	17 29	1 31	9 9	9 2	20 8	20 23	15 57		n.a.
S 9	4 38	19 33	5 5	10 58	1 18	5 19	3 23	17 45	0 47	21 43	0 28	21 38	1 8	16 13	0 16	17 29	1 31	9 9	9 3	20 6	20 22	16 0		n.a.
M10	5 2	15 5	5 7	11 37	1 24	5 27	3 9	17 58	0 48	21 43	0 28	21 38	1 9	16 12	0 16	17 29	1 31	9 9	9 3	20 5	20 21	16 3		n.a.
T 11	5 26	10 3	4 54	12 15	1 30	5 34	2 56	18 12	0 48	21 42	0 28	21 37	1 9	16 12	0 16	17 30	1 31	9 8	9 3	20 3	20 21	16 6		n.a.
W12	5 50	4 41	4 27	12 53	1 36	5 40	2 43	18 25	0 49	21 42	0 28	21 37	1 9	16 11	0 16	17 30	1 31	9 8	9 3	20 1	20 20	16 8		n.a.
T 13	6 14	0n47	3 48	13 30	1 41	5 45	2 30	18 38	0 49	21 42	0 28	21 37	1 9	16 10	0 16	17 31	1 30	9 8	9 3	19 59	20 19	16 11		n.a.
F 14	6 37	6 10	2 59	14 6	1 47	5 49	2 18	18 51	0 50	21 42	0 28	21 37	1 9	16 10	0 16	17 31	1 30	9 7	9 3	19 58	20 19	16 14		n.a.
S 15	7 1	11 18	2 3	14 41	1 52	5 52	2 6	19 4	0 50	21 41	0 28	21 37	1 9	16 9	0 16	17 32	1 30	9 7	9 3	19 57	20 18	16 17		n.a.
S 16	7 24	15 59	1 2	15 16	1 56	5 54	1 54	19 16	0 51	21 41	0 27	21 36	1 9	16 8	0 16	17 33	1 30	9 7	9 3	19 56	20 17	16 19		n.a.
M17	7 47	20 3	0n 2	15 49	2 1	5 55	1 42	19 29	0 51	21 40	0 27	21 36	1 9	16 8	0 16	17 33	1 30	9 7	9 3	19 56	20 17	16 22		n.a.
T 18	8 10	23 19	1 6	16 22	2 5	5 55	1 31	19 41	0 51	21 40	0 27	21 36	1 9	16 7	0 16	17 34	1 30	9 6	9 3	19 56	20 16	16 25		n.a.
W19	8 33	25 36	2 7	16 54	2 10	5 54	1 19	19 53	0 52	21 40	0 27	21 36	1 9	16 6	0 16	17 34	1 30	9 6	9 3	19 56	20 15	16 27		n.a.
T 20	8 56	26 45	3 4	17 25	2 13	5 53	1 9	20 5	0 52	21 39	0 27	21 36	1 9	16 6	0 16	17 35	1 30	9 6	9 3	19 57	20 15	16 30		n.a.
F 21	9 19	26 37	3 54	17 55	2 17	5 50	0 58	20 16	0 53	21 39	0 27	21 35	1 9	16 5	0 16	17 35	1 30	9 5	9 3	19 57	20 14	16 33		n.a.
S 22	9 42	25 10	4 33	18 23	2 20	5 46	0 48	20 28	0 53	21 38	0 27	21 35	1 9	16 4	0 16	17 36	1 30	9 5	9 3	19 57	20 13	16 35		n.a.
S 23	10 4	22 22	5 1	18 51	2 23	5 42	0 38	20 39	0 54	21 38	0 27	21 35	1 9	16 4	0 16	17 36	1 30	9 5	9 3	19 57	20 12	16 38		n.a.
M24	10 26	18 20	5 13	19 17	2 25	5 37	0 28	20 50	0 54	21 37	0 27	21 34	1 9	16 3	0 16	17 37	1 30	9 4	9 3	19 56	20 12	16 41		n.a.
T 25	10 49	13 13	5 8	19 42	2 27	5 31	0 18	21 1	0 55	21 36	0 27	21 34	1 9	16 2	0 16	17 37	1 30	9 4	9 3	19 55	20 11	16 43		n.a.
W26	11 11	7 13	4 44	20 5	2 28	5 24	0 9	21 11	0 55	21 36	0 27	21 34	1 9	16 1	0 16	17 38	1 30	9 4	9 4	19 54	20 10	16 46		n.a.
T 27	11 32	0 40	4 1	20 27	2 29	5 16	0n 0	21 22	0 55	21 35	0 27	21 33	1 9	16 1	0 16	17 38	1 30	9 3	9 4	19 53	20 10	16 49		n.a.
F 28	11 54	6s 4	3 1	20 47	2 29	5 8	0 9	21 32	0 56	21 34	0 27	21 33	1 9	16 0	0 16	17 39	1 30	9 3	9 4	19 53	20 9	16 51		n.a.
S 29	12 16	12 33	1 47	21 6	2 29	4 59	0 17	21 42	0 56	21 34	0 26	21 33	1 9	15 59	0 16	17 39	1 30	9 3	9 4	19 52	20 8	16 54		n.a.
S 30	12 37	18 18	0 26	21 23	2 27	4 49	0 25	21 52	0 57	21 33	0 26	21 32	1 9	15 59	0 16	17 40	1 30	9 2	9 4	19 52	20 8	16 57		n.a.
M31	12s58	22s49	0s57	21s37	2s26	4n39	0n33	22s 1	0s57	21n32	0s26	21n32	1s 9	15n58	0s16	17s41	1n30	9n 2	9s 4	19n52	20n 7	16n59		n.a.

Julian Day Number = 1602990.5, Delta T = 03h57m59s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'55, Lahiri = - 8°25'55 Julian Calendar 1 Oct. 325 BCE == Greg. Calendar 26 Sept. 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

NOVEMBER 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 23 20	4♏53'16	22♐37	26♏ 8	20♍27	4♐ 8	8°R14	13°R 9	13°R54	24♏32	19°R15	27♉36	28♉38	19♉30	n.a.	T 1
W 2	2 27 17	5°54'19	7♑ 0	27° 7	21°13	4°54	8♊ 8	13♊ 6	13♉51	24°34	19♉14	27°37	28°35	19°37	n.a.	W 2
T 3	2 31 13	6°55'22	20°58	28° 1	22° 1	5°40	8° 2	13° 2	13°49	24°36	19°13	27°39	28°32	19°43	n.a.	T 3
F 4	2 35 10	7°56'26	4♒32	28°50	22°50	6°27	7°56	12°59	13°46	24°38	19°11	27°R39	28°28	19°50	n.a.	F 4
S 5	2 39 6	8°57'30	17°44	29°34	23°39	7°13	7°50	12°55	13°44	24°41	19°10	27°39	28°25	19°57	n.a.	S 5
S 6	2 43 3	9°58'35	0♓35	0♐10	24°29	8° 0	7°44	12°51	13°41	24°43	19° 9	27°38	28°22	20° 3	n.a.	S 6
M 7	2 46 59	10°59'41	13° 8	0°40	25°21	8°47	7°37	12°48	13°39	24°45	19° 8	27°36	28°19	20°10	n.a.	M 7
T 8	2 50 56	12° 0'47	25°28	1° 1	26°12	9°33	7°31	12°44	13°36	24°47	19° 7	27°34	28°16	20°17	n.a.	T 8
W 9	2 54 53	13° 1'54	7♈37	1°12	27° 5	10°20	7°24	12°40	13°33	24°49	19° 6	27°31	28°13	20°23	n.a.	W 9
T 10	2 58 49	14° 3'02	19°37	1°R14	27°58	11° 6	7°17	12°36	13°31	24°52	19° 4	27°29	28° 9	20°30	n.a.	T 10
F 11	3 2 46	15° 4'10	1♉30	1° 5	28°52	11°53	7°10	12°32	13°28	24°54	19° 3	27°27	28° 6	20°36	n.a.	F 11
S 12	3 6 42	16° 5'19	13°20	0°44	29°47	12°40	7° 3	12°28	13°26	24°56	19° 2	27°26	28° 3	20°43	n.a.	S 12
S 13	3 10 39	17° 6'28	25° 8	0°12	0♎42	13°27	6°56	12°23	13°23	24°58	19° 1	27°D26	28° 0	20°50	n.a.	S 13
M14	3 14 35	18° 7'38	6♊56	29♏29	1°38	14°13	6°48	12°19	13°21	25° 1	19° 0	27°26	27°57	20°56	n.a.	M14
T 15	3 18 32	19° 8'49	18°46	28°35	2°35	15° 0	6°41	12°15	13°18	25° 3	18°59	27°27	27°54	21° 3	n.a.	T 15
W16	3 22 28	20°10'01	0♋42	27°30	3°32	15°47	6°34	12°10	13°16	25° 5	18°57	27°27	27°50	21°10	n.a.	W16
T 17	3 26 25	21°11'13	12°45	26°18	4°30	16°34	6°26	12° 6	13°13	25° 7	18°56	27°28	27°47	21°16	n.a.	T 17
F 18	3 30 22	22°12'26	25° 0	25° 0	5°28	17°21	6°18	12° 2	13°11	25°10	18°55	27°29	27°44	21°23	n.a.	F 18
S 19	3 34 18	23°13'40	7♌30	23°38	6°27	18° 8	6°11	11°57	13° 8	25°12	18°54	27°29	27°41	21°30	n.a.	S 19
S 20	3 38 15	24°14'54	20°19	22°15	7°26	18°55	6° 3	11°52	13° 6	25°14	18°53	27°R29	27°38	21°36	n.a.	S 20
M21	3 42 11	25°16'09	3♍30	20°55	8°26	19°42	5°55	11°48	13° 3	25°16	18°52	27°29	27°34	21°43	n.a.	M21
T 22	3 46 8	26°17'25	17° 6	19°39	9°26	20°29	5°47	11°43	13° 1	25°19	18°50	27°29	27°31	21°50	n.a.	T 22
W23	3 50 4	27°18'41	1♎ 8	18°30	10°27	21°16	5°39	11°38	12°58	25°21	18°49	27°D29	27°28	21°56	n.a.	W23
T 24	3 54 1	28°19'57	15°36	17°29	11°28	22° 3	5°31	11°34	12°56	25°23	18°48	27°29	27°25	22° 3	n.a.	T 24
F 25	3 57 57	29°21'14	0♏26	16°39	12°29	22°50	5°23	11°29	12°53	25°26	18°47	27°29	27°22	22° 9	n.a.	F 25
S 26	4 1 54	0♐22'32	15°32	15°58	13°31	23°37	5°15	11°24	12°51	25°28	18°46	27°29	27°19	22°16	n.a.	S 26
S 27	4 5 51	1°23'49	0♐45	15°28	14°34	24°24	5° 7	11°19	12°49	25°30	18°45	27°R29	27°15	22°23	n.a.	S 27
M28	4 9 47	2°25'07	15°56	15° 9	15°36	25°12	4°59	11°14	12°46	25°32	18°43	27°29	27°12	22°29	n.a.	M28
T 29	4 13 44	3°26'25	0♑55	15°D 0	16°39	25°59	4°51	11° 9	12°44	25°35	18°42	27°29	27° 9	22°36	n.a.	T 29
W30	4 17 40	4♐27'43	15♑34	15♏ 0	17♎43	26♐46	4♊42	11♊ 4	12♉42	25♏37	18♉41	27♉28	27♉ 6	22♉43	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s19	25s45	2s14	21s50	2s23	4n27	0n41	22s10	0s57	21n31	0s26	21n31	1s 9	15n57	0s16	17s41	1n30	9n 2	9s 4	19n52	20n 6	17n 2		n.a.
W 2	13 39	26 53	3 21	22 1	2 19	4 16	0 48	22 19	0 58	21 30	0 26	21 31	1 9	15 56	0 16	17 42	1 30	9 2	9 4	19 52	20 5	17 5		n.a.
T 3	14 0	26 15	4 14	22 9	2 15	4 3	0 56	22 28	0 58	21 30	0 26	21 31	1 9	15 56	0 16	17 42	1 30	9 1	9 4	19 53	20 5	17 7		n.a.
F 4	14 20	24 4	4 51	22 15	2 9	3 50	1 3	22 37	0 59	21 29	0 26	21 30	1 9	15 55	0 16	17 43	1 30	9 1	9 4	19 53	20 4	17 10		n.a.
S 5	14 40	20 38	5 11	22 18	2 2	3 36	1 9	22 45	0 59	21 28	0 26	21 30	1 9	15 54	0 16	17 43	1 30	9 1	9 4	19 53	20 3	17 13		n.a.
S 6	14 59	16 19	5 16	22 18	1 54	3 22	1 16	22 53	0 59	21 27	0 26	21 29	1 8	15 53	0 16	17 44	1 30	9 0	9 4	19 53	20 3	17 15		n.a.
M 7	15 19	11 23	5 5	22 15	1 45	3 7	1 22	23 1	1 0	21 26	0 26	21 29	1 8	15 53	0 16	17 44	1 30	9 0	9 4	19 52	20 2	17 18		n.a.
T 8	15 38	6 5	4 40	22 9	1 34	2 52	1 28	23 9	1 0	21 25	0 26	21 28	1 8	15 52	0 16	17 45	1 30	9 0	9 4	19 52	20 1	17 21		n.a.
W 9	15 57	0 39	4 2	21 59	1 22	2 36	1 34	23 16	1 0	21 24	0 25	21 28	1 8	15 51	0 16	17 46	1 30	8 59	9 4	19 51	20 0	17 23		n.a.
T 10	16 15	4n46	3 15	21 46	1 8	2 20	1 39	23 23	1 1	21 23	0 25	21 27	1 8	15 50	0 16	17 46	1 30	8 59	9 4	19 50	20 0	17 26		n.a.
F 11	16 33	9 58	2 19	21 30	0 53	2 3	1 44	23 30	1 1	21 22	0 25	21 27	1 8	15 49	0 16	17 47	1 30	8 59	9 4	19 50	19 59	17 29		n.a.
S 12	16 51	14 48	1 17	21 9	0 36	1 45	1 49	23 36	1 1	21 21	0 25	21 26	1 8	15 49	0 16	17 47	1 30	8 59	9 3	19 50	19 58	17 31		n.a.
S 13	17 9	19 5	0 13	20 45	0 19	1 28	1 54	23 43	1 1	21 20	0 25	21 26	1 8	15 48	0 16	17 48	1 30	8 58	9 3	19 50	19 58	17 34		n.a.
M14	17 26	22 36	0n53	20 17	0n 0	1 9	1 59	23 49	1 2	21 18	0 25	21 25	1 8	15 47	0 16	17 48	1 30	8 58	9 3	19 50	19 57	17 36		n.a.
T 15	17 44	25 11	1 56	19 46	0 20	0 51	2 3	23 55	1 2	21 17	0 25	21 25	1 8	15 46	0 16	17 49	1 30	8 58	9 3	19 50	19 56	17 39		n.a.
W16	18 0	26 39	2 55	19 11	0 41	0 31	2 8	24 0	1 2	21 16	0 25	21 24	1 8	15 46	0 16	17 49	1 30	8 58	9 3	19 50	19 55	17 42		n.a.
T 17	18 17	26 52	3 46	18 35	1 1	0 12	2 12	24 5	1 3	21 15	0 24	21 24	1 8	15 45	0 16	17 50	1 30	8 57	9 3	19 50	19 55	17 44		n.a.
F 18	18 33	25 48	4 29	17 57	1 21	0s 8	2 15	24 10	1 3	21 14	0 24	21 23	1 8	15 44	0 16	17 51	1 30	8 57	9 3	19 50	19 54	17 47		n.a.
S 19	18 49	23 26	4 59	17 18	1 40	0 28	2 19	24 15	1 3	21 13	0 24	21 23	1 8	15 43	0 16	17 51	1 30	8 57	9 3	19 51	19 53	17 49		n.a.
S 20	19 4	19 52	5 16	16 40	1 58	0 49	2 22	24 19	1 3	21 11	0 24	21 22	1 8	15 43	0 16	17 52	1 30	8 57	9 3	19 51	19 52	17 52		n.a.
M21	19 19	15 15	5 16	16 4	2 13	1 10	2 26	24 23	1 4	21 10	0 24	21 22	1 8	15 42	0 16	17 52	1 30	8 56	9 3	19 51	19 52	17 55		n.a.
T 22	19 34	9 45	5 0	15 30	2 27	1 31	2 29	24 27	1 4	21 9	0 24	21 21	1 8	15 41	0 16	17 53	1 30	8 56	9 3	19 51	19 51	17 57		n.a.
W23	19 48	3 35	4 25	15 0	2 39	1 52	2 31	24 31	1 4	21 8	0 24	21 21	1 8	15 40	0 16	17 53	1 30	8 56	9 3	19 51	19 50	18 0		n.a.
T 24	20 2	2s57	3 33	14 35	2 48	2 14	2 34	24 34	1 4	21 6	0 24	21 20	1 8	15 40	0 16	17 54	1 30	8 56	9 3	19 51	19 50	18 2		n.a.
F 25	20 16	9 30	2 25	14 14	2 55	2 36	2 37	24 37	1 5	21 5	0 23	21 19	1 8	15 39	0 16	17 54	1 30	8 55	9 3	19 51	19 49	18 5		n.a.
S 26	20 29	15 38	1 6	13 58	2 59	2 58	2 39	24 39	1 5	21 4	0 23	21 19	1 7	15 38	0 16	17 55	1 30	8 55	9 3	19 51	19 48	18 8		n.a.
S 27	20 42	20 51	0s18	13 46	3 2	3 20	2 41	24 42	1 5	21 2	0 23	21 18	1 7	15 38	0 16	17 56	1 30	8 55	9 3	19 51	19 47	18 10		n.a.
M28	20 54	24 39	1 41	13 40	3 3	3 43	2 43	24 44	1 5	21 1	0 23	21 18	1 7	15 37	0 16	17 56	1 30	8 55	9 2	19 51	19 47	18 13		n.a.
T 29	21 6	26 39	2 55	13 38	3 2	4 6	2 45	24 46	1 5	21 0	0 23	21 17	1 7	15 36	0 16	17 57	1 30	8 54	9 2	19 50	19 46	18 15		n.a.
W30	21s18	26s44	3s57	13s40	3n 0	4s29	2n46	24s47	1s 5	20n58	0s23	21n16	1s 7	15n35	0s16	17s57	1n30	8n54	9s 2	19n50	19n45	18n18		n.a.

Julian Day Number = 1603021.5, Delta T = 03h57m58s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'51, Lahiri = - 8°25'50 Julian Calendar 1 Nov. 325 BCE == Greg. Calendar 27 Oct. 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 325 BCE
geocentric

DECEMBER 325 BCE (-324) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 21 37	5♐29'00	29♑47	15♏ 9	18♎46	27♐33	4°R34	10°R59	12°R39	25♏39	18°R40	27°R27	27♉ 3	22♉49	n.a.	T 1
F 2	4 25 33	6°30'17	13♒34	15°27	19°50	28°20	4♊26	10♊55	12♉37	25°41	18♉39	27♉26	27° 0	22°56	n.a.	F 2
S 3	4 29 30	7°31'33	26°53	15°51	20°55	29° 8	4°18	10°50	12°35	25°44	18°38	27°26	26°56	23° 3	n.a.	S 3
S 4	4 33 27	8°32'49	9♓46	16°23	21°59	29°55	4°10	10°45	12°33	25°46	18°37	27°D25	26°53	23° 9	n.a.	S 4
M 5	4 37 23	9°34'05	22°18	17° 0	23° 4	0♑42	4° 2	10°40	12°30	25°48	18°36	27°26	26°50	23°16	n.a.	M 5
T 6	4 41 20	10°35'20	4♈33	17°43	24° 9	1°30	3°54	10°35	12°28	25°50	18°35	27°27	26°47	23°23	n.a.	T 6
W 7	4 45 16	11°36'34	16°35	18°31	25°14	2°17	3°46	10°30	12°26	25°52	18°34	27°28	26°44	23°29	n.a.	W 7
T 8	4 49 13	12°37'48	28°28	19°23	26°20	3° 4	3°38	10°25	12°24	25°55	18°32	27°29	26°40	23°36	n.a.	T 8
F 9	4 53 9	13°39'01	10♉16	20°19	27°26	3°52	3°30	10°20	12°22	25°57	18°31	27°31	26°37	23°43	n.a.	F 9
S 10	4 57 6	14°40'14	22° 3	21°18	28°32	4°39	3°22	10°15	12°20	25°59	18°30	27°R31	26°34	23°49	n.a.	S 10
S 11	5 1 2	15°41'26	3♊52	22°21	29°39	5°26	3°14	10°10	12°18	26° 1	18°29	27°31	26°31	23°56	n.a.	S 11
M12	5 4 59	16°42'38	15°44	23°26	0♏45	6°14	3° 7	10° 5	12°16	26° 3	18°28	27°30	26°28	24° 2	n.a.	M12
T 13	5 8 56	17°43'49	27°42	24°33	1°52	7° 1	2°59	10° 0	12°14	26° 6	18°27	27°28	26°25	24° 9	n.a.	T 13
W14	5 12 52	18°45'00	9♋48	25°43	2°59	7°48	2°51	9°55	12°12	26° 8	18°26	27°25	26°21	24°16	n.a.	W14
T 15	5 16 49	19°46'10	22° 3	26°55	4° 6	8°36	2°44	9°50	12°10	26°10	18°25	27°21	26°18	24°22	n.a.	T 15
F 16	5 20 45	20°47'20	4♌29	28° 9	5°14	9°23	2°37	9°45	12° 8	26°12	18°24	27°17	26°15	24°29	n.a.	F 16
S 17	5 24 42	21°48'29	17° 8	29°24	6°21	10°10	2°29	9°40	12° 6	26°14	18°23	27°14	26°12	24°36	n.a.	S 17
S 18	5 28 38	22°49'38	0♍ 1	0♐41	7°29	10°58	2°22	9°36	12° 5	26°16	18°22	27°11	26° 9	24°42	n.a.	S 18
M19	5 32 35	23°50'46	13°11	1°59	8°37	11°45	2°15	9°31	12° 3	26°18	18°22	27° 9	26° 6	24°49	n.a.	M19
T 20	5 36 32	24°51'54	26°40	3°19	9°45	12°33	2° 8	9°26	12° 1	26°20	18°21	27°D 9	26° 2	24°56	n.a.	T 20
W21	5 40 28	25°53'01	10♎28	4°40	10°54	13°20	2° 1	9°22	12° 0	26°22	18°20	27° 9	25°59	25° 2	n.a.	W21
T 22	5 44 25	26°54'07	24°38	6° 2	12° 2	14° 7	1°54	9°17	11°58	26°24	18°19	27°11	25°56	25° 9	n.a.	T 22
F 23	5 48 21	27°55'13	9♏ 7	7°24	13°11	14°55	1°48	9°12	11°56	26°26	18°18	27°12	25°53	25°16	n.a.	F 23
S 24	5 52 18	28°56'18	23°52	8°48	14°20	15°42	1°41	9° 8	11°55	26°28	18°17	27°R13	25°50	25°22	n.a.	S 24
S 25	5 56 14	29°57'23	8♐49	10°13	15°29	16°30	1°35	9° 3	11°53	26°30	18°16	27°13	25°46	25°29	n.a.	S 25
M26	6 0 11	0♑58'27	23°49	11°39	16°38	17°17	1°29	8°59	11°52	26°32	18°15	27°11	25°43	25°36	n.a.	M26
T 27	6 4 7	1°59'29	8♑45	13° 5	17°47	18° 4	1°22	8°54	11°51	26°34	18°15	27° 7	25°40	25°42	n.a.	T 27
W28	6 8 4	3° 0'31	23°26	14°33	18°56	18°52	1°17	8°50	11°49	26°36	18°14	27° 1	25°37	25°49	n.a.	W28
T 29	6 12 1	4° 1'31	7♒47	16° 1	20° 6	19°39	1°11	8°46	11°48	26°38	18°13	26°55	25°34	25°55	n.a.	T 29
F 30	6 15 57	5° 2'30	21°43	17°30	21°15	20°26	1° 5	8°42	11°47	26°40	18°12	26°49	25°31	26° 2	n.a.	F 30
S 31	6 19 54	6♑ 3'28	5♓10	19♐ 0	22♏25	21♑14	1♊ 0	8♊38	11♉46	26♏42	18♉11	26♉44	25♉27	26♉ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21 s29	25 s 2	4 s42	13 s46	2n56	4 s52	2n48	24 s48	1 s 6	20n57	0 s23	21n16	1 s 7	15n35	0 s16	17 s58	1n30	8n54	9 s 2	19n50	19n44	18n20			n.a.
F 2	21 40	21 52	5 8	13 56	2 52	5 15	2 49	24 49	1 6	20 56	0 22	21 15	1 7	15 34	0 16	17 58	1 30	8 54	9 2	19 50	19 44	18 23			n.a.
S 3	21 50	17 40	5 18	14 8	2 47	5 38	2 50	24 50	1 6	20 54	0 22	21 15	1 7	15 33	0 16	17 59	1 30	8 54	9 2	19 50	19 43	18 25			n.a.
S 4	22 0	12 46	5 10	14 23	2 41	6 2	2 51	24 50	1 6	20 53	0 22	21 14	1 7	15 33	0 16	17 59	1 30	8 53	9 2	19 50	19 42	18 28			n.a.
M 5	22 10	7 29	4 48	14 40	2 34	6 25	2 52	24 50	1 6	20 51	0 22	21 13	1 7	15 32	0 16	18 0	1 30	8 53	9 2	19 50	19 41	18 31			n.a.
T 6	22 19	2 2	4 13	14 58	2 27	6 49	2 53	24 50	1 6	20 50	0 22	21 13	1 7	15 31	0 16	18 0	1 30	8 53	9 2	19 50	19 41	18 33			n.a.
W 7	22 27	3n24	3 28	15 19	2 20	7 12	2 53	24 49	1 6	20 49	0 22	21 12	1 6	15 31	0 16	18 1	1 30	8 53	9 1	19 50	19 40	18 36			n.a.
T 8	22 36	8 40	2 34	15 41	2 12	7 36	2 53	24 49	1 7	20 47	0 21	21 12	1 6	15 30	0 16	18 1	1 30	8 53	9 1	19 51	19 39	18 38			n.a.
F 9	22 43	13 36	1 34	16 4	2 4	7 59	2 54	24 47	1 7	20 46	0 21	21 11	1 6	15 29	0 16	18 2	1 30	8 53	9 1	19 51	19 38	18 41			n.a.
S 10	22 51	18 1	0 30	16 27	1 55	8 23	2 54	24 46	1 7	20 45	0 21	21 10	1 6	15 29	0 16	18 2	1 30	8 52	9 1	19 51	19 38	18 43			n.a.
S 11	22 57	21 45	0n35	16 52	1 47	8 47	2 54	24 44	1 7	20 43	0 21	21 10	1 6	15 28	0 16	18 3	1 30	8 52	9 1	19 51	19 37	18 46			n.a.
M12	23 4	24 36	1 39	17 16	1 39	9 10	2 53	24 42	1 7	20 42	0 21	21 9	1 6	15 28	0 16	18 3	1 30	8 52	9 1	19 51	19 36	18 48			n.a.
T 13	23 10	26 22	2 39	17 41	1 30	9 34	2 53	24 40	1 7	20 41	0 21	21 8	1 6	15 27	0 15	18 4	1 30	8 52	9 1	19 50	19 35	18 51			n.a.
W14	23 15	26 54	3 33	18 7	1 21	9 57	2 53	24 37	1 7	20 39	0 20	21 8	1 6	15 26	0 15	18 4	1 30	8 52	9 1	19 50	19 35	18 53			n.a.
T 15	23 20	26 8	4 17	18 32	1 13	10 21	2 52	24 34	1 7	20 38	0 20	21 7	1 5	15 26	0 15	18 5	1 30	8 52	9 0	19 49	19 34	18 56			n.a.
F 16	23 25	24 4	4 50	18 57	1 4	10 44	2 51	24 31	1 7	20 37	0 20	21 7	1 5	15 25	0 15	18 5	1 30	8 52	9 0	19 48	19 33	18 58			n.a.
S 17	23 29	20 48	5 10	19 22	0 56	11 7	2 51	24 28	1 7	20 35	0 20	21 6	1 5	15 25	0 15	18 6	1 30	8 52	9 0	19 47	19 32	19 1			n.a.
S 18	23 32	16 29	5 14	19 47	0 47	11 31	2 50	24 24	1 7	20 34	0 20	21 6	1 5	15 24	0 15	18 6	1 30	8 52	9 0	19 46	19 32	19 3			n.a.
M19	23 35	11 19	5 2	20 11	0 39	11 53	2 49	24 20	1 7	20 33	0 20	21 5	1 5	15 24	0 15	18 7	1 30	8 51	9 0	19 46	19 31	19 6			n.a.
T 20	23 38	5 31	4 34	20 35	0 31	12 16	2 47	24 15	1 7	20 32	0 19	21 4	1 5	15 23	0 15	18 7	1 30	8 51	9 0	19 46	19 30	19 8			n.a.
W21	23 40	0 s41	3 49	20 58	0 23	12 39	2 46	24 11	1 7	20 31	0 19	21 4	1 5	15 23	0 15	18 8	1 30	8 51	8 59	19 46	19 29	19 11			n.a.
T 22	23 42	7 2	2 49	21 20	0 15	13 1	2 45	24 6	1 7	20 29	0 19	21 3	1 5	15 22	0 15	18 8	1 30	8 51	8 59	19 46	19 29	19 13			n.a.
F 23	23 43	13 10	1 38	21 42	0 7	13 24	2 43	24 0	1 7	20 28	0 19	21 3	1 4	15 22	0 15	18 9	1 30	8 51	8 59	19 47	19 28	19 16			n.a.
S 24	23 44	18 41	0 18	22 4	0 s 1	13 46	2 42	23 55	1 7	20 27	0 19	21 2	1 4	15 21	0 15	18 9	1 30	8 51	8 59	19 47	19 27	19 18			n.a.
S 25	23 44	23 5	1 s 3	22 24	0 9	14 8	2 40	23 49	1 7	20 26	0 18	21 2	1 4	15 21	0 15	18 10	1 30	8 51	8 59	19 47	19 26	19 21			n.a.
M26	23 44	25 56	2 20	22 44	0 16	14 29	2 38	23 43	1 7	20 25	0 18	21 1	1 4	15 21	0 15	18 10	1 30	8 51	8 59	19 46	19 26	19 23			n.a.
T 27	23 43	26 54	3 27	23 2	0 23	14 51	2 36	23 37	1 7	20 24	0 18	21 1	1 4	15 20	0 15	18 10	1 30	8 51	8 58	19 45	19 25	19 26			n.a.
W28	23 42	25 56	4 20	23 20	0 31	15 12	2 34	23 30	1 7	20 23	0 18	21 0	1 4	15 20	0 15	18 11	1 30	8 51	8 58	19 44	19 24	19 28			n.a.
T 29	23 40	23 16	4 54	23 37	0 37	15 33	2 32	23 23	1 7	20 22	0 18	20 59	1 3	15 19	0 15	18 11	1 30	8 51	8 58	19 43	19 23	19 30			n.a.
F 30	23 38	19 19	5 10	23 52	0 44	15 53	2 30	23 16	1 7	20 21	0 18	20 59	1 3	15 19	0 15	18 12	1 30	8 51	8 58	19 41	19 23	19 33			n.a.
S 31	23 s36	14 s29	5 s 8	24 s 7	0 s51	16 s13	2n28	23 s 9	1 s 7	20n20	0 s17	20n58	1 s 3	15n19	0 s15	18 s12	1n30	8n51	8 s58	19n40	19n22	19n35			n.a.

Julian Day Number = 1603051.5, Delta T = 03h57m57s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'47, Lahiri = - 8°25'46 Julian Calendar 1 Dec. 325 BCE == Greg. Calendar 26 Nov. 325 BCE

The year -324 astronomical counting style corresponds to year 325 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

JANUARY 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 23 50	7♑ 4'24	18♓11	20♐30	23♏35	22♑ 1	0°R54	8°R33	11°R44	26♏44	18°R11	26°R41	25♉24	26♉15	n.a.	S 1
M 2	6 27 47	8° 5'18	0♈47	22° 1	24°45	22°48	0♊49	8♊29	11♉43	26°45	18♉10	26♉39	25°21	26°22	n.a.	M 2
T 3	6 31 43	9° 6'11	13° 4	23°33	25°55	23°36	0°44	8°26	11°42	26°47	18° 9	26°D39	25°18	26°29	n.a.	T 3
W 4	6 35 40	10° 7'02	25° 5	25° 6	27° 5	24°23	0°39	8°22	11°41	26°49	18° 9	26°40	25°15	26°35	n.a.	W 4
T 5	6 39 36	11° 7'52	6♉56	26°40	28°15	25°10	0°35	8°18	11°40	26°51	18° 8	26°41	25°12	26°42	n.a.	T 5
F 6	6 43 33	12° 8'40	18°43	28°14	29°25	25°58	0°30	8°14	11°39	26°53	18° 7	26°43	25° 8	26°49	n.a.	F 6
S 7	6 47 30	13° 9'26	0♊30	29°49	0♐36	26°45	0°26	8°11	11°38	26°54	18° 7	26°R43	25° 5	26°55	n.a.	S 7
S 8	6 51 26	14°10'11	12°21	1♑25	1°46	27°32	0°22	8° 7	11°38	26°56	18° 6	26°41	25° 2	27° 2	n.a.	S 8
M 9	6 55 23	15°10'54	24°19	3° 1	2°57	28°19	0°18	8° 4	11°37	26°58	18° 6	26°38	24°59	27° 9	n.a.	M 9
T 10	6 59 19	16°11'36	6♋27	4°39	4° 7	29° 7	0°14	8° 0	11°36	26°59	18° 5	26°31	24°56	27°15	n.a.	T 10
W11	7 3 16	17°12'16	18°47	6°17	5°18	29°54	0°11	7°57	11°35	27° 1	18° 4	26°23	24°52	27°22	n.a.	W11
T 12	7 7 12	18°12'55	1♌19	7°56	6°29	0♒41	0° 7	7°54	11°35	27° 3	18° 4	26°14	24°49	27°29	n.a.	T 12
F 13	7 11 9	19°13'32	14° 4	9°36	7°40	1°28	0° 4	7°51	11°34	27° 4	18° 3	26° 4	24°46	27°35	n.a.	F 13
S 14	7 15 6	20°14'07	27° 1	11°16	8°51	2°15	0° 1	7°48	11°34	27° 6	18° 3	25°54	24°43	27°42	n.a.	S 14
S 15	7 19 2	21°14'41	10♍10	12°58	10° 2	3° 2	29♉58	7°45	11°33	27° 7	18° 3	25°46	24°40	27°48	n.a.	S 15
M16	7 22 59	22°15'14	23°31	14°41	11°13	3°50	29°56	7°42	11°33	27° 9	18° 2	25°40	24°37	27°55	n.a.	M16
T 17	7 26 55	23°15'45	7♎ 4	16°24	12°24	4°37	29°53	7°39	11°33	27°10	18° 2	25°37	24°33	28° 2	n.a.	T 17
W18	7 30 52	24°16'15	20°50	18° 8	13°35	5°24	29°51	7°37	11°32	27°12	18° 1	25°D35	24°30	28° 8	n.a.	W18
T 19	7 34 48	25°16'43	4♏48	19°53	14°46	6°11	29°49	7°34	11°32	27°13	18° 1	25°35	24°27	28°15	n.a.	T 19
F 20	7 38 45	26°17'10	18°59	21°40	15°58	6°58	29°47	7°32	11°32	27°14	18° 1	25°R36	24°24	28°22	n.a.	F 20
S 21	7 42 41	27°17'35	3♐21	23°27	17° 9	7°45	29°46	7°29	11°32	27°16	18° 0	25°36	24°21	28°28	n.a.	S 21
S 22	7 46 38	28°17'59	17°53	25°15	18°21	8°32	29°44	7°27	11°32	27°17	18° 0	25°34	24°18	28°35	n.a.	S 22
M23	7 50 35	29°18'22	2♑29	27° 4	19°32	9°19	29°43	7°25	11°D32	27°18	18° 0	25°30	24°14	28°42	n.a.	M23
T 24	7 54 31	0♒18'43	17° 3	28°54	20°44	10° 6	29°42	7°23	11°32	27°20	17°59	25°22	24°11	28°48	n.a.	T 24
W25	7 58 28	1°19'01	1♒30	0♒45	21°55	10°52	29°41	7°21	11°32	27°21	17°59	25°13	24° 8	28°55	n.a.	W25
T 26	8 2 24	2°19'18	15°42	2°36	23° 7	11°39	29°40	7°19	11°32	27°22	17°59	25° 1	24° 5	29° 2	n.a.	T 26
F 27	8 6 21	3°19'33	29°33	4°29	24°19	12°26	29°40	7°17	11°32	27°23	17°59	24°50	24° 2	29° 8	n.a.	F 27
S 28	8 10 17	4°19'46	13♓ 1	6°22	25°30	13°13	29°40	7°16	11°32	27°25	17°59	24°40	23°58	29°15	n.a.	S 28
S 29	8 14 14	5°19'57	26° 4	8°17	26°42	14° 0	29°D40	7°14	11°32	27°26	17°58	24°32	23°55	29°22	n.a.	S 29
M30	8 18 10	6°20'05	8♈43	10°11	27°54	14°46	29°40	7°13	11°33	27°27	17°58	24°26	23°52	29°28	n.a.	M30
T 31	8 22 7	7♒20'12	21♈ 3	12♒ 7	29♐ 6	15♒33	29♉40	7♊12	11♉33	27♏28	17♉58	24♉22	23♉49	29♉35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s33	9s 9	4s50	24s20	0s57	16s33	2n26	23s 1	1s 7	20n19	0s17	20n58	1s 3	15n18	0s15	18s12	1n30	8n51	8s57	19n39	19n21	19n38		n.a.	
M 2	23 29	3 37	4 18	24 32	1 3	16 53	2 23	22 53	1 7	20 18	0 17	20 58	1 3	15 18	0 15	18 13	1 30	8 51	8 57	19 39	19 20	19 40		n.a.	
T 3	23 25	1n56	3 35	24 43	1 9	17 12	2 21	22 45	1 7	20 17	0 17	20 57	1 3	15 18	0 15	18 13	1 30	8 51	8 57	19 39	19 19	19 43		n.a.	
W 4	23 21	7 18	2 43	24 53	1 14	17 30	2 18	22 36	1 7	20 16	0 17	20 57	1 2	15 17	0 15	18 14	1 30	8 51	8 57	19 39	19 19	19 45		n.a.	
T 5	23 16	12 21	1 45	25 1	1 20	17 49	2 16	22 28	1 7	20 15	0 16	20 56	1 2	15 17	0 15	18 14	1 30	8 51	8 57	19 39	19 18	19 47		n.a.	
F 6	23 10	16 55	0 43	25 8	1 25	18 7	2 13	22 19	1 7	20 15	0 16	20 56	1 2	15 17	0 15	18 14	1 30	8 51	8 56	19 40	19 17	19 50		n.a.	
S 7	23 5	20 51	0n21	25 14	1 29	18 24	2 10	22 9	1 7	20 14	0 16	20 55	1 2	15 17	0 15	18 15	1 30	8 51	8 56	19 40	19 16	19 52		n.a.	
S 8	22 58	23 56	1 24	25 18	1 34	18 41	2 7	22 0	1 7	20 13	0 16	20 55	1 2	15 16	0 15	18 15	1 30	8 51	8 56	19 39	19 16	19 55		n.a.	
M 9	22 52	26 0	2 23	25 20	1 38	18 58	2 5	21 50	1 6	20 13	0 16	20 55	1 2	15 16	0 15	18 16	1 30	8 51	8 56	19 39	19 15	19 57		n.a.	
T 10	22 44	26 52	3 18	25 21	1 42	19 14	2 2	21 40	1 6	20 12	0 16	20 54	1 1	15 16	0 15	18 16	1 30	8 51	8 56	19 37	19 14	20 0		n.a.	
W11	22 37	26 25	4 3	25 21	1 46	19 30	1 59	21 30	1 6	20 11	0 15	20 54	1 1	15 16	0 15	18 16	1 30	8 51	8 55	19 35	19 13	20 2		n.a.	
T 12	22 29	24 37	4 38	25 19	1 49	19 45	1 56	21 20	1 6	20 11	0 15	20 54	1 1	15 16	0 15	18 17	1 30	8 51	8 55	19 33	19 13	20 4		n.a.	
F 13	22 20	21 34	4 59	25 15	1 52	20 0	1 53	21 9	1 6	20 10	0 15	20 53	1 1	15 15	0 15	18 17	1 30	8 51	8 55	19 31	19 12	20 7		n.a.	
S 14	22 11	17 26	5 6	25 9	1 55	20 15	1 50	20 58	1 6	20 10	0 15	20 53	1 1	15 15	0 15	18 17	1 30	8 51	8 55	19 28	19 11	20 9		n.a.	
S 15	22 2	12 24	4 56	25 2	1 57	20 28	1 47	20 47	1 6	20 9	0 15	20 53	1 0	15 15	0 15	18 18	1 30	8 51	8 55	19 26	19 10	20 11		n.a.	
M16	21 52	6 44	4 31	24 53	1 59	20 42	1 43	20 36	1 5	20 9	0 14	20 52	1 0	15 15	0 15	18 18	1 30	8 52	8 54	19 25	19 9	20 14		n.a.	
T 17	21 42	0 40	3 50	24 42	2 0	20 54	1 40	20 24	1 5	20 9	0 14	20 52	1 0	15 15	0 15	18 18	1 30	8 52	8 54	19 24	19 9	20 16		n.a.	
W18	21 32	5s32	2 55	24 29	2 1	21 7	1 37	20 12	1 5	20 8	0 14	20 52	1 0	15 15	0 15	18 18	1 30	8 52	8 54	19 24	19 8	20 19		n.a.	
T 19	21 21	11 34	1 49	24 15	2 2	21 18	1 34	20 0	1 5	20 8	0 14	20 52	1 0	15 15	0 15	18 19	1 30	8 52	8 54	19 24	19 7	20 21		n.a.	
F 20	21 9	17 7	0 35	23 59	2 2	21 29	1 30	19 48	1 5	20 8	0 14	20 51	1 0	15 15	0 15	18 19	1 31	8 52	8 53	19 24	19 6	20 23		n.a.	
S 21	20 58	21 46	0s41	23 40	2 2	21 40	1 27	19 36	1 5	20 8	0 14	20 51	0 59	15 15	0 15	18 19	1 31	8 52	8 53	19 24	19 5	20 26		n.a.	
S 22	20 45	25 6	1 56	23 20	2 1	21 50	1 24	19 23	1 4	20 8	0 13	20 51	0 59	15 15	0 15	18 20	1 31	8 52	8 53	19 23	19 5	20 28		n.a.	
M23	20 33	26 46	3 3	22 58	2 0	21 59	1 20	19 11	1 4	20 8	0 13	20 51	0 59	15 15	0 15	18 20	1 31	8 52	8 53	19 22	19 4	20 30		n.a.	
T 24	20 20	26 34	3 58	22 34	1 58	22 8	1 17	18 58	1 4	20 7	0 13	20 51	0 59	15 15	0 15	18 20	1 31	8 53	8 52	19 21	19 3	20 33		n.a.	
W25	20 7	24 35	4 38	22 8	1 56	22 16	1 13	18 44	1 4	20 7	0 13	20 51	0 59	15 15	0 15	18 20	1 31	8 53	8 52	19 18	19 2	20 35		n.a.	
T 26	19 53	21 4	4 59	21 39	1 53	22 23	1 10	18 31	1 3	20 8	0 13	20 51	0 58	15 15	0 15	18 21	1 31	8 53	8 52	19 15	19 1	20 37		n.a.	
F 27	19 39	16 28	5 2	21 9	1 50	22 30	1 7	18 18	1 3	20 8	0 12	20 50	0 58	15 15	0 15	18 21	1 31	8 53	8 52	19 13	19 1	20 40		n.a.	
S 28	19 25	11 10	4 48	20 37	1 46	22 36	1 3	18 4	1 3	20 8	0 12	20 50	0 58	15 15	0 15	18 21	1 31	8 53	8 52	19 10	19 0	20 42		n.a.	
S 29	19 10	5 32	4 19	20 3	1 42	22 42	1 0	17 50	1 3	20 8	0 12	20 50	0 58	15 15	0 15	18 21	1 31	8 53	8 51	19 8	18 59	20 44		n.a.	
M30	18 55	0n10	3 38	19 27	1 37	22 47	0 56	17 36	1 2	20 8	0 12	20 50	0 58	15 15	0 14	18 22	1 31	8 54	8 51	19 7	18 58	20 47		n.a.	
T 31	18s40	5n44	2s47	18s50	1s31	22s51	0n53	17s22	1s 2	20n 8	0s12	20n50	0s57	15n15	0s14	18s22	1n31	8n54	8s51	19n 6	18n58	20n49		n.a.	

Julian Day Number = 1603082.5, Delta T = 03h57m56s
Ecliptic obliquity = 23°44'09, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'42, Lahiri = - 8°25'42 Julian Calendar 1 Jan. 324 BCE == Greg. Calendar 27 Dec. 325 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

FEBRUARY 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 26 3	8♒20'16	3♉ 6	14♒ 3	0♑18	16♒20	29♉41	7°R11	11♉34	27♏29	17°R58	24°R21	23♉46	29♉41	n.a.	W 1
T 2	8 30 0	9°20'17	14°59	15°59	1°29	17° 7	29°42	7♊10	11°34	27°30	17♉58	24°D21	23°43	29°48	n.a.	T 2
F 3	8 33 57	10°20'17	26°46	17°55	2°41	17°53	29°42	7° 9	11°35	27°31	17°58	24°R21	23°39	29°55	n.a.	F 3
S 4	8 37 53	11°20'14	8♊34	19°51	3°53	18°40	29°44	7° 8	11°35	27°32	17°D58	24♉20	23°36	0♊ 1	n.a.	S 4
S 5	8 41 50	12°20'09	20°28	21°47	5° 5	19°26	29°45	7° 7	11°36	27°33	17°58	24°18	23°33	0° 8	n.a.	S 5
M 6	8 45 46	13°20'02	2♋31	23°42	6°17	20°13	29°47	7° 6	11°37	27°34	17°58	24°12	23°30	0°15	n.a.	M 6
T 7	8 49 43	14°19'53	14°49	25°37	7°29	20°59	29°48	7° 6	11°37	27°34	17°58	24° 4	23°27	0°21	n.a.	T 7
W 8	8 53 39	15°19'41	27°21	27°30	8°42	21°46	29°50	7° 6	11°38	27°35	17°58	23°54	23°24	0°28	n.a.	W 8
T 9	8 57 36	16°19'27	10♌11	29°21	9°54	22°32	29°52	7° 5	11°39	27°36	17°58	23°41	23°20	0°35	n.a.	T 9
F 10	9 1 32	17°19'11	23°16	1♓10	11° 6	23°18	29°55	7° 5	11°40	27°37	17°58	23°28	23°17	0°41	n.a.	F 10
S 11	9 5 29	18°18'53	6♍37	2°57	12°18	24° 5	29°57	7°D 5	11°41	27°38	17°58	23°15	23°14	0°48	n.a.	S 11
S 12	9 9 26	19°18'33	20°10	4°41	13°30	24°51	29°59	7° 5	11°42	27°38	17°59	23° 4	23°11	0°55	n.a.	S 12
M13	9 13 22	20°18'11	3♎53	6°21	14°42	25°37	0♊ 3	7° 5	11°43	27°39	17°59	22°56	23° 8	1° 1	n.a.	M13
T 14	9 17 19	21°17'47	17°43	7°58	15°55	26°24	0° 6	7° 6	11°44	27°39	17°59	22°50	23° 4	1° 8	n.a.	T 14
W15	9 21 15	22°17'21	1♏39	9°29	17° 7	27°10	0° 9	7° 6	11°45	27°40	17°59	22°47	23° 1	1°14	n.a.	W15
T 16	9 25 12	23°16'53	15°40	10°56	18°19	27°56	0°12	7° 7	11°47	27°41	17°59	22°46	22°58	1°21	n.a.	T 16
F 17	9 29 8	24°16'24	29°45	12°18	19°32	28°42	0°16	7° 7	11°48	27°41	18° 0	22°46	22°55	1°28	n.a.	F 17
S 18	9 33 5	25°15'52	13♐53	13°34	20°44	29°28	0°20	7° 8	11°49	27°42	18° 0	22°46	22°52	1°34	n.a.	S 18
S 19	9 37 1	26°15'19	28° 4	14°44	21°56	0♓14	0°24	7° 9	11°51	27°42	18° 0	22°43	22°49	1°41	n.a.	S 19
M20	9 40 58	27°14'44	12♑14	15°47	23° 9	1° 0	0°28	7°10	11°52	27°43	18° 1	22°38	22°45	1°48	n.a.	M20
T 21	9 44 55	28°14'07	26°22	16°43	24°21	1°46	0°32	7°11	11°53	27°43	18° 1	22°30	22°42	1°54	n.a.	T 21
W22	9 48 51	29°13'28	10♒23	17°33	25°34	2°32	0°36	7°12	11°55	27°43	18° 1	22°19	22°39	2° 1	n.a.	W22
T 23	9 52 48	0♓12'47	24°12	18°15	26°46	3°18	0°41	7°13	11°57	27°44	18° 2	22° 7	22°36	2° 8	n.a.	T 23
F 24	9 56 44	1°12'04	7♓46	18°49	27°59	4° 4	0°46	7°15	11°58	27°44	18° 2	21°54	22°33	2°14	n.a.	F 24
S 25	10 0 41	2°11'19	21° 1	19°17	29°11	4°49	0°51	7°16	12° 0	27°44	18° 3	21°43	22°30	2°21	n.a.	S 25
S 26	10 4 37	3°10'31	3♈57	19°36	0♒24	5°35	0°56	7°18	12° 1	27°44	18° 3	21°33	22°26	2°28	n.a.	S 26
M27	10 8 34	4° 9'41	16°33	19°49	1°36	6°21	1° 1	7°20	12° 3	27°45	18° 4	21°26	22°23	2°34	n.a.	M27
T 28	10 12 30	5♓ 8'49	28♈51	19°R53	2♒49	7♓ 6	1♊ 7	7♊22	12♉ 5	27♏45	18♉ 4	21♉21	22♉20	2♊41	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s24	10n58	1s51	18s10	1s25	22s55	0n49	17s 7	1s 2	20n 9	0s12	20n50	0s57	15n16	0s14	18s22	1n31	8n54	8s51	19n 6	18n57	20n51		n.a.
T 2	18 8	15 44	0 50	17 29	1 18	22 58	0 46	16 53	1 2	20 9	0 11	20 50	0 57	15 16	0 14	18 22	1 31	8 54	8 50	19 6	18 56	20 54		n.a.
F 3	17 52	19 53	0n13	16 46	1 10	23 0	0 42	16 38	1 1	20 9	0 11	20 50	0 57	15 16	0 14	18 22	1 31	8 54	8 50	19 6	18 55	20 56		n.a.
S 4	17 35	23 14	1 15	16 1	1 2	23 2	0 39	16 23	1 1	20 10	0 11	20 50	0 57	15 16	0 14	18 22	1 31	8 55	8 50	19 5	18 54	20 58		n.a.
S 5	17 19	25 37	2 14	15 15	0 53	23 3	0 35	16 8	1 1	20 10	0 11	20 50	0 56	15 16	0 14	18 23	1 31	8 55	8 50	19 5	18 54	21 0		n.a.
M 6	17 1	26 50	3 8	14 28	0 43	23 3	0 32	15 53	1 1	20 11	0 11	20 51	0 56	15 17	0 14	18 23	1 31	8 55	8 49	19 3	18 53	21 3		n.a.
T 7	16 44	26 46	3 54	13 40	0 33	23 3	0 29	15 38	1 0	20 11	0 11	20 51	0 56	15 17	0 14	18 23	1 31	8 55	8 49	19 1	18 52	21 5		n.a.
W 8	16 26	25 21	4 29	12 51	0 22	23 2	0 25	15 22	1 0	20 12	0 10	20 51	0 56	15 17	0 14	18 23	1 31	8 56	8 49	18 59	18 51	21 7		n.a.
T 9	16 8	22 35	4 52	12 1	0 11	23 0	0 22	15 7	1 0	20 12	0 10	20 51	0 56	15 17	0 14	18 23	1 31	8 56	8 49	18 56	18 50	21 10		n.a.
F 10	15 50	18 38	5 0	11 11	0n 1	22 58	0 18	14 51	0 59	20 13	0 10	20 51	0 55	15 18	0 14	18 23	1 31	8 56	8 48	18 52	18 49	21 12		n.a.
S 11	15 32	13 42	4 52	10 21	0 13	22 55	0 15	14 35	0 59	20 14	0 10	20 51	0 55	15 18	0 14	18 23	1 31	8 56	8 48	18 49	18 49	21 14		n.a.
S 12	15 13	8 2	4 28	9 31	0 26	22 51	0 12	14 19	0 59	20 14	0 10	20 52	0 55	15 18	0 14	18 24	1 31	8 57	8 48	18 46	18 48	21 16		n.a.
M13	14 54	1 55	3 48	8 42	0 39	22 46	0 8	14 3	0 58	20 15	0 10	20 52	0 55	15 19	0 14	18 24	1 31	8 57	8 48	18 44	18 47	21 19		n.a.
T 14	14 35	4s22	2 54	7 53	0 52	22 41	0 5	13 47	0 58	20 16	0 9	20 52	0 55	15 19	0 14	18 24	1 32	8 57	8 47	18 43	18 46	21 21		n.a.
W15	14 15	10 30	1 49	7 6	1 5	22 36	0 2	13 31	0 58	20 17	0 9	20 52	0 54	15 20	0 14	18 24	1 32	8 58	8 47	18 42	18 45	21 23		n.a.
T 16	13 56	16 8	0 37	6 21	1 19	22 29	0s 1	13 14	0 57	20 18	0 9	20 53	0 54	15 20	0 14	18 24	1 32	8 58	8 47	18 42	18 45	21 25		n.a.
F 17	13 36	20 57	0s37	5 37	1 32	22 22	0 4	12 58	0 57	20 19	0 9	20 53	0 54	15 20	0 14	18 24	1 32	8 58	8 47	18 42	18 44	21 28		n.a.
S 18	13 16	24 33	1 49	4 55	1 45	22 14	0 8	12 41	0 57	20 20	0 9	20 53	0 54	15 21	0 14	18 24	1 32	8 58	8 46	18 41	18 43	21 30		n.a.
S 19	12 55	26 38	2 55	4 16	1 58	22 6	0 11	12 24	0 56	20 21	0 9	20 54	0 54	15 21	0 14	18 24	1 32	8 59	8 46	18 41	18 42	21 32		n.a.
M20	12 35	26 59	3 50	3 40	2 11	21 57	0 14	12 7	0 56	20 22	0 9	20 54	0 53	15 22	0 14	18 24	1 32	8 59	8 46	18 39	18 41	21 34		n.a.
T 21	12 14	25 33	4 30	3 7	2 23	21 47	0 17	11 50	0 55	20 23	0 8	20 54	0 53	15 22	0 14	18 24	1 32	8 59	8 46	18 37	18 41	21 36		n.a.
W22	11 53	22 34	4 54	2 37	2 34	21 37	0 20	11 33	0 55	20 24	0 8	20 55	0 53	15 23	0 14	18 24	1 32	9 0	8 46	18 35	18 40	21 39		n.a.
T 23	11 32	18 20	5 0	2 10	2 45	21 26	0 23	11 16	0 55	20 25	0 8	20 55	0 53	15 23	0 14	18 24	1 32	9 0	8 45	18 31	18 39	21 41		n.a.
F 24	11 11	13 13	4 49	1 48	2 55	21 15	0 26	10 59	0 54	20 26	0 8	20 56	0 53	15 24	0 14	18 24	1 32	9 0	8 45	18 28	18 38	21 43		n.a.
S 25	10 49	7 37	4 23	1 28	3 4	21 2	0 29	10 42	0 54	20 27	0 8	20 56	0 52	15 24	0 14	18 24	1 32	9 1	8 45	18 25	18 37	21 45		n.a.
S 26	10 28	1 49	3 43	1 13	3 12	20 50	0 31	10 24	0 54	20 29	0 8	20 56	0 52	15 25	0 14	18 24	1 32	9 1	8 45	18 22	18 36	21 47		n.a.
M27	10 6	3n55	2 53	1 2	3 19	20 36	0 34	10 7	0 53	20 30	0 7	20 57	0 52	15 25	0 14	18 24	1 32	9 1	8 44	18 21	18 36	21 50		n.a.
T 28	9s44	9n23	1s56	0s55	3n25	20s22	0s37	9s49	0s53	20n31	0s 7	20n57	0s52	15n26	0s14	18s24	1n32	9n 2	8s44	18n19	18n35	21n52		n.a.

Julian Day Number = 1603113.5, Delta T = 03h57m55s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'38, Lahiri = - 8°25'38 Julian Calendar 1 Feb. 324 BCE == Greg. Calendar 27 Jan. 324 BCE

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

MARCH 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 16 27	6♓ 7'54	10♉54	19°R51	4♒ 1	7♓52	1♊12	7♊24	12♉ 7	27♏45	18♉ 5	21°R19	22♉17	2♊48	n.a.	W 1
T 2	10 20 23	7° 6'57	22°47	19♓42	5°14	8°37	1°18	7°26	12° 9	27°45	18° 5	21°D19	22°14	2°54	n.a.	T 2
F 3	10 24 20	8° 5'57	4♊36	19°26	6°26	9°23	1°24	7°28	12°11	27°45	18° 6	21°R19	22°10	3° 1	n.a.	F 3
S 4	10 28 17	9° 4'56	16°25	19° 4	7°39	10° 8	1°30	7°30	12°13	27°R45	18° 6	21♉19	22° 7	3° 7	n.a.	S 4
S 5	10 32 13	10° 3'51	28°20	18°36	8°52	10°54	1°36	7°32	12°15	27°45	18° 7	21°17	22° 4	3°14	n.a.	S 5
M 6	10 36 10	11° 2'45	10♋26	18° 3	10° 4	11°39	1°43	7°35	12°17	27°45	18° 8	21°13	22° 1	3°21	n.a.	M 6
T 7	10 40 6	12° 1'36	22°48	17°26	11°17	12°24	1°49	7°37	12°19	27°45	18° 8	21° 7	21°58	3°27	n.a.	T 7
W 8	10 44 3	13° 0'25	5♌29	16°46	12°29	13°10	1°56	7°40	12°21	27°45	18° 9	20°59	21°55	3°34	n.a.	W 8
T 9	10 47 59	13°59'11	18°31	16° 3	13°42	13°55	2° 3	7°43	12°23	27°45	18°10	20°48	21°51	3°41	n.a.	T 9
F 10	10 51 56	14°57'55	1♍53	15°18	14°55	14°40	2°10	7°46	12°25	27°45	18°10	20°37	21°48	3°47	n.a.	F 10
S 11	10 55 52	15°56'37	15°35	14°32	16° 7	15°25	2°17	7°49	12°28	27°44	18°11	20°27	21°45	3°54	n.a.	S 11
S 12	10 59 49	16°55'17	29°32	13°46	17°20	16°10	2°24	7°52	12°30	27°44	18°12	20°17	21°42	4° 1	n.a.	S 12
M13	11 3 46	17°53'55	13♎41	13° 1	18°33	16°55	2°32	7°55	12°32	27°44	18°12	20°10	21°39	4° 7	n.a.	M13
T 14	11 7 42	18°52'31	27°57	12°18	19°45	17°40	2°39	7°58	12°35	27°44	18°13	20° 6	21°35	4°14	n.a.	T 14
W15	11 11 39	19°51'05	12♏15	11°36	20°58	18°25	2°47	8° 2	12°37	27°43	18°14	20° 4	21°32	4°21	n.a.	W15
T 16	11 15 35	20°49'38	26°32	10°58	22°11	19°10	2°54	8° 5	12°39	27°43	18°15	20°D 4	21°29	4°27	n.a.	T 16
F 17	11 19 32	21°48'09	10♐44	10°24	23°24	19°55	3° 2	8° 9	12°42	27°42	18°16	20° 4	21°26	4°34	n.a.	F 17
S 18	11 23 28	22°46'38	24°52	9°53	24°36	20°40	3°10	8°12	12°44	27°42	18°17	20°R 5	21°23	4°41	n.a.	S 18
S 19	11 27 25	23°45'05	8♑52	9°27	25°49	21°24	3°19	8°16	12°47	27°42	18°17	20° 4	21°20	4°47	n.a.	S 19
M20	11 31 21	24°43'31	22°46	9° 6	27° 2	22° 9	3°27	8°20	12°50	27°41	18°18	20° 1	21°16	4°54	n.a.	M20
T 21	11 35 18	25°41'55	6♒31	8°49	28°15	22°54	3°35	8°24	12°52	27°41	18°19	19°55	21°13	5° 1	n.a.	T 21
W22	11 39 15	26°40'17	20° 6	8°38	29°28	23°38	3°44	8°28	12°55	27°40	18°20	19°48	21°10	5° 7	n.a.	W22
T 23	11 43 11	27°38'38	3♓29	8°31	0♓40	24°23	3°53	8°32	12°58	27°39	18°21	19°39	21° 7	5°14	n.a.	T 23
F 24	11 47 8	28°36'57	16°39	8°D30	1°53	25° 7	4° 1	8°36	13° 0	27°39	18°22	19°30	21° 4	5°20	n.a.	F 24
S 25	11 51 4	29°35'13	29°35	8°33	3° 6	25°52	4°10	8°41	13° 3	27°38	18°23	19°22	21° 1	5°27	n.a.	S 25
S 26	11 55 1	0♈33'28	12♈15	8°42	4°19	26°36	4°19	8°45	13° 6	27°38	18°24	19°15	20°57	5°34	n.a.	S 26
M27	11 58 57	1°31'41	24°40	8°55	5°32	27°20	4°28	8°49	13° 9	27°37	18°25	19°10	20°54	5°40	n.a.	M27
T 28	12 2 54	2°29'52	6♉51	9°13	6°45	28° 4	4°38	8°54	13°11	27°36	18°26	19° 7	20°51	5°47	n.a.	T 28
W29	12 6 50	3°28'01	18°51	9°35	7°57	28°49	4°47	8°59	13°14	27°35	18°27	19°D 6	20°48	5°54	n.a.	W29
T 30	12 10 47	4°26'08	0♊43	10° 2	9°10	29°33	4°57	9° 3	13°17	27°35	18°28	19° 7	20°45	6° 0	n.a.	T 30
F 31	12 14 43	5♈24'14	12♊31	10♓33	10♓23	0♈17	5♊ 6	9♊ 8	13♉20	27♏34	18♉29	19♉ 8	20♉41	6♊ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9s22	14n25	0s55	0s52	3n29	20s 8	0s40	9s32	0s52	20n32	0s 7	20n58	0s52	15n26	0s14	18s24	1n32	9n 2	8s44	18n19	18n34	21n54			n.a.
T 2	9 0	18 50	0n 8	0 53	3 32	19 53	0 42	9 14	0 52	20 34	0 7	20 58	0 51	15 27	0 14	18 24	1 32	9 2	8 44	18 19	18 33	21 56			n.a.
F 3	8 38	22 28	1 10	0 58	3 33	19 37	0 45	8 56	0 51	20 35	0 7	20 59	0 51	15 28	0 14	18 24	1 32	9 3	8 43	18 19	18 32	21 58			n.a.
S 4	8 16	25 11	2 9	1 8	3 33	19 21	0 47	8 39	0 51	20 36	0 7	21 0	0 51	15 28	0 14	18 24	1 32	9 3	8 43	18 19	18 31	22 0			n.a.
S 5	7 53	26 47	3 3	1 20	3 31	19 4	0 50	8 21	0 51	20 38	0 7	21 0	0 51	15 29	0 14	18 24	1 32	9 4	8 43	18 18	18 31	22 3			n.a.
M 6	7 31	27 9	3 50	1 37	3 27	18 47	0 52	8 3	0 50	20 39	0 6	21 1	0 51	15 30	0 14	18 24	1 32	9 4	8 43	18 17	18 30	22 5			n.a.
T 7	7 8	26 10	4 27	1 56	3 22	18 29	0 54	7 45	0 50	20 41	0 6	21 1	0 51	15 30	0 14	18 24	1 32	9 4	8 43	18 16	18 29	22 7			n.a.
W 8	6 45	23 51	4 52	2 18	3 15	18 10	0 57	7 27	0 49	20 42	0 6	21 2	0 50	15 31	0 14	18 24	1 32	9 5	8 42	18 13	18 28	22 9			n.a.
T 9	6 23	20 15	5 3	2 43	3 6	17 51	0 59	7 9	0 49	20 44	0 6	21 3	0 50	15 32	0 14	18 24	1 33	9 5	8 42	18 11	18 27	22 11			n.a.
F 10	6 0	15 33	4 57	3 10	2 56	17 32	1 1	6 51	0 48	20 45	0 6	21 3	0 50	15 32	0 14	18 24	1 33	9 6	8 42	18 8	18 27	22 13			n.a.
S 11	5 37	9 58	4 35	3 38	2 45	17 12	1 3	6 33	0 48	20 47	0 6	21 4	0 50	15 33	0 14	18 24	1 33	9 6	8 42	18 5	18 26	22 15			n.a.
S 12	5 14	3 47	3 55	4 7	2 32	16 52	1 5	6 15	0 47	20 48	0 6	21 5	0 50	15 34	0 14	18 24	1 33	9 6	8 42	18 2	18 25	22 18			n.a.
M13	4 50	2s41	3 1	4 37	2 18	16 31	1 7	5 57	0 47	20 50	0 5	21 5	0 49	15 34	0 14	18 24	1 33	9 7	8 41	18 0	18 24	22 20			n.a.
T 14	4 27	9 5	1 55	5 8	2 4	16 10	1 9	5 39	0 46	20 52	0 5	21 6	0 49	15 35	0 14	18 24	1 33	9 7	8 41	17 59	18 23	22 22			n.a.
W15	4 4	15 3	0 42	5 37	1 49	15 48	1 11	5 20	0 46	20 53	0 5	21 7	0 49	15 36	0 14	18 23	1 33	9 8	8 41	17 59	18 22	22 24			n.a.
T 16	3 41	20 11	0s35	6 6	1 33	15 26	1 13	5 2	0 46	20 55	0 5	21 7	0 49	15 37	0 14	18 23	1 33	9 8	8 41	17 59	18 21	22 26			n.a.
F 17	3 17	24 7	1 48	6 34	1 17	15 3	1 14	4 44	0 45	20 57	0 5	21 8	0 49	15 38	0 14	18 23	1 33	9 8	8 40	17 59	18 21	22 28			n.a.
S 18	2 54	26 33	2 55	7 1	1 1	14 41	1 16	4 26	0 45	20 58	0 5	21 9	0 49	15 38	0 14	18 23	1 33	9 9	8 40	17 59	18 20	22 30			n.a.
S 19	2 31	27 16	3 51	7 26	0 45	14 17	1 18	4 7	0 44	21 0	0 5	21 10	0 48	15 39	0 14	18 23	1 33	9 9	8 40	17 59	18 19	22 32			n.a.
M20	2 7	26 16	4 32	7 49	0 28	13 53	1 19	3 49	0 44	21 2	0 5	21 11	0 48	15 40	0 14	18 23	1 33	9 10	8 40	17 58	18 18	22 34			n.a.
T 21	1 44	23 40	4 58	8 10	0 13	13 29	1 21	3 31	0 43	21 4	0 4	21 11	0 48	15 41	0 13	18 23	1 33	9 10	8 40	17 56	18 17	22 36			n.a.
W22	1 20	19 47	5 6	8 29	0s 3	13 5	1 22	3 12	0 43	21 5	0 4	21 12	0 48	15 42	0 13	18 22	1 33	9 11	8 39	17 54	18 16	22 38			n.a.
T 23	0 57	14 57	4 57	8 45	0 18	12 40	1 23	2 54	0 42	21 7	0 4	21 13	0 48	15 42	0 13	18 22	1 33	9 11	8 39	17 52	18 16	22 41			n.a.
F 24	0 33	9 30	4 33	8 59	0 32	12 15	1 25	2 36	0 42	21 9	0 4	21 14	0 47	15 43	0 13	18 22	1 33	9 11	8 39	17 49	18 15	22 43			n.a.
S 25	0 10	3 45	3 55	9 11	0 46	11 49	1 26	2 18	0 41	21 11	0 4	21 15	0 47	15 44	0 13	18 22	1 33	9 12	8 39	17 47	18 14	22 45			n.a.
S 26	0n13	2n 3	3 5	9 20	1 0	11 23	1 27	1 59	0 41	21 13	0 4	21 16	0 47	15 45	0 13	18 22	1 33	9 12	8 39	17 45	18 13	22 47			n.a.
M27	0 37	7 41	2 8	9 26	1 12	10 57	1 28	1 41	0 40	21 14	0 4	21 16	0 47	15 46	0 13	18 22	1 33	9 13	8 39	17 44	18 12	22 49			n.a.
T 28	1 0	12 56	1 6	9 31	1 24	10 31	1 29	1 23	0 40	21 16	0 4	21 17	0 47	15 47	0 13	18 21	1 33	9 13	8 38	17 43	18 11	22 51			n.a.
W29	1 24	17 37	0 1	9 32	1 35	10 4	1 30	1 4	0 39	21 18	0 3	21 18	0 47	15 48	0 13	18 21	1 33	9 14	8 38	17 43	18 11	22 53			n.a.
T 30	1 47	21 34	1n 3	9 32	1 46	9 37	1 30	0 46	0 38	21 20	0 3	21 19	0 46	15 49	0 13	18 21	1 33	9 14	8 38	17 43	18 10	22 55			n.a.
F 31	2n10	24n37	2n 4	9s29	1s55	9s10	1s31	0s28	0s38	21n22	0s 3	21n20	0s46	15n49	0s13	18s21	1n33	9n15	8s38	17n43	18n 9	22n57			n.a.

Julian Day Number = 1603141.5, Delta T = 03h57m54s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'34, Lahiri = - 8°25'34 Julian Calendar 1 March 324 BCE == Greg. Calendar 24 Feb. 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

APRIL 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 18 40	6♈22'17	24♊20	11♓ 8	11♓36	1♈ 1	5♊16	9♊13	13♉23	27°R33	18♉30	19♉ 9	20♉38	6♊14	n.a.	S 1
S 2	12 22 37	7°20'18	6♋16	11°47	12°49	1°45	5°26	9°18	13°26	27♏32	18°31	19°R10	20°35	6°20	n.a.	S 2
M 3	12 26 33	8°18'17	18°22	12°29	14° 2	2°29	5°35	9°23	13°29	27°31	18°32	19° 9	20°32	6°27	n.a.	M 3
T 4	12 30 30	9°16'14	0♌44	13°16	15°15	3°13	5°45	9°28	13°32	27°30	18°34	19° 7	20°29	6°34	n.a.	T 4
W 5	12 34 26	10°14'09	13°27	14° 5	16°28	3°57	5°55	9°33	13°35	27°29	18°35	19° 4	20°26	6°40	n.a.	W 5
T 6	12 38 23	11°12'03	26°32	14°58	17°40	4°40	6° 6	9°38	13°38	27°28	18°36	18°58	20°22	6°47	n.a.	T 6
F 7	12 42 19	12° 9'54	10♍ 3	15°55	18°53	5°24	6°16	9°44	13°41	27°27	18°37	18°53	20°19	6°54	n.a.	F 7
S 8	12 46 16	13° 7'44	23°57	16°54	20° 6	6° 8	6°26	9°49	13°45	27°26	18°38	18°47	20°16	7° 0	n.a.	S 8
S 9	12 50 12	14° 5'32	8♎12	17°56	21°19	6°51	6°37	9°55	13°48	27°25	18°39	18°42	20°13	7° 7	n.a.	S 9
M10	12 54 9	15° 3'18	22°43	19° 1	22°32	7°35	6°47	10° 0	13°51	27°24	18°41	18°39	20°10	7°14	n.a.	M10
T 11	12 58 6	16° 1'03	7♏23	20° 9	23°45	8°19	6°58	10° 6	13°54	27°23	18°42	18°37	20° 6	7°20	n.a.	T 11
W12	13 2 2	16°58'46	22° 6	21°20	24°58	9° 2	7° 9	10°11	13°57	27°22	18°43	18°D36	20° 3	7°27	n.a.	W12
T 13	13 5 59	17°56'28	6♐46	22°33	26°11	9°45	7°19	10°17	14° 1	27°21	18°44	18°37	20° 0	7°33	n.a.	T 13
F 14	13 9 55	18°54'09	21°17	23°49	27°24	10°29	7°30	10°23	14° 4	27°20	18°45	18°39	19°57	7°40	n.a.	F 14
S 15	13 13 52	19°51'49	5♑35	25° 7	28°37	11°12	7°41	10°29	14° 7	27°19	18°47	18°40	19°54	7°47	n.a.	S 15
S 16	13 17 48	20°49'28	19°39	26°28	29°50	11°55	7°52	10°35	14°10	27°17	18°48	18°R40	19°51	7°53	n.a.	S 16
M17	13 21 45	21°47'06	3♒27	27°52	1♈ 3	12°39	8° 3	10°41	14°14	27°16	18°49	18°40	19°47	8° 0	n.a.	M17
T 18	13 25 41	22°44'42	16°59	29°17	2°16	13°22	8°15	10°47	14°17	27°15	18°50	18°38	19°44	8° 7	n.a.	T 18
W19	13 29 38	23°42'18	0♓16	0♈45	3°29	14° 5	8°26	10°53	14°20	27°14	18°52	18°36	19°41	8°13	n.a.	W19
T 20	13 33 35	24°39'52	13°18	2°16	4°42	14°48	8°37	10°59	14°24	27°12	18°53	18°32	19°38	8°20	n.a.	T 20
F 21	13 37 31	25°37'25	26° 5	3°48	5°55	15°31	8°49	11° 5	14°27	27°11	18°54	18°29	19°35	8°27	n.a.	F 21
S 22	13 41 28	26°34'57	8♈40	5°23	7° 8	16°14	9° 0	11°12	14°31	27°10	18°56	18°25	19°32	8°33	n.a.	S 22
S 23	13 45 24	27°32'28	21° 3	7° 1	8°21	16°57	9°12	11°18	14°34	27° 8	18°57	18°23	19°28	8°40	n.a.	S 23
M24	13 49 21	28°29'58	3♉14	8°40	9°34	17°39	9°23	11°25	14°37	27° 7	18°58	18°21	19°25	8°47	n.a.	M24
T 25	13 53 17	29°27'26	15°16	10°22	10°47	18°22	9°35	11°31	14°41	27° 6	19° 0	18°D20	19°22	8°53	n.a.	T 25
W26	13 57 14	0♉24'53	27°10	12° 6	12° 0	19° 5	9°47	11°38	14°44	27° 4	19° 1	18°20	19°19	9° 0	n.a.	W26
T 27	14 1 10	1°22'20	8♊59	13°53	13°13	19°48	9°58	11°44	14°48	27° 3	19° 2	18°21	19°16	9° 7	n.a.	T 27
F 28	14 5 7	2°19'45	20°47	15°41	14°26	20°30	10°10	11°51	14°51	27° 1	19° 4	18°23	19°12	9°13	n.a.	F 28
S 29	14 9 4	3°17'08	2♋36	17°32	15°39	21°13	10°22	11°57	14°55	27° 0	19° 5	18°24	19° 9	9°20	n.a.	S 29
S 30	14 13 0	4♉14'31	14♋32	19♈25	16♈52	21♈55	10♊34	12♊ 4	14♉58	26♏59	19♉ 6	18♉25	19♉ 6	9♊27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n34	26n36	2n59	9s24	2s 4	8s43	1s32	0s10	0s37	21n24	0s 3	21n21	0s46	15n50	0s13	18s20	1n33	9n15	8s38	17n44	18n 8	22n59		n.a.
S 2	2 57	27 23	3 48	9 16	2 13	8 15	1 32	0n 8	0 37	21 26	0 3	21 22	0 46	15 51	0 13	18 20	1 33	9 16	8 38	17 44	18 7	23 1		n.a.
M 3	3 20	26 52	4 27	9 6	2 20	7 47	1 33	0 27	0 36	21 27	0 3	21 23	0 46	15 52	0 13	18 20	1 34	9 16	8 37	17 44	18 6	23 3		n.a.
T 4	3 43	25 2	4 55	8 55	2 27	7 19	1 33	0 45	0 36	21 29	0 3	21 24	0 46	15 53	0 13	18 20	1 34	9 16	8 37	17 43	18 5	23 5		n.a.
W 5	4 6	21 55	5 9	8 41	2 33	6 51	1 34	1 3	0 35	21 31	0 3	21 25	0 45	15 54	0 13	18 20	1 34	9 17	8 37	17 42	18 5	23 7		n.a.
T 6	4 29	17 38	5 8	8 25	2 38	6 22	1 34	1 21	0 35	21 33	0 2	21 26	0 45	15 55	0 13	18 19	1 34	9 17	8 37	17 41	18 4	23 9		n.a.
F 7	4 52	12 22	4 50	8 7	2 43	5 53	1 34	1 39	0 34	21 35	0 2	21 26	0 45	15 56	0 13	18 19	1 34	9 18	8 37	17 39	18 3	23 11		n.a.
S 8	5 15	6 19	4 15	7 47	2 46	5 25	1 34	1 57	0 34	21 37	0 2	21 27	0 45	15 57	0 13	18 19	1 34	9 18	8 37	17 38	18 2	23 13		n.a.
S 9	5 37	0s11	3 23	7 25	2 50	4 56	1 34	2 15	0 33	21 39	0 2	21 28	0 45	15 58	0 13	18 18	1 34	9 19	8 36	17 36	18 1	23 15		n.a.
M10	6 0	6 50	2 17	7 2	2 52	4 26	1 34	2 33	0 33	21 41	0 2	21 29	0 45	15 59	0 13	18 18	1 34	9 19	8 36	17 35	18 0	23 17		n.a.
T 11	6 23	13 11	1 1	6 36	2 54	3 57	1 34	2 51	0 32	21 43	0 2	21 30	0 45	16 0	0 13	18 18	1 34	9 20	8 36	17 35	17 59	23 19		n.a.
W12	6 45	18 50	0s19	6 9	2 55	3 28	1 34	3 9	0 31	21 45	0 2	21 31	0 44	16 1	0 13	18 18	1 34	9 20	8 36	17 35	17 59	23 21		n.a.
T 13	7 7	23 19	1 38	5 40	2 55	2 58	1 34	3 26	0 31	21 47	0 2	21 32	0 44	16 2	0 13	18 17	1 34	9 21	8 36	17 35	17 58	23 23		n.a.
F 14	7 30	26 16	2 50	5 9	2 55	2 29	1 34	3 44	0 30	21 48	0 2	21 33	0 44	16 3	0 13	18 17	1 34	9 21	8 36	17 35	17 57	23 24		n.a.
S 15	7 52	27 26	3 50	4 37	2 54	1 59	1 34	4 2	0 30	21 50	0 1	21 34	0 44	16 4	0 13	18 17	1 34	9 21	8 36	17 36	17 56	23 26		n.a.
S 16	8 14	26 48	4 35	4 3	2 53	1 29	1 33	4 19	0 29	21 52	0 1	21 35	0 44	16 5	0 13	18 16	1 34	9 22	8 35	17 36	17 55	23 28		n.a.
M17	8 35	24 32	5 3	3 28	2 51	1 0	1 33	4 37	0 29	21 54	0 1	21 36	0 44	16 6	0 13	18 16	1 34	9 22	8 35	17 36	17 54	23 30		n.a.
T 18	8 57	20 55	5 14	2 51	2 48	0 30	1 32	4 54	0 28	21 56	0 1	21 37	0 43	16 7	0 13	18 16	1 34	9 23	8 35	17 35	17 53	23 32		n.a.
W19	9 19	16 18	5 7	2 12	2 44	0n 0	1 32	5 12	0 27	21 58	0 1	21 38	0 43	16 8	0 13	18 16	1 34	9 23	8 35	17 34	17 52	23 34		n.a.
T 20	9 40	11 1	4 45	1 32	2 41	0 30	1 31	5 29	0 27	22 0	0 1	21 39	0 43	16 9	0 13	18 15	1 34	9 24	8 35	17 33	17 52	23 36		n.a.
F 21	10 1	5 22	4 9	0 51	2 36	1 0	1 30	5 47	0 26	22 2	0 1	21 40	0 43	16 10	0 13	18 15	1 34	9 24	8 35	17 32	17 51	23 38		n.a.
S 22	10 23	0n24	3 21	0 8	2 31	1 30	1 29	6 4	0 26	22 4	0 1	21 41	0 43	16 11	0 13	18 15	1 34	9 25	8 35	17 31	17 50	23 40		n.a.
S 23	10 44	6 4	2 25	0n36	2 25	2 0	1 29	6 21	0 25	22 6	0 1	21 42	0 43	16 12	0 13	18 14	1 34	9 25	8 35	17 31	17 49	23 42		n.a.
M24	11 4	11 27	1 22	1 21	2 19	2 30	1 28	6 38	0 25	22 8	0 0	21 43	0 43	16 13	0 13	18 14	1 34	9 26	8 34	17 30	17 48	23 44		n.a.
T 25	11 25	16 21	0 17	2 8	2 13	3 0	1 27	6 55	0 24	22 9	0 0	21 44	0 42	16 14	0 13	18 14	1 34	9 26	8 34	17 30	17 47	23 45		n.a.
W26	11 45	20 33	0n49	2 55	2 5	3 29	1 26	7 12	0 23	22 11	0 0	21 46	0 42	16 15	0 13	18 13	1 34	9 27	8 34	17 30	17 46	23 47		n.a.
T 27	12 6	23 55	1 52	3 44	1 58	3 59	1 24	7 29	0 23	22 13	0 0	21 47	0 42	16 16	0 13	18 13	1 34	9 27	8 34	17 30	17 45	23 49		n.a.
F 28	12 26	26 14	2 50	4 34	1 49	4 29	1 23	7 46	0 22	22 15	0n 0	21 48	0 42	16 17	0 13	18 13	1 34	9 27	8 34	17 31	17 45	23 51		n.a.
S 29	12 46	27 24	3 41	5 25	1 41	4 59	1 22	8 3	0 22	22 17	0 0	21 49	0 42	16 18	0 13	18 12	1 34	9 28	8 34	17 31	17 44	23 53		n.a.
S 30	13n 5	27n18	4n23	6n17	1s32	5n28	1s21	8n19	0s21	22n19	0n 0	21n50	0s42	16n19	0s13	18s12	1n34	9n28	8s34	17n31	17n43	23n55		n.a.

Julian Day Number = 1603172.5, Delta T = 03h57m53s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'30, Lahiri = - 8°25'30 Julian Calendar 1 Apr. 324 BCE == Greg. Calendar 27 March 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

MAY 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 16 57	5♉11'52	26♋38	21♈21	18♈ 6	22♈38	10♊46	12♊11	15♉ 2	26°R57	19♉ 8	18♉26	19♉ 3	9♊33	n.a.	M 1
T 2	14 20 53	6° 9'12	8♌58	23°18	19°19	23°20	10°58	12°18	15° 5	26♏56	19° 9	18°R26	19° 0	9°40	n.a.	T 2
W 3	14 24 50	7° 6'31	21°38	25°17	20°32	24° 3	11°11	12°25	15° 9	26°54	19°11	18°26	18°57	9°47	n.a.	W 3
T 4	14 28 46	8° 3'48	4♍41	27°19	21°45	24°45	11°23	12°31	15°12	26°53	19°12	18°25	18°53	9°53	n.a.	T 4
F 5	14 32 43	9° 1'05	18°10	29°22	22°58	25°27	11°35	12°38	15°16	26°51	19°13	18°24	18°50	10° 0	n.a.	F 5
S 6	14 36 39	9°58'20	2♎ 5	1♉27	24°11	26° 9	11°47	12°45	15°19	26°50	19°15	18°23	18°47	10° 7	n.a.	S 6
S 7	14 40 36	10°55'34	16°25	3°34	25°24	26°51	12° 0	12°52	15°23	26°48	19°16	18°22	18°44	10°13	n.a.	S 7
M 8	14 44 33	11°52'48	1♏ 7	5°42	26°38	27°34	12°12	12°59	15°26	26°47	19°17	18°21	18°41	10°20	n.a.	M 8
T 9	14 48 29	12°50'00	16° 3	7°51	27°51	28°16	12°25	13° 7	15°30	26°45	19°19	18°D21	18°38	10°26	n.a.	T 9
W10	14 52 26	13°47'12	1♐ 6	10° 2	29° 4	28°58	12°37	13°14	15°33	26°43	19°20	18°21	18°34	10°33	n.a.	W10
T 11	14 56 22	14°44'24	16° 8	12°13	0♉17	29°39	12°50	13°21	15°37	26°42	19°22	18°21	18°31	10°40	n.a.	T 11
F 12	15 0 19	15°41'35	1♑ 0	14°24	1°30	0♉21	13° 2	13°28	15°40	26°40	19°23	18°22	18°28	10°46	n.a.	F 12
S 13	15 4 15	16°38'46	15°35	16°36	2°44	1° 3	13°15	13°35	15°44	26°39	19°24	18°22	18°25	10°53	n.a.	S 13
S 14	15 8 12	17°35'56	29°50	18°47	3°57	1°45	13°28	13°43	15°47	26°37	19°26	18°22	18°22	11° 0	n.a.	S 14
M15	15 12 9	18°33'06	13♒43	20°59	5°10	2°27	13°40	13°50	15°51	26°36	19°27	18°22	18°18	11° 6	n.a.	M15
T 16	15 16 5	19°30'16	27°12	23° 9	6°23	3° 8	13°53	13°57	15°55	26°34	19°29	18°22	18°15	11°13	n.a.	T 16
W17	15 20 2	20°27'25	10♓20	25°19	7°37	3°50	14° 6	14° 5	15°58	26°32	19°30	18°22	18°12	11°20	n.a.	W17
T 18	15 23 58	21°24'35	23° 9	27°28	8°50	4°32	14°19	14°12	16° 2	26°31	19°32	18°22	18° 9	11°26	n.a.	T 18
F 19	15 27 55	22°21'44	5♈42	29°35	10° 3	5°13	14°32	14°20	16° 5	26°29	19°33	18°23	18° 6	11°33	n.a.	F 19
S 20	15 31 51	23°18'53	18° 1	1♊41	11°17	5°54	14°45	14°27	16° 9	26°27	19°34	18°23	18° 3	11°40	n.a.	S 20
S 21	15 35 48	24°16'01	0♉ 9	3°46	12°30	6°36	14°58	14°35	16°12	26°26	19°36	18°24	17°59	11°46	n.a.	S 21
M22	15 39 44	25°13'10	12° 8	5°48	13°43	7°17	15°11	14°42	16°16	26°24	19°37	18°24	17°56	11°53	n.a.	M22
T 23	15 43 41	26°10'18	24° 1	7°49	14°57	7°59	15°24	14°50	16°19	26°23	19°39	18°R24	17°53	12° 0	n.a.	T 23
W24	15 47 38	27° 7'26	5♊51	9°48	16°10	8°40	15°37	14°57	16°23	26°21	19°40	18°23	17°50	12° 6	n.a.	W24
T 25	15 51 34	28° 4'34	17°39	11°45	17°23	9°21	15°50	15° 5	16°26	26°19	19°41	18°23	17°47	12°13	n.a.	T 25
F 26	15 55 31	29° 1'42	29°27	13°40	18°37	10° 2	16° 3	15°12	16°30	26°18	19°43	18°21	17°44	12°20	n.a.	F 26
S 27	15 59 27	29°58'49	11♋19	15°33	19°50	10°43	16°16	15°20	16°33	26°16	19°44	18°20	17°40	12°26	n.a.	S 27
S 28	16 3 24	0♊55'57	23°17	17°24	21° 4	11°24	16°29	15°28	16°37	26°15	19°46	18°18	17°37	12°33	n.a.	S 28
M29	16 7 20	1°53'03	5♌25	19°13	22°17	12° 5	16°42	15°35	16°40	26°13	19°47	18°16	17°34	12°40	n.a.	M29
T 30	16 11 17	2°50'10	17°46	20°59	23°31	12°46	16°55	15°43	16°43	26°11	19°48	18°15	17°31	12°46	n.a.	T 30
W31	16 15 13	3♊47'16	0♍23	22♊44	24♉44	13♉27	17♊ 9	15♊51	16♉47	26♏10	19♉50	18°D15	17♉28	12♊53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n25	25n54	4n54	7n 9	1s23	5n57	1s20	8n36	0s20	22n21	0n 0	21n51	0s42	16n20	0s13	18s12	1n34	9n29	8s34	17n32	17n42	23n57			n.a.
T 2	13 44	23 15	5 13	8 2	1 13	6 27	1 18	8 52	0 20	22 22	0 0	21 52	0 42	16 21	0 13	18 11	1 34	9 29	8 34	17 32	17 41	23 58			n.a.
W 3	14 3	19 27	5 16	8 56	1 3	6 56	1 17	9 9	0 19	22 24	0 1	21 53	0 41	16 22	0 13	18 11	1 34	9 30	8 34	17 32	17 40	24 0			n.a.
T 4	14 22	14 37	5 4	9 50	0 52	7 25	1 15	9 25	0 19	22 26	0 1	21 54	0 41	16 24	0 13	18 10	1 34	9 30	8 33	17 31	17 39	24 2			n.a.
F 5	14 41	8 57	4 35	10 44	0 42	7 54	1 14	9 41	0 18	22 28	0 1	21 55	0 41	16 25	0 13	18 10	1 34	9 31	8 33	17 31	17 38	24 4			n.a.
S 6	14 59	2 40	3 50	11 38	0 31	8 23	1 12	9 57	0 17	22 30	0 1	21 56	0 41	16 26	0 13	18 10	1 34	9 31	8 33	17 31	17 38	24 6			n.a.
S 7	15 17	3s57	2 48	12 32	0 21	8 51	1 11	10 13	0 17	22 31	0 1	21 57	0 41	16 27	0 13	18 9	1 34	9 31	8 33	17 30	17 37	24 8			n.a.
M 8	15 35	10 32	1 34	13 26	0 10	9 19	1 9	10 29	0 16	22 33	0 1	21 58	0 41	16 28	0 13	18 9	1 34	9 32	8 33	17 30	17 36	24 9			n.a.
T 9	15 53	16 39	0 13	14 19	0n 1	9 48	1 7	10 45	0 16	22 35	0 1	21 59	0 41	16 29	0 13	18 9	1 34	9 32	8 33	17 30	17 35	24 11			n.a.
W10	16 10	21 47	1s10	15 11	0 11	10 16	1 5	11 0	0 15	22 37	0 1	22 0	0 41	16 30	0 13	18 8	1 34	9 33	8 33	17 30	17 34	24 13			n.a.
T 11	16 28	25 28	2 28	16 2	0 22	10 43	1 4	11 16	0 14	22 38	0 1	22 1	0 40	16 31	0 13	18 8	1 34	9 33	8 33	17 30	17 33	24 15			n.a.
F 12	16 44	27 19	3 35	16 52	0 32	11 11	1 2	11 31	0 14	22 40	0 1	22 2	0 40	16 32	0 13	18 8	1 34	9 34	8 33	17 30	17 32	24 17			n.a.
S 13	17 1	27 14	4 27	17 40	0 42	11 38	1 0	11 47	0 13	22 42	0 2	22 3	0 40	16 33	0 13	18 7	1 34	9 34	8 33	17 30	17 31	24 18			n.a.
S 14	17 18	25 20	5 1	18 27	0 51	12 5	0 58	12 2	0 13	22 44	0 2	22 4	0 40	16 34	0 13	18 7	1 34	9 34	8 33	17 30	17 30	24 20			n.a.
M15	17 34	21 57	5 17	19 12	1 0	12 32	0 56	12 17	0 12	22 45	0 2	22 5	0 40	16 35	0 13	18 6	1 34	9 35	8 33	17 31	17 30	24 22			n.a.
T 16	17 49	17 29	5 14	19 54	1 9	12 58	0 54	12 32	0 11	22 47	0 2	22 6	0 40	16 36	0 13	18 6	1 34	9 35	8 33	17 31	17 29	24 24			n.a.
W17	18 5	12 19	4 55	20 34	1 17	13 24	0 52	12 47	0 11	22 49	0 2	22 7	0 40	16 37	0 13	18 6	1 34	9 36	8 33	17 31	17 28	24 25			n.a.
T 18	18 20	6 44	4 21	21 12	1 24	13 50	0 50	13 2	0 10	22 50	0 2	22 8	0 40	16 38	0 13	18 5	1 34	9 36	8 33	17 31	17 27	24 27			n.a.
F 19	18 35	1 0	3 36	21 48	1 31	14 15	0 48	13 16	0 9	22 52	0 2	22 9	0 40	16 39	0 13	18 5	1 34	9 37	8 33	17 31	17 26	24 29			n.a.
S 20	18 50	4n41	2 41	22 20	1 37	14 41	0 46	13 31	0 9	22 53	0 2	22 10	0 39	16 40	0 13	18 5	1 34	9 37	8 33	17 31	17 25	24 31			n.a.
S 21	19 4	10 7	1 40	22 51	1 43	15 5	0 44	13 45	0 8	22 55	0 2	22 11	0 39	16 41	0 13	18 4	1 34	9 37	8 33	17 31	17 24	24 32			n.a.
M22	19 18	15 7	0 35	23 18	1 47	15 30	0 41	14 0	0 8	22 57	0 3	22 12	0 39	16 42	0 13	18 4	1 34	9 38	8 33	17 31	17 23	24 34			n.a.
T 23	19 32	19 31	0n31	23 43	1 51	15 54	0 39	14 14	0 7	22 58	0 3	22 13	0 39	16 43	0 13	18 3	1 34	9 38	8 32	17 31	17 22	24 36			n.a.
W24	19 46	23 7	1 35	24 5	1 55	16 17	0 37	14 28	0 6	23 0	0 3	22 14	0 39	16 44	0 13	18 3	1 34	9 38	8 32	17 31	17 21	24 37			n.a.
T 25	19 59	25 44	2 35	24 25	1 57	16 41	0 35	14 42	0 6	23 1	0 3	22 15	0 39	16 45	0 13	18 3	1 34	9 39	8 32	17 31	17 21	24 39			n.a.
F 26	20 11	27 13	3 28	24 42	1 59	17 4	0 32	14 56	0 5	23 3	0 3	22 16	0 39	16 46	0 13	18 2	1 34	9 39	8 32	17 30	17 20	24 41			n.a.
S 27	20 24	27 27	4 13	24 56	2 0	17 26	0 30	15 9	0 4	23 4	0 3	22 17	0 39	16 47	0 13	18 2	1 34	9 40	8 32	17 30	17 19	24 42			n.a.
S 28	20 36	26 24	4 47	25 8	2 1	17 48	0 28	15 23	0 4	23 6	0 3	22 18	0 39	16 48	0 13	18 2	1 34	9 40	8 32	17 29	17 18	24 44			n.a.
M29	20 48	24 8	5 8	25 18	2 1	18 9	0 25	15 36	0 3	23 7	0 3	22 19	0 38	16 49	0 13	18 1	1 34	9 40	8 32	17 29	17 17	24 46			n.a.
T 30	20 59	20 42	5 16	25 25	2 0	18 31	0 23	15 49	0 3	23 8	0 3	22 19	0 38	16 50	0 13	18 1	1 34	9 41	8 32	17 29	17 16	24 48			n.a.
W31	21n10	16n17	5n 9	25n30	1n59	18n51	0s21	16n 3	0s 2	23n10	0n 3	22n20	0s38	16n51	0s13	18s 1	1n34	9n41	8s32	17n28	17n15	24n49			n.a.

Julian Day Number = 1603202.5, Delta T = 03h57m52s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'26, Lahiri = - 8°25'26 Julian Calendar 1 May 324 BCE == Greg. Calendar 26 Apr. 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

JUNE 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 10	4♊44'22	13♍21	24♊26	25♉58	14♉ 8	17♊22	15♊59	16♉50	26°R 8	19♉51	18♉15	17♉24	13♊ 0	n.a.	T 1
F 2	16 23 7	5°41'28	26°43	26° 6	27°11	14°49	17°35	16° 6	16°54	26♏ 6	19°52	18°16	17°21	13° 6	n.a.	F 2
S 3	16 27 3	6°38'33	10♎31	27°44	28°25	15°30	17°48	16°14	16°57	26° 5	19°54	18°17	17°18	13°13	n.a.	S 3
S 4	16 31 0	7°35'38	24°45	29°20	29°38	16°10	18° 2	16°22	17° 0	26° 3	19°55	18°18	17°15	13°20	n.a.	S 4
M 5	16 34 56	8°32'44	9♏24	0♋54	0♊52	16°51	18°15	16°30	17° 4	26° 2	19°57	18°19	17°12	13°26	n.a.	M 5
T 6	16 38 53	9°29'49	24°22	2°25	2° 5	17°32	18°28	16°37	17° 7	26° 0	19°58	18°R19	17° 9	13°33	n.a.	T 6
W 7	16 42 49	10°26'55	9♐32	3°55	3°19	18°12	18°41	16°45	17°10	25°59	19°59	18°18	17° 5	13°40	n.a.	W 7
T 8	16 46 46	11°24'00	24°46	5°22	4°33	18°53	18°55	16°53	17°14	25°57	20° 1	18°16	17° 2	13°46	n.a.	T 8
F 9	16 50 42	12°21'07	9♑53	6°47	5°46	19°33	19° 8	17° 1	17°17	25°56	20° 2	18°13	16°59	13°53	n.a.	F 9
S 10	16 54 39	13°18'14	24°44	8° 9	7° 0	20°14	19°21	17° 9	17°20	25°54	20° 3	18°10	16°56	14° 0	n.a.	S 10
S 11	16 58 36	14°15'21	9♒12	9°30	8°13	20°54	19°35	17°16	17°24	25°52	20° 4	18° 7	16°53	14° 6	n.a.	S 11
M12	17 2 32	15°12'29	23°14	10°48	9°27	21°34	19°48	17°24	17°27	25°51	20° 6	18° 4	16°50	14°13	n.a.	M12
T 13	17 6 29	16° 9'37	6♓48	12° 3	10°41	22°14	20° 2	17°32	17°30	25°49	20° 7	18° 3	16°46	14°20	n.a.	T 13
W14	17 10 25	17° 6'46	19°56	13°17	11°55	22°55	20°15	17°40	17°33	25°48	20° 8	18°D 3	16°43	14°26	n.a.	W14
T 15	17 14 22	18° 3'56	2♈40	14°27	13° 8	23°35	20°28	17°48	17°36	25°47	20°10	18° 3	16°40	14°33	n.a.	T 15
F 16	17 18 18	19° 1'07	15° 5	15°35	14°22	24°15	20°42	17°55	17°40	25°45	20°11	18° 5	16°37	14°40	n.a.	F 16
S 17	17 22 15	19°58'18	27°15	16°41	15°36	24°55	20°55	18° 3	17°43	25°44	20°12	18° 6	16°34	14°46	n.a.	S 17
S 18	17 26 12	20°55'31	9♉14	17°43	16°50	25°35	21° 8	18°11	17°46	25°42	20°13	18° 8	16°30	14°53	n.a.	S 18
M19	17 30 8	21°52'44	21° 6	18°43	18° 3	26°15	21°22	18°19	17°49	25°41	20°15	18°R 8	16°27	15° 0	n.a.	M19
T 20	17 34 5	22°49'58	2♊54	19°40	19°17	26°55	21°35	18°27	17°52	25°39	20°16	18° 7	16°24	15° 6	n.a.	T 20
W21	17 38 1	23°47'13	14°42	20°34	20°31	27°35	21°49	18°35	17°55	25°38	20°17	18° 4	16°21	15°13	n.a.	W21
T 22	17 41 58	24°44'29	26°31	21°24	21°45	28°15	22° 2	18°42	17°58	25°37	20°18	18° 0	16°18	15°20	n.a.	T 22
F 23	17 45 54	25°41'45	8♋24	22°12	22°59	28°54	22°15	18°50	18° 1	25°35	20°19	17°54	16°15	15°26	n.a.	F 23
S 24	17 49 51	26°39'02	20°22	22°55	24°13	29°34	22°29	18°58	18° 4	25°34	20°21	17°47	16°11	15°33	n.a.	S 24
S 25	17 53 47	27°36'20	2♌27	23°35	25°27	0♊14	22°42	19° 6	18° 7	25°33	20°22	17°40	16° 8	15°40	n.a.	S 25
M26	17 57 44	28°33'38	14°42	24°12	26°41	0°53	22°55	19°14	18°10	25°31	20°23	17°33	16° 5	15°46	n.a.	M26
T 27	18 1 41	29°30'57	27° 8	24°44	27°55	1°33	23° 9	19°21	18°13	25°30	20°24	17°28	16° 2	15°53	n.a.	T 27
W28	18 5 37	0♋28'17	9♍48	25°12	29° 9	2°13	23°22	19°29	18°15	25°29	20°25	17°24	15°59	16° 0	n.a.	W28
T 29	18 9 34	1°25'38	22°45	25°36	0♋23	2°52	23°35	19°37	18°18	25°28	20°26	17°22	15°56	16° 6	n.a.	T 29
F 30	18 13 30	2♋22'59	6♎ 1	25♋55	1♋37	3♊32	23♊49	19♊44	18♉21	25♏26	20♉27	17°D21	15♉52	16♊13	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n21	11n 1	4n47	25n33	1n56	19n11	0s18	16n16	0s 1	23n11	0n 4	22n21	0s38	16n52	0s13	18s 0	1n34	9n41	8s32	17n29	17n14	24n51		n.a.
F 2	21 31	5 6	4 8	25 34	1 54	19 31	0 16	16 28	0 1	23 13	0 4	22 22	0 38	16 53	0 13	18 0	1 34	9 42	8 32	17 29	17 13	24 53		n.a.
S 3	21 41	1s15	3 14	25 33	1 50	19 50	0 14	16 41	0n 0	23 14	0 4	22 23	0 38	16 54	0 13	17 59	1 34	9 42	8 32	17 29	17 12	24 54		n.a.
S 4	21 51	7 45	2 7	25 31	1 46	20 8	0 11	16 54	0 1	23 15	0 4	22 24	0 38	16 55	0 13	17 59	1 34	9 42	8 32	17 29	17 12	24 56		n.a.
M 5	22 0	14 2	0 49	25 26	1 42	20 26	0 9	17 6	0 1	23 16	0 4	22 25	0 38	16 56	0 13	17 59	1 34	9 43	8 32	17 30	17 11	24 57		n.a.
T 6	22 9	19 38	0s33	25 20	1 37	20 44	0 6	17 18	0 2	23 18	0 4	22 26	0 38	16 57	0 13	17 58	1 34	9 43	8 32	17 30	17 10	24 59		n.a.
W 7	22 17	24 2	1 54	25 12	1 31	21 1	0 4	17 30	0 3	23 19	0 4	22 27	0 38	16 58	0 13	17 58	1 34	9 43	8 32	17 29	17 9	25 1		n.a.
T 8	22 26	26 45	3 7	25 3	1 25	21 17	0 2	17 42	0 3	23 20	0 4	22 28	0 37	16 59	0 13	17 58	1 34	9 44	8 33	17 29	17 8	25 2		n.a.
F 9	22 33	27 28	4 7	24 52	1 19	21 33	0n 1	17 54	0 4	23 21	0 4	22 28	0 37	17 0	0 13	17 57	1 34	9 44	8 33	17 28	17 7	25 4		n.a.
S 10	22 41	26 10	4 48	24 40	1 11	21 48	0 3	18 6	0 4	23 23	0 4	22 29	0 37	17 1	0 13	17 57	1 34	9 44	8 33	17 27	17 6	25 5		n.a.
S 11	22 48	23 9	5 10	24 27	1 4	22 2	0 5	18 17	0 5	23 24	0 5	22 30	0 37	17 2	0 13	17 57	1 34	9 45	8 33	17 26	17 5	25 7		n.a.
M12	22 54	18 51	5 13	24 13	0 56	22 16	0 8	18 28	0 6	23 25	0 5	22 31	0 37	17 3	0 13	17 56	1 34	9 45	8 33	17 26	17 4	25 9		n.a.
T 13	23 0	13 43	4 58	23 58	0 47	22 30	0 10	18 40	0 6	23 26	0 5	22 32	0 37	17 4	0 13	17 56	1 34	9 45	8 33	17 25	17 3	25 10		n.a.
W14	23 6	8 7	4 27	23 42	0 38	22 42	0 13	18 51	0 7	23 27	0 5	22 33	0 37	17 5	0 13	17 56	1 34	9 46	8 33	17 25	17 2	25 12		n.a.
T 15	23 12	2 21	3 44	23 25	0 29	22 54	0 15	19 1	0 8	23 28	0 5	22 33	0 37	17 6	0 13	17 55	1 34	9 46	8 33	17 25	17 1	25 13		n.a.
F 16	23 17	3n23	2 51	23 7	0 19	23 6	0 17	19 12	0 8	23 29	0 5	22 34	0 37	17 6	0 13	17 55	1 34	9 46	8 33	17 26	17 1	25 15		n.a.
S 17	23 21	8 53	1 52	22 49	0 8	23 16	0 20	19 23	0 9	23 30	0 5	22 35	0 37	17 7	0 13	17 55	1 34	9 47	8 33	17 26	17 0	25 17		n.a.
S 18	23 25	13 59	0 49	22 30	0s 2	23 26	0 22	19 33	0 10	23 31	0 5	22 36	0 37	17 8	0 13	17 54	1 34	9 47	8 33	17 26	16 59	25 18		n.a.
M19	23 29	18 31	0n16	22 11	0 13	23 36	0 24	19 43	0 10	23 32	0 5	22 37	0 36	17 9	0 13	17 54	1 34	9 47	8 33	17 27	16 58	25 20		n.a.
T 20	23 32	22 18	1 20	21 52	0 25	23 44	0 26	19 53	0 11	23 33	0 5	22 37	0 36	17 10	0 13	17 54	1 34	9 47	8 33	17 26	16 57	25 21		n.a.
W21	23 35	25 10	2 20	21 32	0 36	23 52	0 29	20 3	0 12	23 34	0 6	22 38	0 36	17 11	0 13	17 53	1 34	9 48	8 33	17 25	16 56	25 23		n.a.
T 22	23 38	26 55	3 14	21 13	0 49	23 59	0 31	20 13	0 12	23 35	0 6	22 39	0 36	17 12	0 13	17 53	1 34	9 48	8 33	17 24	16 55	25 24		n.a.
F 23	23 40	27 27	4 0	20 53	1 1	24 6	0 33	20 22	0 13	23 36	0 6	22 40	0 36	17 13	0 13	17 53	1 34	9 48	8 33	17 23	16 54	25 26		n.a.
S 24	23 42	26 42	4 35	20 33	1 13	24 12	0 35	20 32	0 14	23 37	0 6	22 40	0 36	17 13	0 13	17 53	1 34	9 48	8 33	17 21	16 53	25 27		n.a.
S 25	23 43	24 42	4 59	20 14	1 26	24 17	0 37	20 41	0 14	23 38	0 6	22 41	0 36	17 14	0 13	17 52	1 33	9 49	8 33	17 19	16 52	25 29		n.a.
M26	23 44	21 32	5 9	19 55	1 39	24 21	0 39	20 50	0 15	23 39	0 6	22 42	0 36	17 15	0 13	17 52	1 33	9 49	8 33	17 17	16 51	25 30		n.a.
T 27	23 44	17 23	5 5	19 36	1 52	24 25	0 42	20 59	0 16	23 40	0 6	22 42	0 36	17 16	0 13	17 52	1 33	9 49	8 33	17 15	16 50	25 32		n.a.
W28	23 44	12 24	4 46	19 18	2 5	24 28	0 44	21 7	0 16	23 40	0 6	22 43	0 36	17 17	0 13	17 52	1 33	9 49	8 34	17 14	16 49	25 33		n.a.
T 29	23 44	6 46	4 13	19 1	2 19	24 30	0 46	21 16	0 17	23 41	0 6	22 44	0 36	17 17	0 13	17 51	1 33	9 49	8 34	17 13	16 49	25 35		n.a.
F 30	23n43	0n43	3n25	18n44	2s32	24n31	0n48	21n24	0n17	23n42	0n 6	22n45	0s36	17n18	0s13	17s51	1n33	9n50	8s34	17n13	16n48	25n36		n.a.

Julian Day Number = 1603233.5, Delta T = 03h57m51s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'22, Lahiri = - 8°25'21 Julian Calendar 1 June 324 BCE == Greg. Calendar 27 May 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

JULY 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 17 27	3♋20'20	19♎40	26♋ 9	2♋51	4♊11	24♊ 2	19♊52	18♉24	25°R25	20♉29	17♉22	15♉49	16♊20	n.a.	S 1
S 2	18 21 23	4°17'43	3♏42	26°19	4° 5	4°50	24°15	20° 0	18°26	25♏24	20°30	17°23	15°46	16°26	n.a.	S 2
M 3	18 25 20	5°15'06	18° 7	26°R23	5°19	5°30	24°29	20° 7	18°29	25°23	20°31	17°R24	15°43	16°33	n.a.	M 3
T 4	18 29 16	6°12'30	2♐54	26°23	6°33	6° 9	24°42	20°15	18°32	25°22	20°32	17°23	15°40	16°40	n.a.	T 4
W 5	18 33 13	7° 9'56	17°57	26°17	7°47	6°48	24°55	20°23	18°34	25°21	20°33	17°20	15°36	16°46	n.a.	W 5
T 6	18 37 10	8° 7'22	3♑ 7	26° 5	9° 1	7°27	25° 8	20°30	18°37	25°19	20°34	17°15	15°33	16°53	n.a.	T 6
F 7	18 41 6	9° 4'50	18°15	25°49	10°15	8° 6	25°21	20°38	18°40	25°18	20°35	17° 8	15°30	17° 0	n.a.	F 7
S 8	18 45 3	10° 2'18	3♒12	25°27	11°29	8°45	25°35	20°45	18°42	25°17	20°36	17° 0	15°27	17° 6	n.a.	S 8
S 9	18 48 59	10°59'48	17°48	25° 0	12°43	9°24	25°48	20°53	18°45	25°16	20°37	16°52	15°24	17°13	n.a.	S 9
M10	18 52 56	11°57'20	1♓57	24°28	13°57	10° 3	26° 1	21° 0	18°47	25°15	20°38	16°45	15°21	17°20	n.a.	M10
T 11	18 56 52	12°54'53	15°38	23°52	15°12	10°42	26°14	21° 8	18°49	25°14	20°39	16°40	15°17	17°26	n.a.	T 11
W12	19 0 49	13°52'27	28°49	23°11	16°26	11°21	26°27	21°15	18°52	25°13	20°40	16°37	15°14	17°33	n.a.	W12
T 13	19 4 46	14°50'03	11♈35	22°27	17°40	12° 0	26°40	21°23	18°54	25°13	20°40	16°D36	15°11	17°40	n.a.	T 13
F 14	19 8 42	15°47'41	23°59	21°40	18°54	12°39	26°53	21°30	18°56	25°12	20°41	16°36	15° 8	17°46	n.a.	F 14
S 15	19 12 39	16°45'20	6♉ 6	20°51	20° 9	13°17	27° 6	21°38	18°59	25°11	20°42	16°37	15° 5	17°53	n.a.	S 15
S 16	19 16 35	17°43'01	18° 2	20° 0	21°23	13°56	27°19	21°45	19° 1	25°10	20°43	16°R37	15° 2	18° 0	n.a.	S 16
M17	19 20 32	18°40'44	29°51	19° 9	22°37	14°35	27°32	21°52	19° 3	25° 9	20°44	16°36	14°58	18° 6	n.a.	M17
T 18	19 24 28	19°38'29	11♊39	18°19	23°51	15°13	27°45	21°59	19° 5	25° 8	20°45	16°33	14°55	18°13	n.a.	T 18
W19	19 28 25	20°36'15	23°27	17°30	25° 6	15°52	27°57	22° 7	19° 7	25° 8	20°46	16°28	14°52	18°20	n.a.	W19
T 20	19 32 21	21°34'03	5♋20	16°44	26°20	16°30	28°10	22°14	19° 9	25° 7	20°46	16°20	14°49	18°26	n.a.	T 20
F 21	19 36 18	22°31'52	17°20	16° 1	27°34	17° 9	28°23	22°21	19°11	25° 6	20°47	16° 9	14°46	18°33	n.a.	F 21
S 22	19 40 15	23°29'43	29°29	15°23	28°49	17°47	28°36	22°28	19°13	25° 6	20°48	15°57	14°42	18°40	n.a.	S 22
S 23	19 44 11	24°27'36	11♌46	14°51	0♌ 3	18°25	28°48	22°35	19°15	25° 5	20°49	15°45	14°39	18°46	n.a.	S 23
M24	19 48 8	25°25'30	24°14	14°24	1°18	19° 4	29° 1	22°42	19°17	25° 4	20°49	15°33	14°36	18°53	n.a.	M24
T 25	19 52 4	26°23'26	6♍53	14° 4	2°32	19°42	29°14	22°49	19°19	25° 4	20°50	15°23	14°33	19° 0	n.a.	T 25
W26	19 56 1	27°21'23	19°43	13°52	3°46	20°20	29°26	22°56	19°21	25° 3	20°51	15°16	14°30	19° 6	n.a.	W26
T 27	19 59 57	28°19'21	2♎46	13°D47	5° 1	20°58	29°39	23° 3	19°23	25° 3	20°51	15°11	14°27	19°13	n.a.	T 27
F 28	20 3 54	29°17'21	16° 4	13°50	6°15	21°36	29°51	23°10	19°24	25° 2	20°52	15° 8	14°23	19°20	n.a.	F 28
S 29	20 7 50	0♌15'22	29°38	14° 1	7°30	22°15	0♋ 4	23°17	19°26	25° 2	20°53	15°D 8	14°20	19°26	n.a.	S 29
S 30	20 11 47	1°13'25	13♏31	14°21	8°44	22°53	0°16	23°23	19°28	25° 1	20°53	15°R 8	14°17	19°33	n.a.	S 30
M31	20 15 44	2♌11'30	27♏42	14♋49	9♌59	23♊30	0♋28	23♊30	19♉29	25♏ 1	20♉54	15♉ 7	14♉14	19♊40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n42	5s34	2n24	18n29	2s45	24n32	0n49	21n32	0n18	23n43	0n 7	22n45	0s36	17n19	0s13	17s51	1n33	9n50	8s34	17n14	16n47	25n38		n.a.
S 2	23 40	11 45	1 13	18 14	2 58	24 32	0 51	21 40	0 19	23 43	0 7	22 46	0 35	17 20	0 13	17 51	1 33	9 50	8 34	17 14	16 46	25 39		n.a.
M 3	23 38	17 30	0s 4	18 1	3 11	24 31	0 53	21 48	0 19	23 44	0 7	22 46	0 35	17 20	0 13	17 50	1 33	9 50	8 34	17 14	16 45	25 41		n.a.
T 4	23 35	22 21	1 23	17 49	3 23	24 29	0 55	21 56	0 20	23 45	0 7	22 47	0 35	17 21	0 13	17 50	1 33	9 50	8 34	17 14	16 44	25 42		n.a.
W 5	23 32	25 47	2 37	17 38	3 35	24 27	0 57	22 3	0 21	23 45	0 7	22 48	0 35	17 22	0 13	17 50	1 33	9 51	8 34	17 13	16 43	25 43		n.a.
T 6	23 29	27 23	3 41	17 29	3 46	24 24	0 59	22 11	0 21	23 46	0 7	22 48	0 35	17 23	0 13	17 50	1 33	9 51	8 34	17 12	16 42	25 45		n.a.
F 7	23 25	26 54	4 29	17 22	3 57	24 20	1 0	22 18	0 22	23 46	0 7	22 49	0 35	17 23	0 13	17 49	1 33	9 51	8 34	17 10	16 41	25 46		n.a.
S 8	23 21	24 30	4 57	17 16	4 7	24 16	1 2	22 25	0 23	23 47	0 7	22 50	0 35	17 24	0 13	17 49	1 33	9 51	8 34	17 7	16 40	25 48		n.a.
S 9	23 16	20 32	5 6	17 12	4 16	24 10	1 4	22 31	0 23	23 48	0 7	22 50	0 35	17 25	0 13	17 49	1 33	9 51	8 34	17 5	16 39	25 49		n.a.
M10	23 11	15 30	4 56	17 10	4 23	24 4	1 5	22 38	0 24	23 48	0 8	22 51	0 35	17 25	0 13	17 49	1 33	9 51	8 35	17 3	16 38	25 50		n.a.
T 11	23 6	9 51	4 28	17 10	4 30	23 58	1 7	22 44	0 25	23 49	0 8	22 51	0 35	17 26	0 13	17 49	1 33	9 52	8 35	17 2	16 37	25 52		n.a.
W12	23 0	3 57	3 47	17 12	4 35	23 50	1 8	22 50	0 25	23 49	0 8	22 52	0 35	17 27	0 13	17 48	1 33	9 52	8 35	17 1	16 36	25 53		n.a.
T 13	22 54	1n56	2 56	17 16	4 38	23 42	1 9	22 56	0 26	23 49	0 8	22 52	0 35	17 27	0 13	17 48	1 33	9 52	8 35	17 0	16 35	25 55		n.a.
F 14	22 47	7 35	1 58	17 22	4 40	23 33	1 11	23 2	0 27	23 50	0 8	22 53	0 35	17 28	0 13	17 48	1 33	9 52	8 35	17 0	16 35	25 56		n.a.
S 15	22 40	12 50	0 56	17 29	4 40	23 24	1 12	23 8	0 27	23 50	0 8	22 54	0 35	17 29	0 13	17 48	1 33	9 52	8 35	17 1	16 34	25 57		n.a.
S 16	22 33	17 32	0n 8	17 39	4 38	23 13	1 13	23 13	0 28	23 51	0 8	22 54	0 35	17 29	0 13	17 48	1 33	9 52	8 35	17 1	16 33	25 59		n.a.
M17	22 25	21 31	1 10	17 50	4 34	23 2	1 15	23 18	0 29	23 51	0 8	22 55	0 34	17 30	0 13	17 48	1 32	9 52	8 35	17 0	16 32	26 0		n.a.
T 18	22 17	24 36	2 9	18 2	4 28	22 50	1 16	23 24	0 29	23 51	0 8	22 55	0 34	17 30	0 13	17 48	1 32	9 52	8 35	17 0	16 31	26 1		n.a.
W19	22 8	26 37	3 3	18 16	4 21	22 38	1 17	23 28	0 30	23 52	0 9	22 56	0 34	17 31	0 13	17 47	1 32	9 52	8 36	16 58	16 30	26 3		n.a.
T 20	21 59	27 26	3 49	18 31	4 11	22 25	1 18	23 33	0 31	23 52	0 9	22 56	0 34	17 32	0 13	17 47	1 32	9 53	8 36	16 56	16 29	26 4		n.a.
F 21	21 50	26 59	4 25	18 47	4 0	22 11	1 19	23 38	0 31	23 52	0 9	22 57	0 34	17 32	0 13	17 47	1 32	9 53	8 36	16 53	16 28	26 5		n.a.
S 22	21 40	25 14	4 50	19 4	3 48	21 57	1 20	23 42	0 32	23 53	0 9	22 57	0 34	17 33	0 13	17 47	1 32	9 53	8 36	16 49	16 27	26 7		n.a.
S 23	21 30	22 17	5 1	19 21	3 34	21 42	1 20	23 46	0 33	23 53	0 9	22 58	0 34	17 33	0 13	17 47	1 32	9 53	8 36	16 45	16 26	26 8		n.a.
M24	21 19	18 17	4 58	19 39	3 19	21 26	1 21	23 50	0 33	23 53	0 9	22 58	0 34	17 34	0 13	17 47	1 32	9 53	8 36	16 42	16 25	26 9		n.a.
T 25	21 8	13 26	4 41	19 57	3 3	21 10	1 22	23 54	0 34	23 53	0 9	22 58	0 34	17 34	0 13	17 47	1 32	9 53	8 36	16 39	16 24	26 11		n.a.
W26	20 57	7 56	4 10	20 15	2 46	20 53	1 23	23 57	0 35	23 53	0 9	22 59	0 34	17 35	0 13	17 47	1 32	9 53	8 36	16 37	16 23	26 12		n.a.
T 27	20 45	2 0	3 25	20 32	2 29	20 36	1 23	24 1	0 35	23 54	0 9	22 59	0 34	17 35	0 13	17 47	1 32	9 53	8 37	16 35	16 22	26 13		n.a.
F 28	20 33	4s 8	2 28	20 49	2 12	20 17	1 24	24 4	0 36	23 54	0 10	23 0	0 34	17 36	0 13	17 47	1 32	9 53	8 37	16 35	16 21	26 15		n.a.
S 29	20 21	10 13	1 21	21 6	1 54	19 59	1 24	24 7	0 37	23 54	0 10	23 0	0 34	17 36	0 13	17 46	1 32	9 53	8 37	16 34	16 20	26 16		n.a.
S 30	20 8	15 57	0 9	21 21	1 36	19 40	1 25	24 10	0 37	23 54	0 10	23 0	0 34	17 37	0 13	17 46	1 32	9 53	8 37	16 35	16 19	26 17		n.a.
M31	19n55	20s58	1s 6	21n36	1s19	19n20	1n25	24n13	0n38	23n54	0n10	23n 1	0s34	17n37	0s13	17s46	1n32	9n53	8s37	16n34	16n18	26n18		n.a.

Julian Day Number = 1603263.5, Delta T = 03h57m50s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'18, Lahiri = - 8°25'17 Julian Calendar 1 July 324 BCE == Greg. Calendar 26 June 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

AUGUST 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 19 40	3♌ 9'36	12♐11	15♋25	11♌13	24♊ 8	0♋40	23♊37	19♉31	25°R 1	20♉54	15°R 5	14♉11	19♊46	n.a.	T 1
W 2	20 23 37	4° 7'43	26°55	16° 9	12°28	24°46	0°53	23°43	19°32	25♏ 0	20°55	15♉ 1	14° 8	19°53	n.a.	W 2
T 3	20 27 33	5° 5'52	11♑48	17° 0	13°42	25°24	1° 5	23°50	19°34	25° 0	20°55	14°53	14° 4	20° 0	n.a.	T 3
F 4	20 31 30	6° 4'03	26°42	17°59	14°57	26° 2	1°17	23°56	19°35	25° 0	20°56	14°44	14° 1	20° 6	n.a.	F 4
S 5	20 35 26	7° 2'16	11♒29	19° 5	16°11	26°39	1°29	24° 3	19°36	24°59	20°56	14°33	13°58	20°13	n.a.	S 5
S 6	20 39 23	8° 0'31	26° 0	20°18	17°26	27°17	1°41	24° 9	19°38	24°59	20°57	14°21	13°55	20°20	n.a.	S 6
M 7	20 43 19	8°58'47	10♓ 8	21°36	18°40	27°55	1°53	24°16	19°39	24°59	20°57	14°11	13°52	20°26	n.a.	M 7
T 8	20 47 16	9°57'05	23°50	23° 0	19°55	28°32	2° 5	24°22	19°40	24°59	20°58	14° 3	13°48	20°33	n.a.	T 8
W 9	20 51 13	10°55'26	7♈ 4	24°29	21° 9	29°10	2°16	24°28	19°41	24°59	20°58	13°57	13°45	20°40	n.a.	W 9
T 10	20 55 9	11°53'49	19°53	26° 3	22°24	29°47	2°28	24°34	19°42	24°59	20°58	13°54	13°42	20°46	n.a.	T 10
F 11	20 59 6	12°52'14	2♉18	27°40	23°38	0♋25	2°40	24°40	19°43	24°59	20°59	13°53	13°39	20°53	n.a.	F 11
S 12	21 3 2	13°50'41	14°27	29°21	24°53	1° 2	2°51	24°46	19°44	24°D59	20°59	13°52	13°36	21° 0	n.a.	S 12
S 13	21 6 59	14°49'11	26°23	1♌ 5	26° 7	1°39	3° 3	24°52	19°45	24°59	20°59	13°52	13°33	21° 6	n.a.	S 13
M14	21 10 55	15°47'43	8♊13	2°51	27°22	2°17	3°14	24°58	19°46	24°59	21° 0	13°51	13°29	21°13	n.a.	M14
T 15	21 14 52	16°46'17	20° 1	4°39	28°37	2°54	3°26	25° 4	19°47	24°59	21° 0	13°47	13°26	21°20	n.a.	T 15
W16	21 18 48	17°44'53	1♋53	6°28	29°51	3°31	3°37	25°10	19°48	24°59	21° 0	13°41	13°23	21°26	n.a.	W16
T 17	21 22 45	18°43'32	13°51	8°19	1♍ 6	4° 8	3°48	25°16	19°48	24°59	21° 0	13°32	13°20	21°33	n.a.	T 17
F 18	21 26 41	19°42'13	25°59	10°10	2°20	4°45	3°59	25°21	19°49	24°59	21° 1	13°21	13°17	21°40	n.a.	F 18
S 19	21 30 38	20°40'56	8♌20	12° 2	3°35	5°22	4°10	25°27	19°50	25° 0	21° 1	13° 8	13°13	21°46	n.a.	S 19
S 20	21 34 35	21°39'41	20°52	13°54	4°50	5°59	4°21	25°32	19°50	25° 0	21° 1	12°54	13°10	21°53	n.a.	S 20
M21	21 38 31	22°38'29	3♍38	15°46	6° 4	6°36	4°32	25°38	19°51	25° 0	21° 1	12°41	13° 7	22° 0	n.a.	M21
T 22	21 42 28	23°37'18	16°35	17°37	7°19	7°13	4°43	25°43	19°51	25° 0	21° 1	12°30	13° 4	22° 6	n.a.	T 22
W23	21 46 24	24°36'09	29°44	19°29	8°33	7°50	4°54	25°49	19°52	25° 1	21° 1	12°22	13° 1	22°13	n.a.	W23
T 24	21 50 21	25°35'02	13♎ 4	21°20	9°48	8°26	5° 4	25°54	19°52	25° 1	21° 1	12°16	12°58	22°20	n.a.	T 24
F 25	21 54 17	26°33'57	26°34	23°10	11° 3	9° 3	5°15	25°59	19°53	25° 2	21° 1	12°13	12°54	22°26	n.a.	F 25
S 26	21 58 14	27°32'54	10♏15	25° 0	12°17	9°40	5°25	26° 4	19°53	25° 2	21°R 1	12°D12	12°51	22°33	n.a.	S 26
S 27	22 2 10	28°31'53	24° 7	26°49	13°32	10°16	5°36	26° 9	19°53	25° 2	21° 1	12°R13	12°48	22°40	n.a.	S 27
M28	22 6 7	29°30'53	8♐10	28°38	14°47	10°53	5°46	26°14	19°53	25° 3	21° 1	12°12	12°45	22°47	n.a.	M28
T 29	22 10 4	0♍29'56	22°23	0♍25	16° 1	11°29	5°56	26°19	19°53	25° 4	21° 1	12°11	12°42	22°53	n.a.	T 29
W30	22 14 0	1°29'00	6♑46	2°12	17°16	12° 5	6° 6	26°23	19°53	25° 4	21° 1	12° 7	12°39	23° 0	n.a.	W30
T 31	22 17 57	2♍28'07	21♑15	3♍58	18♍30	12♋42	6♋16	26♊28	19°R53	25♏ 5	21♉ 1	12♉ 0	12♉35	23♊ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19n42	24s49	2s18	21n49	1s 2	18n59	1n25	24n15	0n39	23n54	0n10	23n 1	0s34	17n37	0s13	17s46	1n32	9n53	8s37	16n34	16n17	26n20			n.a.
W 2	19 28	27 4	3 22	22 0	0 45	18 38	1 25	24 17	0 40	23 54	0 10	23 2	0 34	17 38	0 13	17 46	1 32	9 53	8 37	16 32	16 17	26 21			n.a.
T 3	19 14	27 24	4 12	22 10	0 29	18 17	1 26	24 19	0 40	23 54	0 10	23 2	0 33	17 38	0 13	17 46	1 32	9 53	8 38	16 30	16 16	26 22			n.a.
F 4	18 59	25 45	4 46	22 18	0 13	17 55	1 26	24 21	0 41	23 54	0 10	23 2	0 33	17 39	0 13	17 46	1 32	9 53	8 38	16 27	16 15	26 23			n.a.
S 5	18 45	22 21	5 0	22 23	0n 2	17 33	1 26	24 23	0 42	23 54	0 11	23 3	0 33	17 39	0 13	17 46	1 31	9 53	8 38	16 24	16 14	26 25			n.a.
S 6	18 29	17 37	4 54	22 26	0 16	17 10	1 26	24 25	0 42	23 54	0 11	23 3	0 33	17 39	0 13	17 46	1 31	9 53	8 38	16 21	16 13	26 26			n.a.
M 7	18 14	12 2	4 31	22 27	0 29	16 46	1 26	24 26	0 43	23 54	0 11	23 3	0 33	17 40	0 13	17 46	1 31	9 53	8 38	16 18	16 12	26 27			n.a.
T 8	17 58	6 1	3 52	22 25	0 41	16 22	1 25	24 27	0 44	23 54	0 11	23 4	0 33	17 40	0 13	17 46	1 31	9 53	8 38	16 15	16 11	26 28			n.a.
W 9	17 42	0n 4	3 1	22 20	0 52	15 58	1 25	24 28	0 44	23 54	0 11	23 4	0 33	17 40	0 13	17 46	1 31	9 53	8 38	16 13	16 10	26 29			n.a.
T 10	17 26	5 58	2 3	22 13	1 2	15 33	1 25	24 29	0 45	23 54	0 11	23 4	0 33	17 41	0 13	17 46	1 31	9 53	8 39	16 12	16 9	26 31			n.a.
F 11	17 9	11 28	1 1	22 3	1 11	15 8	1 24	24 30	0 46	23 54	0 11	23 5	0 33	17 41	0 13	17 46	1 31	9 53	8 39	16 12	16 8	26 32			n.a.
S 12	16 53	16 25	0n 3	21 50	1 19	14 42	1 24	24 30	0 46	23 54	0 11	23 5	0 33	17 41	0 13	17 47	1 31	9 53	8 39	16 12	16 7	26 33			n.a.
S 13	16 35	20 39	1 6	21 34	1 26	14 16	1 23	24 31	0 47	23 54	0 12	23 5	0 33	17 41	0 13	17 47	1 31	9 53	8 39	16 12	16 6	26 34			n.a.
M14	16 18	24 0	2 5	21 16	1 32	13 50	1 23	24 31	0 48	23 53	0 12	23 5	0 33	17 42	0 13	17 47	1 31	9 53	8 39	16 11	16 5	26 35			n.a.
T 15	16 0	26 20	2 59	20 55	1 37	13 23	1 22	24 31	0 48	23 53	0 12	23 6	0 33	17 42	0 13	17 47	1 31	9 53	8 39	16 10	16 4	26 36			n.a.
W16	15 42	27 28	3 45	20 31	1 41	12 56	1 22	24 31	0 49	23 53	0 12	23 6	0 33	17 42	0 13	17 47	1 31	9 52	8 39	16 9	16 3	26 38			n.a.
T 17	15 24	27 20	4 21	20 6	1 45	12 28	1 21	24 30	0 50	23 53	0 12	23 6	0 33	17 42	0 13	17 47	1 31	9 52	8 40	16 6	16 2	26 39			n.a.
F 18	15 5	25 54	4 47	19 38	1 47	12 1	1 20	24 30	0 51	23 53	0 12	23 6	0 33	17 43	0 13	17 47	1 31	9 52	8 40	16 2	16 1	26 40			n.a.
S 19	14 47	23 13	4 59	19 8	1 49	11 32	1 19	24 29	0 51	23 52	0 12	23 7	0 33	17 43	0 13	17 47	1 31	9 52	8 40	15 58	16 0	26 41			n.a.
S 20	14 28	19 24	4 57	18 37	1 50	11 4	1 18	24 28	0 52	23 52	0 12	23 7	0 33	17 43	0 13	17 47	1 31	9 52	8 40	15 54	15 59	26 42			n.a.
M21	14 8	14 39	4 41	18 3	1 50	10 35	1 17	24 27	0 53	23 52	0 13	23 7	0 33	17 43	0 13	17 47	1 31	9 52	8 40	15 50	15 58	26 43			n.a.
T 22	13 49	9 11	4 9	17 29	1 50	10 6	1 16	24 26	0 53	23 52	0 13	23 7	0 33	17 43	0 13	17 48	1 30	9 52	8 40	15 47	15 57	26 44			n.a.
W23	13 29	3 14	3 24	16 52	1 49	9 37	1 15	24 24	0 54	23 51	0 13	23 8	0 33	17 43	0 13	17 48	1 30	9 52	8 40	15 44	15 56	26 45			n.a.
T 24	13 9	2s57	2 28	16 15	1 47	9 7	1 14	24 23	0 55	23 51	0 13	23 8	0 32	17 43	0 13	17 48	1 30	9 52	8 41	15 42	15 55	26 46			n.a.
F 25	12 49	9 6	1 22	15 36	1 45	8 38	1 12	24 21	0 56	23 51	0 13	23 8	0 32	17 43	0 13	17 48	1 30	9 51	8 41	15 42	15 54	26 48			n.a.
S 26	12 28	14 55	0 10	14 57	1 42	8 8	1 11	24 19	0 56	23 51	0 13	23 8	0 32	17 44	0 13	17 48	1 30	9 51	8 41	15 41	15 53	26 49			n.a.
S 27	12 8	20 3	1s 3	14 16	1 39	7 37	1 10	24 17	0 57	23 50	0 13	23 8	0 32	17 44	0 13	17 48	1 30	9 51	8 41	15 41	15 52	26 50			n.a.
M28	11 47	24 8	2 13	13 35	1 36	7 7	1 8	24 15	0 58	23 50	0 14	23 9	0 32	17 44	0 13	17 48	1 30	9 51	8 41	15 41	15 51	26 51			n.a.
T 29	11 26	26 47	3 16	12 53	1 32	6 36	1 7	24 12	0 58	23 50	0 14	23 9	0 32	17 44	0 13	17 49	1 30	9 51	8 41	15 41	15 50	26 52			n.a.
W30	11 5	27 41	4 7	12 11	1 27	6 5	1 5	24 10	0 59	23 49	0 14	23 9	0 32	17 44	0 13	17 49	1 30	9 51	8 41	15 40	15 49	26 53			n.a.
T 31	10n43	26s41	4s43	11n28	1n23	5n34	1n 4	24n 7	1n 0	23n49	0n14	23n 9	0s32	17n44	0s13	17s49	1n30	9n51	8s42	15n37	15n48	26n54			n.a.

Julian Day Number = 1603294.5, Delta T = 03h57m49s
Ecliptic obliquity = 23°44'10, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'14, Lahiri = - 8°25'13 Julian Calendar 1 Aug. 324 BCE == Greg. Calendar 27 July 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

SEPTEMBER 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 21 53	3♍27'15	5♒45	5♍43	19♍45	13♋18	6♋26	26♊33	19°R53	25♏ 5	21°R 1	11°R51	12♉32	23♊13	n.a.	F 1
S 2	22 25 50	4°26'25	20° 9	7°27	21° 0	13°54	6°36	26°37	19♉53	25° 6	21♉ 1	11♉41	12°29	23°20	n.a.	S 2
S 3	22 29 46	5°25'37	4♓21	9°11	22°14	14°30	6°45	26°41	19°53	25° 7	21° 1	11°30	12°26	23°27	n.a.	S 3
M 4	22 33 43	6°24'51	18°15	10°53	23°29	15° 6	6°55	26°46	19°53	25° 8	21° 0	11°20	12°23	23°33	n.a.	M 4
T 5	22 37 39	7°24'08	1♈49	12°35	24°43	15°42	7° 4	26°50	19°53	25° 8	21° 0	11°12	12°19	23°40	n.a.	T 5
W 6	22 41 36	8°23'27	14°58	14°16	25°58	16°18	7°14	26°54	19°52	25° 9	21° 0	11° 7	12°16	23°47	n.a.	W 6
T 7	22 45 33	9°22'48	27°46	15°56	27°13	16°54	7°23	26°58	19°52	25°10	21° 0	11° 4	12°13	23°53	n.a.	T 7
F 8	22 49 29	10°22'11	10♉12	17°35	28°27	17°30	7°32	27° 2	19°52	25°11	20°59	11°D 3	12°10	24° 0	n.a.	F 8
S 9	22 53 26	11°21'37	22°22	19°14	29°42	18° 6	7°41	27° 6	19°51	25°12	20°59	11° 3	12° 7	24° 7	n.a.	S 9
S 10	22 57 22	12°21'05	4♊20	20°52	0♎56	18°42	7°50	27°10	19°51	25°13	20°59	11° 4	12° 4	24°13	n.a.	S 10
M11	23 1 19	13°20'36	16°11	22°29	2°11	19°17	7°59	27°13	19°50	25°14	20°59	11°R 4	12° 0	24°20	n.a.	M11
T 12	23 5 15	14°20'09	28° 1	24° 5	3°26	19°53	8° 7	27°17	19°50	25°15	20°58	11° 3	11°57	24°27	n.a.	T 12
W13	23 9 12	15°19'45	9♋54	25°41	4°40	20°28	8°16	27°20	19°49	25°16	20°58	11° 0	11°54	24°33	n.a.	W13
T 14	23 13 8	16°19'23	21°56	27°16	5°55	21° 4	8°24	27°24	19°48	25°17	20°57	10°54	11°51	24°40	n.a.	T 14
F 15	23 17 5	17°19'03	4♌10	28°50	7° 9	21°39	8°32	27°27	19°47	25°18	20°57	10°47	11°48	24°47	n.a.	F 15
S 16	23 21 1	18°18'45	16°39	0♎24	8°24	22°15	8°41	27°30	19°47	25°19	20°57	10°38	11°45	24°53	n.a.	S 16
S 17	23 24 58	19°18'30	29°25	1°57	9°38	22°50	8°49	27°33	19°46	25°20	20°56	10°28	11°41	25° 0	n.a.	S 17
M18	23 28 55	20°18'17	12♍28	3°29	10°53	23°25	8°56	27°36	19°45	25°21	20°56	10°19	11°38	25° 7	n.a.	M18
T 19	23 32 51	21°18'06	25°47	5° 1	12° 8	24° 0	9° 4	27°39	19°44	25°22	20°55	10°11	11°35	25°14	n.a.	T 19
W20	23 36 48	22°17'57	9♎20	6°32	13°22	24°35	9°12	27°42	19°43	25°24	20°55	10° 5	11°32	25°20	n.a.	W20
T 21	23 40 44	23°17'50	23° 4	8° 3	14°37	25°10	9°19	27°45	19°42	25°25	20°54	10° 2	11°29	25°27	n.a.	T 21
F 22	23 44 41	24°17'45	6♏57	9°33	15°51	25°45	9°27	27°47	19°41	25°26	20°53	10°D 0	11°25	25°34	n.a.	F 22
S 23	23 48 37	25°17'42	20°57	11° 2	17° 6	26°20	9°34	27°50	19°40	25°28	20°53	10° 1	11°22	25°40	n.a.	S 23
S 24	23 52 34	26°17'41	5♐ 1	12°31	18°20	26°54	9°41	27°52	19°38	25°29	20°52	10° 2	11°19	25°47	n.a.	S 24
M25	23 56 30	27°17'41	19° 8	13°59	19°35	27°29	9°48	27°54	19°37	25°30	20°52	10° 3	11°16	25°54	n.a.	M25
T 26	0 0 27	28°17'43	3♑17	15°27	20°49	28° 4	9°54	27°56	19°36	25°32	20°51	10°R 3	11°13	26° 0	n.a.	T 26
W27	0 4 24	29°17'47	17°26	16°53	22° 4	28°38	10° 1	27°58	19°34	25°33	20°50	10° 2	11°10	26° 7	n.a.	W27
T 28	0 8 20	0♎17'53	1♒34	18°20	23°18	29°13	10° 8	28° 0	19°33	25°35	20°50	9°58	11° 6	26°14	n.a.	T 28
F 29	0 12 17	1°18'00	15°37	19°45	24°33	29°47	10°14	28° 2	19°32	25°36	20°49	9°53	11° 3	26°20	n.a.	F 29
S 30	0 16 13	2♎18'09	29♒32	21♎10	25♎47	0♌21	10♋20	28♊ 4	19♉30	25♏38	20♉48	9♉47	11♉ 0	26♊27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n22	23s55	5s 1	10n44	1n18	5n 3	1n 2	24n 4	1n 1	23n49	0n14	23n 9	0s32	17n44	0s13	17s49	1n30	9n50	8s42	15n35	15n47	26n55		n.a.
S 2	10 0	19 40	4 59	10 0	1 13	4 32	1 0	24 1	1 1	23 48	0 14	23 9	0 32	17 44	0 13	17 50	1 30	9 50	8 42	15 31	15 46	26 56		n.a.
S 3	9 38	14 21	4 39	9 16	1 8	4 0	0 58	23 58	1 2	23 48	0 14	23 10	0 32	17 44	0 13	17 50	1 30	9 50	8 42	15 28	15 46	26 57		n.a.
M 4	9 16	8 25	4 3	8 32	1 2	3 29	0 57	23 55	1 3	23 48	0 14	23 10	0 32	17 44	0 13	17 50	1 30	9 50	8 42	15 25	15 45	26 58		n.a.
T 5	8 54	2 13	3 13	7 47	0 56	2 57	0 55	23 51	1 4	23 47	0 15	23 10	0 32	17 43	0 13	17 50	1 30	9 50	8 42	15 23	15 44	26 59		n.a.
W 6	8 31	3n54	2 14	7 2	0 50	2 26	0 53	23 47	1 4	23 47	0 15	23 10	0 32	17 43	0 13	17 50	1 30	9 49	8 42	15 21	15 43	27 0		n.a.
T 7	8 9	9 43	1 10	6 18	0 44	1 54	0 51	23 44	1 5	23 47	0 15	23 10	0 32	17 43	0 13	17 51	1 30	9 49	8 43	15 20	15 42	27 1		n.a.
F 8	7 46	14 59	0 4	5 33	0 38	1 22	0 49	23 40	1 6	23 46	0 15	23 10	0 32	17 43	0 13	17 51	1 29	9 49	8 43	15 20	15 41	27 2		n.a.
S 9	7 24	19 34	1n 0	4 48	0 32	0 50	0 47	23 36	1 7	23 46	0 15	23 10	0 32	17 43	0 13	17 51	1 29	9 49	8 43	15 20	15 40	27 3		n.a.
S 10	7 1	23 16	2 1	4 3	0 25	0 18	0 45	23 31	1 7	23 45	0 15	23 11	0 32	17 43	0 13	17 52	1 29	9 49	8 43	15 20	15 39	27 4		n.a.
M11	6 38	25 56	2 57	3 18	0 19	0s14	0 42	23 27	1 8	23 45	0 16	23 11	0 32	17 43	0 13	17 52	1 29	9 48	8 43	15 20	15 38	27 5		n.a.
T 12	6 14	27 28	3 44	2 34	0 12	0 46	0 40	23 23	1 9	23 45	0 16	23 11	0 32	17 43	0 13	17 52	1 29	9 48	8 43	15 20	15 37	27 6		n.a.
W13	5 51	27 43	4 23	1 49	0 5	1 18	0 38	23 18	1 10	23 44	0 16	23 11	0 32	17 42	0 13	17 52	1 29	9 48	8 43	15 19	15 36	27 7		n.a.
T 14	5 28	26 41	4 50	1 5	0s 2	1 50	0 36	23 13	1 10	23 44	0 16	23 11	0 32	17 42	0 13	17 53	1 29	9 48	8 44	15 17	15 35	27 8		n.a.
F 15	5 4	24 22	5 4	0 20	0 8	2 22	0 33	23 8	1 11	23 44	0 16	23 11	0 32	17 42	0 13	17 53	1 29	9 47	8 44	15 15	15 34	27 9		n.a.
S 16	4 41	20 52	5 4	0s24	0 15	2 54	0 31	23 3	1 12	23 43	0 16	23 11	0 32	17 42	0 13	17 53	1 29	9 47	8 44	15 12	15 33	27 9		n.a.
S 17	4 17	16 19	4 50	1 7	0 22	3 26	0 29	22 58	1 13	23 43	0 16	23 11	0 31	17 42	0 13	17 54	1 29	9 47	8 44	15 9	15 32	27 10		n.a.
M18	3 53	10 57	4 20	1 51	0 29	3 57	0 26	22 53	1 13	23 42	0 17	23 11	0 31	17 41	0 13	17 54	1 29	9 47	8 44	15 6	15 31	27 11		n.a.
T 19	3 29	4 59	3 35	2 34	0 36	4 29	0 24	22 48	1 14	23 42	0 17	23 12	0 31	17 41	0 13	17 54	1 29	9 47	8 44	15 3	15 30	27 12		n.a.
W20	3 6	1s20	2 38	3 17	0 43	5 1	0 21	22 42	1 15	23 42	0 17	23 12	0 31	17 41	0 13	17 55	1 29	9 46	8 44	15 1	15 29	27 13		n.a.
T 21	2 42	7 41	1 30	3 59	0 50	5 32	0 19	22 36	1 16	23 41	0 17	23 12	0 31	17 40	0 13	17 55	1 29	9 46	8 44	15 0	15 28	27 14		n.a.
F 22	2 18	13 45	0 16	4 41	0 56	6 4	0 16	22 31	1 17	23 41	0 17	23 12	0 31	17 40	0 13	17 55	1 29	9 46	8 45	15 0	15 27	27 15		n.a.
S 23	1 54	19 10	0s59	5 23	1 3	6 35	0 14	22 25	1 17	23 41	0 17	23 12	0 31	17 40	0 13	17 56	1 29	9 45	8 45	15 0	15 26	27 16		n.a.
S 24	1 29	23 33	2 11	6 4	1 10	7 6	0 11	22 19	1 18	23 40	0 18	23 12	0 31	17 40	0 13	17 56	1 29	9 45	8 45	15 0	15 25	27 17		n.a.
M25	1 5	26 32	3 16	6 45	1 16	7 37	0 9	22 13	1 19	23 40	0 18	23 12	0 31	17 39	0 13	17 57	1 29	9 45	8 45	15 1	15 24	27 17		n.a.
T 26	0 41	27 50	4 9	7 25	1 23	8 8	0 6	22 6	1 20	23 40	0 18	23 12	0 31	17 39	0 13	17 57	1 29	9 45	8 45	15 1	15 23	27 18		n.a.
W27	0 17	27 19	4 46	8 5	1 29	8 39	0 3	22 0	1 21	23 39	0 18	23 12	0 31	17 38	0 13	17 57	1 28	9 44	8 45	15 0	15 22	27 19		n.a.
T 28	0s 7	25 2	5 7	8 44	1 35	9 9	0 1	21 54	1 21	23 39	0 18	23 12	0 31	17 38	0 13	17 58	1 28	9 44	8 45	14 59	15 21	27 20		n.a.
F 29	0 31	21 15	5 9	9 23	1 41	9 39	0s 2	21 47	1 22	23 39	0 18	23 12	0 31	17 38	0 13	17 58	1 28	9 44	8 45	14 58	15 20	27 21		n.a.
S 30	0s56	16s19	4s52	10s 0	1s47	10s 9	0s 5	21n41	1n23	23n38	0n19	23n12	0s31	17n37	0s13	17s59	1n28	9n44	8s45	14n56	15n19	27n22		n.a.

Julian Day Number = 1603325.5, Delta T = 03h57m47s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'09, Lahiri = - 8°25'09 Julian Calendar 1 Sept. 324 BCE == Greg. Calendar 27 Aug. 324 BCE

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

OCTOBER 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 20 10	3♎18'19	13♓17	22♎34	27♎ 2	0♌55	10♋26	28♊ 6	19°R29	25♏39	20°R48	9°R41	10♉57	26♊34	n.a.	S 1
M 2	0 24 6	4°18'31	26°48	23°57	28°16	1°29	10°32	28° 7	19♉27	25°41	20♉47	9♉36	10°54	26°40	n.a.	M 2
T 3	0 28 3	5°18'46	10♈ 2	25°19	29°31	2° 3	10°37	28° 8	19°26	25°42	20°46	9°31	10°50	26°47	n.a.	T 3
W 4	0 31 59	6°19'02	22°59	26°40	0♏45	2°37	10°43	28°10	19°24	25°44	20°45	9°28	10°47	26°54	n.a.	W 4
T 5	0 35 56	7°19'20	5♉38	28° 1	1°59	3°11	10°48	28°11	19°22	25°45	20°44	9°D27	10°44	27° 0	n.a.	T 5
F 6	0 39 52	8°19'40	18° 1	29°20	3°14	3°45	10°54	28°12	19°21	25°47	20°44	9°27	10°41	27° 7	n.a.	F 6
S 7	0 43 49	9°20'02	0♊ 9	0♏37	4°28	4°18	10°59	28°13	19°19	25°49	20°43	9°28	10°38	27°14	n.a.	S 7
S 8	0 47 46	10°20'26	12° 8	1°54	5°43	4°52	11° 3	28°14	19°17	25°51	20°42	9°30	10°35	27°21	n.a.	S 8
M 9	0 51 42	11°20'52	23°59	3° 9	6°57	5°25	11° 8	28°14	19°15	25°52	20°41	9°32	10°31	27°27	n.a.	M 9
T 10	0 55 39	12°21'20	5♋50	4°22	8°11	5°59	11°13	28°15	19°13	25°54	20°40	9°33	10°28	27°34	n.a.	T 10
W11	0 59 35	13°21'50	17°43	5°33	9°26	6°32	11°17	28°15	19°11	25°56	20°39	9°R33	10°25	27°41	n.a.	W11
T 12	1 3 32	14°22'23	29°45	6°43	10°40	7° 5	11°21	28°16	19° 9	25°58	20°38	9°32	10°22	27°47	n.a.	T 12
F 13	1 7 28	15°22'57	12♌ 0	7°49	11°54	7°38	11°25	28°16	19° 8	25°59	20°38	9°30	10°19	27°54	n.a.	F 13
S 14	1 11 25	16°23'32	24°31	8°53	13° 9	8°11	11°29	28°16	19° 5	26° 1	20°37	9°27	10°16	28° 1	n.a.	S 14
S 15	1 15 21	17°24'10	7♍23	9°54	14°23	8°44	11°33	28°R16	19° 3	26° 3	20°36	9°23	10°12	28° 7	n.a.	S 15
M16	1 19 18	18°24'50	20°36	10°52	15°37	9°17	11°36	28°16	19° 1	26° 5	20°35	9°20	10° 9	28°14	n.a.	M16
T 17	1 23 15	19°25'31	4♎10	11°45	16°52	9°49	11°39	28°16	18°59	26° 7	20°34	9°17	10° 6	28°21	n.a.	T 17
W18	1 27 11	20°26'13	18° 4	12°35	18° 6	10°22	11°42	28°16	18°57	26° 9	20°33	9°15	10° 3	28°27	n.a.	W18
T 19	1 31 8	21°26'58	2♏14	13°19	19°20	10°54	11°45	28°15	18°55	26°11	20°32	9°D14	10° 0	28°34	n.a.	T 19
F 20	1 35 4	22°27'44	16°36	13°57	20°34	11°27	11°48	28°15	18°53	26°13	20°31	9°14	9°56	28°41	n.a.	F 20
S 21	1 39 1	23°28'31	1♐ 3	14°30	21°49	11°59	11°50	28°14	18°51	26°15	20°30	9°15	9°53	28°47	n.a.	S 21
S 22	1 42 57	24°29'20	15°32	14°55	23° 3	12°31	11°53	28°13	18°48	26°17	20°29	9°16	9°50	28°54	n.a.	S 22
M23	1 46 54	25°30'09	29°58	15°12	24°17	13° 3	11°55	28°12	18°46	26°19	20°28	9°17	9°47	29° 1	n.a.	M23
T 24	1 50 50	26°31'00	14♑16	15°R21	25°31	13°35	11°57	28°11	18°44	26°21	20°27	9°18	9°44	29° 8	n.a.	T 24
W25	1 54 47	27°31'52	28°24	15°21	26°45	14° 6	11°59	28°10	18°41	26°23	20°26	9°R18	9°41	29°14	n.a.	W25
T 26	1 58 44	28°32'45	12♒21	15°10	28° 0	14°38	12° 0	28° 9	18°39	26°25	20°24	9°18	9°37	29°21	n.a.	T 26
F 27	2 2 40	29°33'38	26° 5	14°49	29°14	15° 9	12° 2	28° 8	18°37	26°27	20°23	9°17	9°34	29°28	n.a.	F 27
S 28	2 6 37	0♏34'33	9♓36	14°17	0♐28	15°41	12° 3	28° 6	18°34	26°29	20°22	9°16	9°31	29°34	n.a.	S 28
S 29	2 10 33	1°35'29	22°54	13°34	1°42	16°12	12° 4	28° 5	18°32	26°31	20°21	9°15	9°28	29°41	n.a.	S 29
M30	2 14 30	2°36'25	5♈58	12°41	2°56	16°43	12° 5	28° 3	18°30	26°33	20°20	9°14	9°25	29°48	n.a.	M30
T 31	2 18 26	3♏37'23	18♈49	11♏38	4♐10	17♌14	12♋ 5	28♊ 1	18♉27	26♏35	20♉19	9♉13	9♉22	29♊54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	1s20	10s37	4s19	10s38	1s53	10s39	0s 7	21n34	1n24	23n38	0n19	23n12	0s31	17n37	0s13	17s59	1n28	9n43	8s46	14n54	15n18	27n22			n.a.
M 2	1 44	4 31	3 32	11 14	1 58	11 9	0 10	21 27	1 25	23 38	0 19	23 13	0 31	17 36	0 13	17 59	1 28	9 43	8 46	14 52	15 17	27 23			n.a.
T 3	2 8	1n40	2 34	11 50	2 4	11 38	0 13	21 20	1 25	23 37	0 19	23 13	0 31	17 36	0 13	18 0	1 28	9 43	8 46	14 50	15 16	27 24			n.a.
W 4	2 32	7 40	1 29	12 25	2 9	12 7	0 15	21 13	1 26	23 37	0 19	23 13	0 31	17 36	0 13	18 0	1 28	9 42	8 46	14 50	15 15	27 25			n.a.
T 5	2 56	13 14	0 21	12 58	2 14	12 36	0 18	21 6	1 27	23 37	0 19	23 13	0 31	17 35	0 13	18 1	1 28	9 42	8 46	14 49	15 14	27 25			n.a.
F 6	3 21	18 9	0n47	13 31	2 18	13 4	0 21	20 59	1 28	23 37	0 20	23 13	0 31	17 35	0 13	18 1	1 28	9 42	8 46	14 49	15 13	27 26			n.a.
S 7	3 45	22 15	1 51	14 3	2 23	13 32	0 24	20 51	1 29	23 36	0 20	23 13	0 31	17 34	0 13	18 2	1 28	9 42	8 46	14 50	15 12	27 27			n.a.
S 8	4 9	25 20	2 50	14 34	2 27	14 0	0 26	20 44	1 30	23 36	0 20	23 13	0 31	17 34	0 13	18 2	1 28	9 41	8 46	14 50	15 11	27 28			n.a.
M 9	4 33	27 16	3 40	15 4	2 30	14 27	0 29	20 37	1 30	23 36	0 20	23 13	0 31	17 33	0 13	18 2	1 28	9 41	8 46	14 51	15 10	27 28			n.a.
T 10	4 56	27 58	4 22	15 32	2 33	14 55	0 32	20 29	1 31	23 36	0 20	23 13	0 31	17 33	0 13	18 3	1 28	9 41	8 46	14 51	15 9	27 29			n.a.
W11	5 20	27 22	4 52	15 59	2 36	15 21	0 34	20 21	1 32	23 36	0 21	23 13	0 30	17 32	0 13	18 3	1 28	9 40	8 46	14 51	15 8	27 30			n.a.
T 12	5 44	25 30	5 10	16 24	2 38	15 48	0 37	20 14	1 33	23 35	0 21	23 13	0 30	17 32	0 13	18 4	1 28	9 40	8 47	14 51	15 7	27 31			n.a.
F 13	6 8	22 25	5 14	16 48	2 40	16 14	0 40	20 6	1 34	23 35	0 21	23 13	0 30	17 31	0 13	18 4	1 28	9 40	8 47	14 50	15 6	27 31			n.a.
S 14	6 31	18 16	5 4	17 10	2 41	16 39	0 42	19 58	1 35	23 35	0 21	23 13	0 30	17 31	0 13	18 5	1 28	9 39	8 47	14 49	15 5	27 32			n.a.
S 15	6 55	13 12	4 38	17 31	2 41	17 4	0 45	19 50	1 36	23 35	0 21	23 13	0 30	17 30	0 13	18 5	1 28	9 39	8 47	14 48	15 4	27 33			n.a.
M16	7 18	7 23	3 57	17 49	2 41	17 29	0 48	19 42	1 37	23 35	0 22	23 13	0 30	17 29	0 13	18 6	1 28	9 39	8 47	14 47	15 3	27 33			n.a.
T 17	7 42	1 6	3 2	18 5	2 40	17 53	0 50	19 34	1 37	23 35	0 22	23 13	0 30	17 29	0 13	18 6	1 28	9 38	8 47	14 46	15 2	27 34			n.a.
W18	8 5	5s25	1 54	18 19	2 38	18 17	0 53	19 26	1 38	23 35	0 22	23 13	0 30	17 28	0 13	18 7	1 28	9 38	8 47	14 45	15 1	27 35			n.a.
T 19	8 28	11 48	0 39	18 30	2 35	18 40	0 55	19 18	1 39	23 35	0 22	23 13	0 30	17 28	0 13	18 7	1 28	9 38	8 47	14 45	15 0	27 35			n.a.
F 20	8 51	17 39	0s41	18 38	2 32	19 3	0 58	19 10	1 40	23 34	0 22	23 13	0 30	17 27	0 13	18 8	1 28	9 38	8 47	14 45	14 59	27 36			n.a.
S 21	9 14	22 33	1 58	18 43	2 26	19 25	1 1	19 2	1 41	23 34	0 22	23 13	0 30	17 26	0 13	18 8	1 27	9 37	8 47	14 45	14 58	27 37			n.a.
S 22	9 36	26 3	3 8	18 45	2 20	19 47	1 3	18 53	1 42	23 34	0 23	23 14	0 30	17 26	0 13	18 9	1 27	9 37	8 47	14 46	14 57	27 37			n.a.
M23	9 59	27 49	4 5	18 43	2 13	20 8	1 5	18 45	1 43	23 34	0 23	23 14	0 30	17 25	0 13	18 9	1 27	9 37	8 47	14 46	14 56	27 38			n.a.
T 24	10 21	27 43	4 47	18 37	2 4	20 29	1 8	18 37	1 44	23 34	0 23	23 14	0 30	17 25	0 13	18 10	1 27	9 36	8 47	14 46	14 55	27 39			n.a.
W25	10 43	25 48	5 11	18 26	1 53	20 49	1 10	18 28	1 45	23 34	0 23	23 14	0 30	17 24	0 13	18 10	1 27	9 36	8 47	14 46	14 54	27 39			n.a.
T 26	11 5	22 21	5 16	18 12	1 41	21 8	1 13	18 20	1 46	23 35	0 23	23 14	0 30	17 23	0 13	18 11	1 27	9 36	8 47	14 46	14 52	27 40			n.a.
F 27	11 27	17 43	5 3	17 52	1 27	21 27	1 15	18 11	1 47	23 35	0 24	23 14	0 30	17 23	0 13	18 11	1 27	9 35	8 47	14 46	14 51	27 40			n.a.
S 28	11 49	12 17	4 34	17 28	1 12	21 46	1 17	18 3	1 48	23 35	0 24	23 14	0 30	17 22	0 13	18 12	1 27	9 35	8 47	14 46	14 50	27 41			n.a.
S 29	12 10	6 21	3 50	16 59	0 55	22 3	1 20	17 54	1 49	23 35	0 24	23 14	0 30	17 21	0 13	18 12	1 27	9 35	8 47	14 45	14 49	27 42			n.a.
M30	12 32	0 16	2 54	16 25	0 37	22 20	1 22	17 46	1 50	23 35	0 24	23 14	0 29	17 21	0 13	18 13	1 27	9 35	8 47	14 45	14 48	27 42			n.a.
T 31	12s53	5n45	1s51	15s47	0s17	22s37	1s24	17n37	1n51	23n35	0n24	23n14	0s29	17n20	0s13	18s13	1n27	9n34	8s47	14n45	14n47	27n43			n.a.

Julian Day Number = 1603355.5, Delta T = 03h57m46s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'05, Lahiri = - 8°25'05 Julian Calendar 1 Oct. 324 BCE == Greg. Calendar 26 Sept. 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

NOVEMBER 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 22 23	4♏38'21	1♉27	10°R26	5♐24	17♌44	12♋ 6	28°R 0	18°R25	26♏37	20°R18	9°R13	9♉18	0♋ 1	n.a.	W 1
T 2	2 26 19	5°39'21	13°53	9♏ 9	6°38	18°15	12° 6	27♊58	18♉22	26°39	20♉17	9°D13	9°15	0° 8	n.a.	T 2
F 3	2 30 16	6°40'22	26° 6	7°47	7°52	18°46	12°R 6	27°55	18°20	26°42	20°16	9♉13	9°12	0°14	n.a.	F 3
S 4	2 34 13	7°41'24	8♊10	6°24	9° 6	19°16	12° 6	27°53	18°17	26°44	20°14	9°13	9° 9	0°21	n.a.	S 4
S 5	2 38 9	8°42'27	20° 7	5° 3	10°20	19°46	12° 5	27°51	18°15	26°46	20°13	9°13	9° 6	0°28	n.a.	S 5
M 6	2 42 6	9°43'31	1♋58	3°46	11°34	20°16	12° 5	27°49	18°12	26°48	20°12	9°R13	9° 2	0°35	n.a.	M 6
T 7	2 46 2	10°44'37	13°48	2°36	12°47	20°46	12° 4	27°46	18°10	26°50	20°11	9°13	8°59	0°41	n.a.	T 7
W 8	2 49 59	11°45'43	25°41	1°34	14° 1	21°16	12° 3	27°44	18° 7	26°52	20°10	9°13	8°56	0°48	n.a.	W 8
T 9	2 53 55	12°46'51	7♌40	0°43	15°15	21°45	12° 2	27°41	18° 5	26°55	20° 9	9°D13	8°53	0°55	n.a.	T 9
F 10	2 57 52	13°47'59	19°52	0° 2	16°29	22°15	12° 0	27°38	18° 2	26°57	20° 7	9°13	8°50	1° 1	n.a.	F 10
S 11	3 1 49	14°49'09	2♍20	29♎33	17°43	22°44	11°59	27°35	18° 0	26°59	20° 6	9°13	8°47	1° 8	n.a.	S 11
S 12	3 5 45	15°50'20	15° 8	29°15	18°56	23°13	11°57	27°32	17°57	27° 1	20° 5	9°14	8°43	1°15	n.a.	S 12
M13	3 9 42	16°51'31	28°20	29°D 8	20°10	23°42	11°55	27°29	17°54	27° 4	20° 4	9°15	8°40	1°21	n.a.	M13
T 14	3 13 38	17°52'43	11♎57	29°11	21°24	24°10	11°53	27°26	17°52	27° 6	20° 3	9°15	8°37	1°28	n.a.	T 14
W15	3 17 35	18°53'56	26° 0	29°23	22°37	24°39	11°50	27°23	17°49	27° 8	20° 2	9°16	8°34	1°35	n.a.	W15
T 16	3 21 31	19°55'10	10♏26	29°45	23°51	25° 7	11°48	27°19	17°47	27°10	20° 0	9°R16	8°31	1°41	n.a.	T 16
F 17	3 25 28	20°56'25	25°10	0♏14	25° 5	25°35	11°45	27°16	17°44	27°13	19°59	9°16	8°28	1°48	n.a.	F 17
S 18	3 29 24	21°57'40	10♐ 5	0°50	26°18	26° 3	11°42	27°13	17°42	27°15	19°58	9°15	8°24	1°55	n.a.	S 18
S 19	3 33 21	22°58'55	25° 3	1°32	27°32	26°31	11°39	27° 9	17°39	27°17	19°57	9°13	8°21	2° 2	n.a.	S 19
M20	3 37 18	24° 0'11	9♑54	2°20	28°45	26°58	11°36	27° 5	17°37	27°19	19°56	9°11	8°18	2° 8	n.a.	M20
T 21	3 41 14	25° 1'27	24°33	3°13	29°59	27°26	11°32	27° 2	17°34	27°22	19°55	9° 9	8°15	2°15	n.a.	T 21
W22	3 45 11	26° 2'43	8♒54	4°10	1♑12	27°53	11°29	26°58	17°32	27°24	19°53	9° 8	8°12	2°22	n.a.	W22
T 23	3 49 7	27° 3'58	22°55	5°11	2°25	28°20	11°25	26°54	17°29	27°26	19°52	9°D 7	8° 8	2°28	n.a.	T 23
F 24	3 53 4	28° 5'14	6♓34	6°15	3°39	28°46	11°21	26°50	17°27	27°28	19°51	9° 7	8° 5	2°35	n.a.	F 24
S 25	3 57 0	29° 6'29	19°52	7°22	4°52	29°13	11°16	26°46	17°24	27°31	19°50	9° 8	8° 2	2°42	n.a.	S 25
S 26	4 0 57	0♐ 7'45	2♈52	8°32	6° 5	29°39	11°12	26°42	17°22	27°33	19°49	9°10	7°59	2°48	n.a.	S 26
M27	4 4 53	1° 9'00	15°36	9°45	7°18	0♍ 5	11° 7	26°38	17°19	27°35	19°48	9°12	7°56	2°55	n.a.	M27
T 28	4 8 50	2°10'15	28° 7	10°59	8°31	0°30	11° 3	26°33	17°17	27°38	19°46	9°13	7°53	3° 2	n.a.	T 28
W29	4 12 47	3°11'30	10♉26	12°15	9°44	0°56	10°58	26°29	17°14	27°40	19°45	9°R13	7°49	3° 9	n.a.	W29
T 30	4 16 43	4♐12'45	22♉37	13♏33	10♑57	1♍21	10♋53	26♊25	17♉12	27♏42	19♉44	9♉12	7♉46	3♋15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s14	11n27	0s43	15s 5	0n 3	22s53	1s26	17n28	1n51	23n35	0n25	23n14	0s29	17n19	0s13	18s14	1n27	9n34	8s47	14n45	14n46	27n43		n.a.
T 2	13 34	16 37	0n26	14 21	0 24	23 8	1 28	17 20	1 52	23 35	0 25	23 14	0 29	17 19	0 13	18 14	1 27	9 34	8 47	14 45	14 45	27 44		n.a.
F 3	13 55	21 1	1 32	13 35	0 44	23 22	1 30	17 11	1 53	23 36	0 25	23 14	0 29	17 18	0 13	18 15	1 27	9 33	8 47	14 45	14 44	27 44		n.a.
S 4	14 15	24 28	2 34	12 49	1 4	23 36	1 32	17 2	1 54	23 36	0 25	23 14	0 29	17 17	0 12	18 15	1 27	9 33	8 47	14 45	14 43	27 45		n.a.
S 5	14 35	26 49	3 28	12 4	1 23	23 49	1 34	16 54	1 55	23 36	0 25	23 14	0 29	17 17	0 12	18 16	1 27	9 33	8 47	14 45	14 42	27 46		n.a.
M 6	14 54	27 56	4 13	11 21	1 40	24 2	1 36	16 45	1 57	23 36	0 26	23 14	0 29	17 16	0 12	18 16	1 27	9 32	8 47	14 45	14 41	27 46		n.a.
T 7	15 14	27 46	4 47	10 43	1 56	24 14	1 38	16 36	1 58	23 37	0 26	23 14	0 29	17 15	0 12	18 17	1 27	9 32	8 47	14 45	14 40	27 47		n.a.
W 8	15 33	26 19	5 9	10 9	2 9	24 25	1 39	16 27	1 59	23 37	0 26	23 14	0 29	17 14	0 12	18 17	1 27	9 32	8 47	14 45	14 39	27 47		n.a.
T 9	15 52	23 41	5 17	9 40	2 21	24 35	1 41	16 19	2 0	23 37	0 26	23 14	0 29	17 14	0 12	18 18	1 27	9 32	8 47	14 45	14 38	27 48		n.a.
F 10	16 11	19 58	5 12	9 18	2 30	24 44	1 43	16 10	2 1	23 38	0 26	23 14	0 29	17 13	0 12	18 19	1 27	9 31	8 47	14 45	14 37	27 48		n.a.
S 11	16 29	15 18	4 52	9 1	2 37	24 53	1 44	16 1	2 2	23 38	0 27	23 14	0 29	17 12	0 12	18 19	1 27	9 31	8 47	14 45	14 36	27 49		n.a.
S 12	16 47	9 52	4 17	8 50	2 42	25 1	1 46	15 53	2 3	23 38	0 27	23 14	0 29	17 12	0 12	18 20	1 27	9 31	8 47	14 45	14 35	27 49		n.a.
M13	17 5	3 51	3 28	8 44	2 45	25 9	1 47	15 44	2 4	23 39	0 27	23 14	0 29	17 11	0 12	18 20	1 27	9 30	8 47	14 45	14 34	27 50		n.a.
T 14	17 22	2s33	2 26	8 44	2 46	25 15	1 48	15 35	2 5	23 39	0 27	23 14	0 29	17 10	0 12	18 21	1 27	9 30	8 47	14 45	14 33	27 50		n.a.
W15	17 39	9 2	1 13	8 48	2 47	25 21	1 50	15 27	2 6	23 39	0 28	23 14	0 28	17 9	0 12	18 21	1 27	9 30	8 47	14 46	14 32	27 50		n.a.
T 16	17 56	15 14	0s 6	8 57	2 45	25 26	1 51	15 18	2 7	23 40	0 28	23 14	0 28	17 9	0 12	18 22	1 27	9 30	8 47	14 46	14 31	27 51		n.a.
F 17	18 13	20 42	1 27	9 9	2 43	25 31	1 52	15 9	2 8	23 40	0 28	23 14	0 28	17 8	0 12	18 22	1 27	9 29	8 47	14 46	14 30	27 51		n.a.
S 18	18 29	24 55	2 43	9 25	2 40	25 34	1 53	15 1	2 9	23 41	0 28	23 14	0 28	17 7	0 12	18 23	1 27	9 29	8 47	14 45	14 29	27 52		n.a.
S 19	18 45	27 25	3 47	9 43	2 36	25 37	1 54	14 52	2 10	23 41	0 28	23 14	0 28	17 7	0 12	18 23	1 27	9 29	8 47	14 45	14 28	27 52		n.a.
M20	19 0	27 57	4 36	10 4	2 31	25 39	1 55	14 44	2 12	23 42	0 29	23 14	0 28	17 6	0 12	18 24	1 27	9 29	8 47	14 44	14 27	27 53		n.a.
T 21	19 16	26 29	5 6	10 27	2 26	25 40	1 56	14 35	2 13	23 42	0 29	23 14	0 28	17 5	0 12	18 24	1 27	9 28	8 47	14 43	14 26	27 53		n.a.
W22	19 30	23 19	5 16	10 52	2 20	25 40	1 57	14 27	2 14	23 43	0 29	23 14	0 28	17 4	0 12	18 25	1 27	9 28	8 47	14 43	14 25	27 53		n.a.
T 23	19 45	18 52	5 7	11 19	2 13	25 40	1 57	14 18	2 15	23 43	0 29	23 14	0 28	17 4	0 12	18 25	1 27	9 28	8 47	14 43	14 24	27 54		n.a.
F 24	19 59	13 33	4 41	11 47	2 7	25 39	1 58	14 10	2 16	23 44	0 29	23 14	0 28	17 3	0 12	18 26	1 27	9 28	8 47	14 43	14 23	27 54		n.a.
S 25	20 12	7 43	4 0	12 15	2 0	25 37	1 58	14 2	2 17	23 45	0 30	23 14	0 28	17 2	0 12	18 26	1 27	9 27	8 47	14 43	14 22	27 55		n.a.
S 26	20 26	1 42	3 7	12 45	1 53	25 34	1 59	13 54	2 19	23 45	0 30	23 14	0 28	17 2	0 12	18 27	1 27	9 27	8 47	14 44	14 21	27 55		n.a.
M27	20 39	4n16	2 7	13 15	1 45	25 31	1 59	13 45	2 20	23 46	0 30	23 14	0 28	17 1	0 12	18 28	1 27	9 27	8 46	14 44	14 20	27 55		n.a.
T 28	20 51	9 59	1 1	13 46	1 38	25 27	1 59	13 37	2 21	23 46	0 30	23 14	0 27	17 0	0 12	18 28	1 27	9 27	8 46	14 45	14 18	27 56		n.a.
W29	21 3	15 14	0n 7	14 17	1 30	25 22	1 59	13 29	2 22	23 47	0 30	23 14	0 27	17 0	0 12	18 29	1 27	9 27	8 46	14 45	14 17	27 56		n.a.
T 30	21s15	19n50	1n13	14s48	1n22	25s16	2s 0	13n21	2n23	23n48	0n31	23n14	0s27	16n59	0s12	18s29	1n27	9n26	8s46	14n44	14n16	27n56		n.a.

Julian Day Number = 1603386.5, Delta T = 03h57m45s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°32'01, Lahiri = - 8°25'01 Julian Calendar 1 Nov. 324 BCE == Greg. Calendar 27 Oct. 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 324 BCE
geocentric

DECEMBER 324 BCE (-323) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 20 40	5♐14'00	4♊40	14♏52	12♑10	1♍46	10°R48	26°R20	17°R 9	27♏44	19°R43	9°R10	7♉43	3♋22	n.a.	F 1
S 2	4 24 36	6°15'15	16°37	16°12	13°23	2°11	10♋42	26♊16	17♉ 7	27°47	19♉42	9♉ 7	7°40	3°29	n.a.	S 2
S 3	4 28 33	7°16'30	28°30	17°34	14°36	2°35	10°37	26°11	17° 5	27°49	19°41	9° 2	7°37	3°35	n.a.	S 3
M 4	4 32 29	8°17'44	10♋21	18°57	15°49	2°59	10°31	26° 7	17° 2	27°51	19°40	8°57	7°34	3°42	n.a.	M 4
T 5	4 36 26	9°18'59	22°12	20°20	17° 1	3°23	10°25	26° 2	17° 0	27°53	19°39	8°51	7°30	3°49	n.a.	T 5
W 6	4 40 23	10°20'14	4♌ 6	21°45	18°14	3°47	10°19	25°58	16°58	27°56	19°37	8°46	7°27	3°55	n.a.	W 6
T 7	4 44 19	11°21'28	16° 5	23°10	19°27	4°10	10°13	25°53	16°55	27°58	19°36	8°42	7°24	4° 2	n.a.	T 7
F 8	4 48 16	12°22'43	28°14	24°36	20°39	4°33	10° 7	25°48	16°53	28° 0	19°35	8°39	7°21	4° 9	n.a.	F 8
S 9	4 52 12	13°23'57	10♍37	26° 3	21°51	4°55	10° 0	25°43	16°51	28° 2	19°34	8°D38	7°18	4°16	n.a.	S 9
S 10	4 56 9	14°25'11	23°18	27°30	23° 4	5°18	9°54	25°39	16°49	28° 4	19°33	8°38	7°14	4°22	n.a.	S 10
M11	5 0 5	15°26'25	6♎21	28°58	24°16	5°40	9°47	25°34	16°47	28° 7	19°32	8°39	7°11	4°29	n.a.	M11
T 12	5 4 2	16°27'39	19°51	0♐27	25°28	6° 2	9°40	25°29	16°44	28° 9	19°31	8°41	7° 8	4°36	n.a.	T 12
W13	5 7 58	17°28'52	3♏48	1°56	26°41	6°23	9°34	25°24	16°42	28°11	19°30	8°R42	7° 5	4°42	n.a.	W13
T 14	5 11 55	18°30'06	18°13	3°26	27°53	6°44	9°27	25°19	16°40	28°13	19°29	8°42	7° 2	4°49	n.a.	T 14
F 15	5 15 52	19°31'19	3♐ 3	4°56	29° 5	7° 5	9°19	25°14	16°38	28°15	19°28	8°40	6°59	4°56	n.a.	F 15
S 16	5 19 48	20°32'31	18°11	6°27	0♒16	7°25	9°12	25° 9	16°36	28°17	19°27	8°35	6°55	5° 2	n.a.	S 16
S 17	5 23 45	21°33'43	3♑28	7°59	1°28	7°45	9° 5	25° 4	16°34	28°20	19°26	8°29	6°52	5° 9	n.a.	S 17
M18	5 27 41	22°34'54	18°42	9°31	2°40	8° 4	8°58	25° 0	16°32	28°22	19°25	8°22	6°49	5°16	n.a.	M18
T 19	5 31 38	23°36'04	3♒43	11° 3	3°52	8°24	8°50	24°55	16°30	28°24	19°24	8°15	6°46	5°23	n.a.	T 19
W20	5 35 34	24°37'13	18°24	12°36	5° 3	8°42	8°43	24°50	16°29	28°26	19°23	8° 9	6°43	5°29	n.a.	W20
T 21	5 39 31	25°38'21	2♓38	14°10	6°15	9° 1	8°35	24°45	16°27	28°28	19°22	8° 5	6°40	5°36	n.a.	T 21
F 22	5 43 28	26°39'28	16°23	15°44	7°26	9°19	8°27	24°40	16°25	28°30	19°21	8° 2	6°36	5°43	n.a.	F 22
S 23	5 47 24	27°40'33	29°42	17°19	8°37	9°36	8°20	24°35	16°23	28°32	19°20	8°D 2	6°33	5°49	n.a.	S 23
S 24	5 51 21	28°41'37	12♈37	18°54	9°48	9°53	8°12	24°30	16°21	28°34	19°20	8° 3	6°30	5°56	n.a.	S 24
M25	5 55 17	29°42'40	25°12	20°30	10°59	10°10	8° 4	24°25	16°20	28°36	19°19	8° 4	6°27	6° 3	n.a.	M25
T 26	5 59 14	0♑43'42	7♉31	22° 7	12°10	10°26	7°56	24°20	16°18	28°38	19°18	8°R 5	6°24	6°10	n.a.	T 26
W27	6 3 10	1°44'43	19°38	23°44	13°21	10°42	7°48	24°15	16°17	28°40	19°17	8° 4	6°20	6°16	n.a.	W27
T 28	6 7 7	2°45'42	1♊37	25°22	14°32	10°57	7°40	24°10	16°15	28°42	19°16	8° 1	6°17	6°23	n.a.	T 28
F 29	6 11 3	3°46'40	13°32	27° 1	15°42	11°12	7°32	24° 5	16°14	28°44	19°15	7°55	6°14	6°30	n.a.	F 29
S 30	6 15 0	4°47'37	25°24	28°40	16°53	11°26	7°24	24° 1	16°12	28°46	19°15	7°47	6°11	6°36	n.a.	S 30
S 31	6 18 57	5♑48'33	7♋15	0♑20	18♒ 3	11♍40	7♋16	23♊56	16♉11	28♏48	19♉14	7♉37	6♉ 8	6♋43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s26	23n33	2n15	15s19	1n14	25s 9	2s 0	13n13	2n25	23n48	0n31	23n14	0s27	16n58	0s12	18s30	1n27	9n26	8s46	14n44	14n15	27n57		n.a.
S 2	21 37	26 13	3 11	15 50	1 7	25 2	1 59	13 6	2 26	23 49	0 31	23 14	0 27	16 58	0 12	18 30	1 27	9 26	8 46	14 43	14 14	27 57		n.a.
S 3	21 48	27 41	3 58	16 21	0 59	24 54	1 59	12 58	2 27	23 49	0 31	23 14	0 27	16 57	0 12	18 31	1 27	9 26	8 46	14 41	14 13	27 57		n.a.
M 4	21 58	27 53	4 34	16 51	0 51	24 45	1 59	12 50	2 28	23 50	0 31	23 14	0 27	16 56	0 12	18 31	1 27	9 26	8 46	14 39	14 12	27 58		n.a.
T 5	22 7	26 48	4 59	17 21	0 43	24 36	1 59	12 43	2 30	23 51	0 32	23 14	0 27	16 56	0 12	18 32	1 27	9 25	8 46	14 37	14 11	27 58		n.a.
W 6	22 16	24 30	5 11	17 51	0 36	24 26	1 58	12 35	2 31	23 51	0 32	23 14	0 27	16 55	0 12	18 32	1 27	9 25	8 46	14 36	14 10	27 58		n.a.
T 7	22 25	21 7	5 9	18 21	0 28	24 15	1 58	12 28	2 32	23 52	0 32	23 14	0 27	16 54	0 12	18 33	1 27	9 25	8 45	14 34	14 9	27 58		n.a.
F 8	22 34	16 49	4 54	18 50	0 20	24 3	1 57	12 20	2 34	23 53	0 32	23 14	0 27	16 54	0 12	18 33	1 27	9 25	8 45	14 34	14 8	27 59		n.a.
S 9	22 41	11 45	4 25	19 18	0 13	23 51	1 56	12 13	2 35	23 54	0 32	23 14	0 26	16 53	0 12	18 34	1 27	9 25	8 45	14 33	14 7	27 59		n.a.
S 10	22 49	6 5	3 42	19 46	0 5	23 38	1 55	12 6	2 36	23 54	0 33	23 14	0 26	16 52	0 12	18 34	1 27	9 25	8 45	14 33	14 6	27 59		n.a.
M11	22 56	0s 0	2 47	20 13	0s 2	23 24	1 54	11 59	2 38	23 55	0 33	23 13	0 26	16 52	0 12	18 35	1 27	9 24	8 45	14 34	14 5	27 59		n.a.
T 12	23 2	6 18	1 41	20 39	0 9	23 10	1 53	11 52	2 39	23 56	0 33	23 13	0 26	16 51	0 12	18 35	1 27	9 24	8 45	14 34	14 4	28 0		n.a.
W13	23 8	12 31	0 27	21 4	0 16	22 55	1 52	11 45	2 40	23 56	0 33	23 13	0 26	16 51	0 12	18 36	1 27	9 24	8 45	14 35	14 3	28 0		n.a.
T 14	23 14	18 18	0s52	21 29	0 23	22 39	1 51	11 39	2 42	23 57	0 33	23 13	0 26	16 50	0 12	18 36	1 27	9 24	8 45	14 35	14 2	28 0		n.a.
F 15	23 19	23 7	2 8	21 52	0 30	22 23	1 50	11 32	2 43	23 58	0 33	23 13	0 26	16 49	0 12	18 36	1 27	9 24	8 44	14 34	14 1	28 0		n.a.
S 16	23 24	26 29	3 17	22 15	0 36	22 6	1 48	11 26	2 44	23 58	0 34	23 13	0 26	16 49	0 12	18 37	1 27	9 24	8 44	14 32	14 0	28 0		n.a.
S 17	23 28	27 54	4 13	22 37	0 43	21 49	1 47	11 20	2 46	23 59	0 34	23 13	0 26	16 48	0 12	18 37	1 27	9 24	8 44	14 31	13 59	28 1		n.a.
M18	23 32	27 12	4 51	22 58	0 49	21 31	1 45	11 13	2 47	24 0	0 34	23 13	0 25	16 48	0 12	18 38	1 27	9 24	8 44	14 28	13 58	28 1		n.a.
T 19	23 35	24 32	5 7	23 17	0 55	21 12	1 43	11 7	2 49	24 0	0 34	23 13	0 25	16 47	0 12	18 38	1 27	9 23	8 44	14 26	13 56	28 1		n.a.
W20	23 38	20 18	5 3	23 36	1 1	20 53	1 41	11 2	2 50	24 1	0 34	23 13	0 25	16 47	0 12	18 39	1 27	9 23	8 44	14 24	13 55	28 1		n.a.
T 21	23 40	15 1	4 41	23 53	1 7	20 33	1 39	10 56	2 52	24 2	0 35	23 13	0 25	16 46	0 12	18 39	1 27	9 23	8 43	14 22	13 54	28 1		n.a.
F 22	23 42	9 9	4 2	24 10	1 12	20 13	1 37	10 50	2 53	24 2	0 35	23 13	0 25	16 46	0 12	18 40	1 27	9 23	8 43	14 22	13 53	28 2		n.a.
S 23	23 43	3 3	3 12	24 25	1 18	19 52	1 35	10 45	2 54	24 3	0 35	23 13	0 25	16 45	0 12	18 40	1 27	9 23	8 43	14 22	13 52	28 2		n.a.
S 24	23 44	3n 1	2 13	24 38	1 23	19 30	1 33	10 40	2 56	24 4	0 35	23 12	0 25	16 45	0 12	18 41	1 27	9 23	8 43	14 22	13 51	28 2		n.a.
M25	23 44	8 48	1 9	24 51	1 27	19 8	1 31	10 35	2 57	24 4	0 35	23 12	0 25	16 44	0 12	18 41	1 27	9 23	8 43	14 22	13 50	28 2		n.a.
T 26	23 44	14 8	0 3	25 2	1 32	18 46	1 28	10 30	2 59	24 5	0 35	23 12	0 25	16 44	0 12	18 41	1 27	9 23	8 43	14 22	13 49	28 2		n.a.
W27	23 43	18 51	1n 2	25 11	1 36	18 23	1 26	10 25	3 0	24 6	0 35	23 12	0 24	16 43	0 12	18 42	1 27	9 23	8 42	14 22	13 48	28 2		n.a.
T 28	23 42	22 45	2 3	25 19	1 40	18 0	1 23	10 21	3 2	24 6	0 36	23 12	0 24	16 43	0 12	18 42	1 27	9 23	8 42	14 21	13 47	28 2		n.a.
F 29	23 41	25 39	2 58	25 26	1 44	17 36	1 20	10 16	3 3	24 7	0 36	23 12	0 24	16 43	0 12	18 43	1 27	9 23	8 42	14 19	13 46	28 2		n.a.
S 30	23 39	27 24	3 45	25 31	1 47	17 12	1 18	10 12	3 5	24 7	0 36	23 12	0 24	16 42	0 12	18 43	1 27	9 23	8 42	14 17	13 45	28 2		n.a.
S 31	23s36	27n54	4n22	25s34	1s50	16s48	1s15	10n 8	3n 7	24n 8	0n36	23n12	0s24	16n42	0s12	18s43	1n27	9n23	8s42	14n13	13n44	28n 3		n.a.

Julian Day Number = 1603416.5, Delta T = 03h57m44s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'57, Lahiri = - 8°24'56 Julian Calendar 1 Dec. 324 BCE == Greg. Calendar 26 Nov. 324 BCE

The year -323 astronomical counting style corresponds to year 324 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

JANUARY 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 22 53	6♑49'27	19♋ 7	2♑ 0	19♒13	11♍54	7°R 8	23°R51	16°R 9	28♏50	19°R13	7°R25	6♉ 5	6♋50	n.a.	M 1
T 2	6 26 50	7°50'21	1♌ 1	3°42	20°23	12° 7	7♋ 0	23♊46	16♉ 8	28°52	19♉12	7♉12	6° 1	6°56	n.a.	T 2
W 3	6 30 46	8°51'13	13° 0	5°24	21°33	12°19	6°52	23°42	16° 7	28°54	19°12	7° 1	5°58	7° 3	n.a.	W 3
T 4	6 34 43	9°52'03	25° 4	7° 7	22°43	12°31	6°44	23°37	16° 5	28°55	19°11	6°51	5°55	7°10	n.a.	T 4
F 5	6 38 39	10°52'53	7♍16	8°50	23°52	12°42	6°36	23°32	16° 4	28°57	19°10	6°43	5°52	7°17	n.a.	F 5
S 6	6 42 36	11°53'42	19°39	10°35	25° 1	12°53	6°29	23°28	16° 3	28°59	19°10	6°38	5°49	7°23	n.a.	S 6
S 7	6 46 32	12°54'29	2♎17	12°20	26°11	13° 3	6°21	23°23	16° 2	29° 1	19° 9	6°36	5°46	7°30	n.a.	S 7
M 8	6 50 29	13°55'15	15°13	14° 5	27°20	13°12	6°13	23°19	16° 1	29° 3	19° 8	6°D35	5°42	7°37	n.a.	M 8
T 9	6 54 26	14°56'00	28°33	15°52	28°29	13°21	6° 5	23°14	16° 0	29° 4	19° 8	6°35	5°39	7°43	n.a.	T 9
W10	6 58 22	15°56'44	12♏18	17°39	29°37	13°29	5°57	23°10	15°59	29° 6	19° 7	6°R35	5°36	7°50	n.a.	W10
T 11	7 2 19	16°57'27	26°30	19°27	0♓46	13°37	5°49	23° 6	15°58	29° 8	19° 7	6°34	5°33	7°57	n.a.	T 11
F 12	7 6 15	17°58'08	11♐ 9	21°16	1°54	13°44	5°42	23° 1	15°57	29° 9	19° 6	6°30	5°30	8° 4	n.a.	F 12
S 13	7 10 12	18°58'49	26°10	23° 6	3° 3	13°51	5°34	22°57	15°57	29°11	19° 5	6°23	5°26	8°10	n.a.	S 13
S 14	7 14 8	19°59'27	11♑26	24°56	4°11	13°56	5°26	22°53	15°56	29°13	19° 5	6°14	5°23	8°17	n.a.	S 14
M15	7 18 5	21° 0'04	26°45	26°46	5°18	14° 1	5°19	22°49	15°55	29°14	19° 5	6° 3	5°20	8°24	n.a.	M15
T 16	7 22 2	22° 0'40	11♒57	28°37	6°26	14° 6	5°12	22°45	15°54	29°16	19° 4	5°52	5°17	8°30	n.a.	T 16
W17	7 25 58	23° 1'13	26°50	0♒28	7°34	14°10	5° 4	22°41	15°54	29°17	19° 4	5°42	5°14	8°37	n.a.	W17
T 18	7 29 55	24° 1'45	11♓17	2°19	8°41	14°13	4°57	22°37	15°53	29°19	19° 3	5°34	5°11	8°44	n.a.	T 18
F 19	7 33 51	25° 2'14	25°15	4°11	9°48	14°15	4°50	22°33	15°53	29°20	19° 3	5°28	5° 7	8°51	n.a.	F 19
S 20	7 37 48	26° 2'42	8♈42	6° 2	10°55	14°17	4°43	22°30	15°52	29°22	19° 2	5°25	5° 4	8°57	n.a.	S 20
S 21	7 41 44	27° 3'07	21°41	7°53	12° 1	14°17	4°36	22°26	15°52	29°23	19° 2	5°24	5° 1	9° 4	n.a.	S 21
M22	7 45 41	28° 3'31	4♉16	9°43	13° 7	14°R18	4°29	22°22	15°52	29°25	19° 2	5°24	4°58	9°11	n.a.	M22
T 23	7 49 37	29° 3'52	16°33	11°32	14°13	14°17	4°22	22°19	15°51	29°26	19° 1	5°24	4°55	9°17	n.a.	T 23
W24	7 53 34	0♒ 4'11	28°36	13°19	15°19	14°16	4°16	22°16	15°51	29°27	19° 1	5°22	4°52	9°24	n.a.	W24
T 25	7 57 30	1° 4'29	10♊31	15° 5	16°25	14°14	4° 9	22°12	15°51	29°29	19° 1	5°18	4°48	9°31	n.a.	T 25
F 26	8 1 27	2° 4'44	22°22	16°49	17°30	14°11	4° 3	22° 9	15°51	29°30	19° 1	5°11	4°45	9°38	n.a.	F 26
S 27	8 5 24	3° 4'57	4♋11	18°30	18°35	14° 7	3°57	22° 6	15°51	29°31	19° 0	5° 1	4°42	9°44	n.a.	S 27
S 28	8 9 20	4° 5'08	16° 3	20° 8	19°40	14° 3	3°51	22° 3	15°D51	29°32	19° 0	4°48	4°39	9°51	n.a.	S 28
M29	8 13 17	5° 5'17	27°59	21°42	20°44	13°58	3°45	22° 0	15°51	29°34	19° 0	4°34	4°36	9°58	n.a.	M29
T 30	8 17 13	6° 5'24	9♌59	23°11	21°48	13°52	3°39	21°57	15°51	29°35	19° 0	4°19	4°32	10° 4	n.a.	T 30
W31	8 21 10	7♒ 5'29	22♌ 6	24♒36	22♓52	13♍45	3♋33	21♊54	15♉51	29♏36	19♉ 0	4♉ 5	4♉29	10♋11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s33	27n 6	4n48	25s36	1s53	16s23	1s12	10n 5	3n 8	24n 9	0n36	23n12	0s24	16n41	0s12	18s44	1n27	9n23	8s42	14n 9	13n43	28n 3			n.a.
T 2	23 30	25 4	5 1	25 36	1 55	15 57	1 9	10 1	3 10	24 9	0 36	23 12	0 24	16 41	0 12	18 44	1 27	9 23	8 41	14 5	13 42	28 3			n.a.
W 3	23 26	21 56	5 1	25 35	1 57	15 32	1 5	9 58	3 11	24 10	0 36	23 11	0 24	16 41	0 12	18 45	1 27	9 23	8 41	14 1	13 41	28 3			n.a.
T 4	23 22	17 50	4 48	25 31	1 59	15 6	1 2	9 55	3 13	24 10	0 37	23 11	0 23	16 40	0 12	18 45	1 27	9 23	8 41	13 58	13 39	28 3			n.a.
F 5	23 17	12 59	4 22	25 26	2 0	14 39	0 59	9 52	3 14	24 11	0 37	23 11	0 23	16 40	0 12	18 45	1 27	9 23	8 41	13 56	13 38	28 3			n.a.
S 6	23 12	7 33	3 42	25 19	2 1	14 12	0 55	9 49	3 16	24 11	0 37	23 11	0 23	16 40	0 12	18 46	1 27	9 23	8 41	13 54	13 37	28 3			n.a.
S 7	23 6	1 42	2 52	25 10	2 1	13 45	0 52	9 46	3 17	24 12	0 37	23 11	0 23	16 39	0 12	18 46	1 27	9 23	8 40	13 53	13 36	28 3			n.a.
M 8	23 0	4s22	1 51	24 59	2 1	13 18	0 48	9 44	3 19	24 12	0 37	23 11	0 23	16 39	0 12	18 47	1 27	9 23	8 40	13 53	13 35	28 3			n.a.
T 9	22 53	10 26	0 43	24 47	2 1	12 50	0 44	9 42	3 21	24 13	0 37	23 11	0 23	16 39	0 12	18 47	1 27	9 23	8 40	13 53	13 34	28 3			n.a.
W10	22 46	16 12	0s30	24 32	2 0	12 22	0 40	9 40	3 22	24 13	0 37	23 11	0 23	16 39	0 12	18 47	1 27	9 23	8 40	13 53	13 33	28 3			n.a.
T 11	22 39	21 17	1 44	24 15	1 58	11 54	0 36	9 39	3 24	24 14	0 37	23 11	0 23	16 38	0 12	18 48	1 27	9 23	8 40	13 53	13 32	28 3			n.a.
F 12	22 31	25 14	2 52	23 57	1 56	11 26	0 32	9 37	3 25	24 14	0 38	23 11	0 22	16 38	0 12	18 48	1 27	9 23	8 39	13 51	13 31	28 3			n.a.
S 13	22 22	27 31	3 51	23 36	1 54	10 57	0 28	9 36	3 27	24 15	0 38	23 10	0 22	16 38	0 11	18 48	1 27	9 23	8 39	13 49	13 30	28 3			n.a.
S 14	22 14	27 47	4 34	23 14	1 51	10 28	0 24	9 36	3 29	24 15	0 38	23 10	0 22	16 38	0 11	18 49	1 27	9 23	8 39	13 46	13 29	28 3			n.a.
M15	22 4	25 55	4 57	22 49	1 47	9 59	0 20	9 35	3 30	24 16	0 38	23 10	0 22	16 37	0 11	18 49	1 27	9 23	8 39	13 42	13 28	28 3			n.a.
T 16	21 55	22 12	4 59	22 22	1 43	9 30	0 15	9 35	3 32	24 16	0 38	23 10	0 22	16 37	0 11	18 49	1 27	9 23	8 38	13 38	13 27	28 3			n.a.
W17	21 45	17 7	4 41	21 53	1 38	9 1	0 11	9 35	3 33	24 16	0 38	23 10	0 22	16 37	0 11	18 49	1 27	9 23	8 38	13 35	13 26	28 3			n.a.
T 18	21 34	11 11	4 5	21 23	1 32	8 31	0 6	9 35	3 35	24 17	0 38	23 10	0 22	16 37	0 11	18 50	1 28	9 23	8 38	13 32	13 25	28 3			n.a.
F 19	21 23	4 54	3 15	20 50	1 26	8 1	0 2	9 36	3 36	24 17	0 38	23 10	0 22	16 37	0 11	18 50	1 28	9 24	8 38	13 30	13 23	28 3			n.a.
S 20	21 12	1n24	2 16	20 16	1 19	7 31	0n 3	9 36	3 38	24 17	0 38	23 10	0 21	16 37	0 11	18 50	1 28	9 24	8 38	13 29	13 22	28 2			n.a.
S 21	21 0	7 26	1 12	19 40	1 11	7 1	0 8	9 37	3 40	24 18	0 38	23 10	0 21	16 37	0 11	18 51	1 28	9 24	8 37	13 29	13 21	28 2			n.a.
M22	20 48	13 0	0 6	19 3	1 3	6 31	0 12	9 39	3 41	24 18	0 39	23 10	0 21	16 37	0 11	18 51	1 28	9 24	8 37	13 29	13 20	28 2			n.a.
T 23	20 36	17 56	0n59	18 24	0 54	6 1	0 17	9 40	3 43	24 18	0 39	23 10	0 21	16 37	0 11	18 51	1 28	9 24	8 37	13 29	13 19	28 2			n.a.
W24	20 23	22 2	1 59	17 44	0 44	5 31	0 22	9 42	3 44	24 19	0 39	23 10	0 21	16 37	0 11	18 51	1 28	9 24	8 37	13 28	13 18	28 2			n.a.
T 25	20 10	25 10	2 54	17 2	0 33	5 0	0 27	9 44	3 46	24 19	0 39	23 10	0 21	16 36	0 11	18 52	1 28	9 24	8 36	13 27	13 17	28 2			n.a.
F 26	19 57	27 11	3 41	16 20	0 22	4 30	0 33	9 47	3 47	24 19	0 39	23 9	0 21	16 36	0 11	18 52	1 28	9 25	8 36	13 25	13 16	28 2			n.a.
S 27	19 43	27 58	4 18	15 38	0 10	4 0	0 38	9 50	3 48	24 19	0 39	23 9	0 20	16 36	0 11	18 52	1 28	9 25	8 36	13 21	13 15	28 2			n.a.
S 28	19 28	27 27	4 44	14 55	0n 2	3 29	0 43	9 53	3 50	24 20	0 39	23 9	0 20	16 36	0 11	18 52	1 28	9 25	8 36	13 17	13 14	28 2			n.a.
M29	19 14	25 40	4 57	14 12	0 15	2 59	0 48	9 56	3 51	24 20	0 39	23 9	0 20	16 37	0 11	18 53	1 28	9 25	8 36	13 12	13 13	28 1			n.a.
T 30	18 59	22 44	4 58	13 30	0 29	2 28	0 54	9 59	3 52	24 20	0 39	23 9	0 20	16 37	0 11	18 53	1 28	9 25	8 35	13 7	13 12	28 1			n.a.
W31	18s44	18n48	4n45	12s49	0n43	1s58	0n59	10n 3	3n54	24n20	0n39	23n 9	0s20	16n37	0s11	18s53	1n28	9n25	8s35	13n 2	13n10	28n 1			n.a.

Julian Day Number = 1603447.5, Delta T = 03h57m43s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'53, Lahiri = - 8°24'52 Julian Calendar 1 Jan. 323 BCE == Greg. Calendar 27 Dec. 324 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

FEBRUARY 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 6	8♒ 5'32	4♍20	25♒55	23♓55	13°R38	3°R28	21°R52	15♉51	29♏37	19°R 0	3°R53	4♉26	10♋18	n.a.	T 1
F 2	8 29 3	9° 5'33	16°43	27° 8	24°58	13♍30	3♋22	21♊49	15°52	29°38	18♉59	3♉43	4°23	10°24	n.a.	F 2
S 3	8 32 59	10° 5'33	29°15	28°15	26° 1	13°21	3°17	21°47	15°52	29°39	18°59	3°36	4°20	10°31	n.a.	S 3
S 4	8 36 56	11° 5'30	12♎ 0	29°14	27° 4	13°11	3°12	21°44	15°52	29°40	18°59	3°33	4°17	10°38	n.a.	S 4
M 5	8 40 53	12° 5'26	24°59	0♓ 6	28° 6	13° 0	3° 7	21°42	15°53	29°41	18°59	3°31	4°13	10°45	n.a.	M 5
T 6	8 44 49	13° 5'20	8♏15	0°50	29° 7	12°49	3° 3	21°40	15°53	29°42	18°D59	3°31	4°10	10°51	n.a.	T 6
W 7	8 48 46	14° 5'12	21°53	1°26	0♈ 9	12°37	2°58	21°38	15°54	29°43	18°59	3°31	4° 7	10°58	n.a.	W 7
T 8	8 52 42	15° 5'03	5♐52	1°53	1°10	12°24	2°54	21°36	15°54	29°44	18°59	3°30	4° 4	11° 5	n.a.	T 8
F 9	8 56 39	16° 4'52	20°14	2°11	2°10	12°11	2°50	21°34	15°55	29°45	18°59	3°26	4° 1	11°11	n.a.	F 9
S 10	9 0 35	17° 4'39	4♑57	2°20	3°10	11°56	2°45	21°32	15°56	29°46	18°59	3°20	3°57	11°18	n.a.	S 10
S 11	9 4 32	18° 4'24	19°55	2°R21	4°10	11°41	2°42	21°31	15°56	29°46	19° 0	3°11	3°54	11°25	n.a.	S 11
M12	9 8 28	19° 4'07	4♒59	2°13	5° 9	11°26	2°38	21°29	15°57	29°47	19° 0	3° 0	3°51	11°32	n.a.	M12
T 13	9 12 25	20° 3'48	20° 1	1°58	6° 8	11° 9	2°34	21°28	15°58	29°48	19° 0	2°49	3°48	11°38	n.a.	T 13
W14	9 16 22	21° 3'27	4♓50	1°34	7° 6	10°52	2°31	21°26	15°59	29°49	19° 0	2°39	3°45	11°45	n.a.	W14
T 15	9 20 18	22° 3'04	19°19	1° 4	8° 4	10°34	2°28	21°25	16° 0	29°49	19° 0	2°31	3°42	11°52	n.a.	T 15
F 16	9 24 15	23° 2'38	3♈20	0°27	9° 2	10°16	2°25	21°24	16° 1	29°50	19° 0	2°25	3°38	11°58	n.a.	F 16
S 17	9 28 11	24° 2'10	16°53	29♒45	9°58	9°57	2°22	21°23	16° 2	29°51	19° 1	2°22	3°35	12° 5	n.a.	S 17
S 18	9 32 8	25° 1'40	29°59	28°58	10°55	9°38	2°20	21°22	16° 3	29°51	19° 1	2°D21	3°32	12°12	n.a.	S 18
M19	9 36 4	26° 1'07	12♉39	28° 8	11°50	9°18	2°17	21°21	16° 4	29°52	19° 1	2°21	3°29	12°19	n.a.	M19
T 20	9 40 1	27° 0'32	25° 0	27°16	12°45	8°58	2°15	21°21	16° 5	29°52	19° 2	2°R22	3°26	12°25	n.a.	T 20
W21	9 43 57	27°59'54	7♊ 5	26°22	13°40	8°37	2°13	21°20	16° 7	29°53	19° 2	2°21	3°23	12°32	n.a.	W21
T 22	9 47 54	28°59'14	19° 1	25°29	14°34	8°16	2°11	21°20	16° 8	29°53	19° 2	2°19	3°19	12°39	n.a.	T 22
F 23	9 51 51	29°58'32	0♋52	24°36	15°27	7°54	2°10	21°19	16° 9	29°54	19° 3	2°14	3°16	12°45	n.a.	F 23
S 24	9 55 47	0♓57'47	12°43	23°46	16°19	7°32	2° 8	21°19	16°11	29°54	19° 3	2° 7	3°13	12°52	n.a.	S 24
S 25	9 59 44	1°57'00	24°36	22°59	17°11	7°10	2° 7	21°19	16°12	29°54	19° 3	1°58	3°10	12°59	n.a.	S 25
M26	10 3 40	2°56'10	6♌36	22°15	18° 2	6°48	2° 6	21°D19	16°13	29°55	19° 4	1°48	3° 7	13° 6	n.a.	M26
T 27	10 7 37	3°55'19	18°45	21°36	18°53	6°25	2° 5	21°19	16°15	29°55	19° 4	1°37	3° 3	13°12	n.a.	T 27
W28	10 11 33	4♓54'25	1♍ 2	21♒ 1	19♈42	6♍ 2	2♋ 4	21♊19	16♉17	29♏55	19♉ 5	1♉26	3♉ 0	13♋19	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s28	14n 2	4n19	12s 8	0n57	1s27	1n 5	10n 7	3n55	24n21	0n39	23n 9	0s20	16n37	0s11	18s53	1n28	9n26	8s35	12n58	13n 9	28n 1		n.a.
F 2	18 12	8 41	3 40	11 29	1 12	0 57	1 10	10 12	3 56	24 21	0 39	23 9	0 20	16 37	0 11	18 53	1 28	9 26	8 35	12 55	13 8	28 1		n.a.
S 3	17 56	2 54	2 50	10 53	1 27	0 27	1 16	10 16	3 57	24 21	0 39	23 9	0 20	16 37	0 11	18 54	1 28	9 26	8 34	12 52	13 7	28 0		n.a.
S 4	17 40	3s 6	1 51	10 18	1 41	0n 4	1 21	10 21	3 58	24 21	0 39	23 9	0 19	16 37	0 11	18 54	1 28	9 26	8 34	12 51	13 6	28 0		n.a.
M 5	17 23	9 5	0 45	9 46	1 56	0 34	1 27	10 26	4 0	24 21	0 39	23 9	0 19	16 37	0 11	18 54	1 28	9 26	8 34	12 51	13 5	28 0		n.a.
T 6	17 6	14 50	0s25	9 17	2 10	1 4	1 33	10 31	4 1	24 21	0 39	23 9	0 19	16 37	0 11	18 54	1 28	9 27	8 34	12 51	13 4	28 0		n.a.
W 7	16 48	20 0	1 35	8 51	2 24	1 34	1 39	10 37	4 2	24 22	0 39	23 9	0 19	16 38	0 11	18 54	1 28	9 27	8 33	12 51	13 3	28 0		n.a.
T 8	16 31	24 13	2 42	8 29	2 38	2 4	1 45	10 43	4 2	24 22	0 39	23 9	0 19	16 38	0 11	18 54	1 28	9 27	8 33	12 50	13 2	27 59		n.a.
F 9	16 13	27 2	3 40	8 11	2 50	2 33	1 50	10 49	4 3	24 22	0 40	23 9	0 19	16 38	0 11	18 55	1 28	9 27	8 33	12 49	13 1	27 59		n.a.
S 10	15 55	28 4	4 25	7 57	3 2	3 3	1 56	10 55	4 4	24 22	0 40	23 9	0 19	16 38	0 11	18 55	1 28	9 28	8 33	12 47	13 0	27 59		n.a.
S 11	15 36	27 4	4 53	7 46	3 13	3 33	2 2	11 2	4 5	24 22	0 40	23 9	0 18	16 38	0 11	18 55	1 28	9 28	8 32	12 44	12 59	27 59		n.a.
M12	15 17	24 7	5 1	7 40	3 22	4 2	2 8	11 8	4 5	24 22	0 40	23 9	0 18	16 39	0 11	18 55	1 28	9 28	8 32	12 40	12 57	27 58		n.a.
T 13	14 59	19 32	4 48	7 38	3 30	4 31	2 14	11 15	4 6	24 22	0 40	23 9	0 18	16 39	0 11	18 55	1 28	9 28	8 32	12 36	12 56	27 58		n.a.
W14	14 39	13 48	4 15	7 41	3 37	5 0	2 20	11 22	4 6	24 22	0 40	23 9	0 18	16 39	0 11	18 55	1 29	9 29	8 32	12 33	12 55	27 58		n.a.
T 15	14 20	7 27	3 27	7 47	3 41	5 29	2 26	11 29	4 7	24 22	0 40	23 9	0 18	16 39	0 11	18 55	1 29	9 29	8 32	12 30	12 54	27 57		n.a.
F 16	14 0	0 55	2 27	7 57	3 44	5 57	2 33	11 37	4 7	24 23	0 40	23 9	0 18	16 40	0 11	18 55	1 29	9 29	8 31	12 28	12 53	27 57		n.a.
S 17	13 40	5n28	1 21	8 11	3 46	6 25	2 39	11 44	4 7	24 23	0 40	23 10	0 18	16 40	0 11	18 56	1 29	9 30	8 31	12 27	12 52	27 57		n.a.
S 18	13 20	11 24	0 13	8 28	3 45	6 53	2 45	11 52	4 7	24 23	0 40	23 10	0 17	16 40	0 11	18 56	1 29	9 30	8 31	12 26	12 51	27 57		n.a.
M19	13 0	16 42	0n55	8 48	3 42	7 21	2 51	11 59	4 8	24 23	0 40	23 10	0 17	16 41	0 11	18 56	1 29	9 30	8 31	12 26	12 50	27 56		n.a.
T 20	12 40	21 9	1 58	9 10	3 38	7 49	2 57	12 7	4 7	24 23	0 40	23 10	0 17	16 41	0 11	18 56	1 29	9 30	8 30	12 26	12 49	27 56		n.a.
W21	12 19	24 37	2 54	9 34	3 31	8 16	3 3	12 15	4 7	24 23	0 40	23 10	0 17	16 41	0 11	18 56	1 29	9 31	8 30	12 26	12 48	27 56		n.a.
T 22	11 58	26 58	3 42	10 0	3 23	8 43	3 9	12 23	4 7	24 23	0 40	23 10	0 17	16 42	0 11	18 56	1 29	9 31	8 30	12 26	12 47	27 55		n.a.
F 23	11 37	28 4	4 20	10 26	3 14	9 9	3 16	12 31	4 7	24 23	0 40	23 10	0 17	16 42	0 11	18 56	1 29	9 31	8 30	12 24	12 45	27 55		n.a.
S 24	11 16	27 52	4 47	10 53	3 3	9 36	3 22	12 39	4 6	24 23	0 40	23 10	0 17	16 43	0 11	18 56	1 29	9 32	8 29	12 22	12 44	27 54		n.a.
S 25	10 55	26 24	5 1	11 20	2 51	10 1	3 28	12 47	4 6	24 23	0 40	23 10	0 17	16 43	0 11	18 56	1 29	9 32	8 29	12 18	12 43	27 54		n.a.
M26	10 33	23 43	5 2	11 47	2 37	10 27	3 34	12 55	4 5	24 23	0 40	23 11	0 16	16 44	0 11	18 56	1 29	9 32	8 29	12 15	12 42	27 54		n.a.
T 27	10 12	19 59	4 50	12 13	2 24	10 52	3 40	13 2	4 4	24 23	0 40	23 11	0 16	16 44	0 11	18 56	1 29	9 33	8 29	12 11	12 41	27 53		n.a.
W28	9s50	15n21	4n25	12s38	2n 9	11n17	3n46	13n10	4n 3	24n23	0n40	23n11	0s16	16n45	0s11	18s56	1n29	9n33	8s29	12n 7	12n40	27n53		n.a.

Julian Day Number = 1603478.5, Delta T = 03h57m42s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'48, Lahiri = - 8°24'48 Julian Calendar 1 Feb. 323 BCE == Greg. Calendar 27 Jan. 323 BCE

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

MARCH 323 BCE (-322) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 15 30	5♓53'28	13♍30	20°R32	20♈31	5°R39	2°R 4	21♊20	16♉18	29♏55	19♉ 5	1°R17	2♉57	13♋26	n.a.	T 1
F 2	10 19 26	6°52'30	26° 9	20♒ 8	21°19	5♍16	2♋ 4	21°20	16°20	29°55	19° 6	1♉ 9	2°54	13°32	n.a.	F 2
S 3	10 23 23	7°51'30	8♎59	19°50	22° 6	4°53	2°D 3	21°21	16°22	29°56	19° 6	1° 5	2°51	13°39	n.a.	S 3
S 4	10 27 19	8°50'27	22° 0	19°37	22°52	4°30	2° 4	21°21	16°23	29°56	19° 7	1° 2	2°48	13°46	n.a.	S 4
M 5	10 31 16	9°49'23	5♏13	19°30	23°37	4° 7	2° 4	21°22	16°25	29°56	19° 8	1°D 2	2°44	13°53	n.a.	M 5
T 6	10 35 13	10°48'17	18°39	19°D28	24°22	3°44	2° 4	21°23	16°27	29°56	19° 8	1° 3	2°41	13°59	n.a.	T 6
W 7	10 39 9	11°47'09	2♐20	19°32	25° 5	3°21	2° 5	21°24	16°29	29°R56	19° 9	1° 4	2°38	14° 6	n.a.	W 7
T 8	10 43 6	12°45'59	16°16	19°41	25°47	2°59	2° 6	21°25	16°31	29°56	19° 9	1°R 4	2°35	14°13	n.a.	T 8
F 9	10 47 2	13°44'48	0♑27	19°56	26°28	2°37	2° 7	21°26	16°33	29°56	19°10	1° 3	2°32	14°19	n.a.	F 9
S 10	10 50 59	14°43'34	14°51	20°15	27° 8	2°14	2° 8	21°28	16°35	29°56	19°11	1° 0	2°29	14°26	n.a.	S 10
S 11	10 54 55	15°42'19	29°26	20°39	27°47	1°53	2° 9	21°29	16°37	29°56	19°11	0°55	2°25	14°33	n.a.	S 11
M12	10 58 52	16°41'02	14♒ 5	21° 7	28°25	1°31	2°11	21°31	16°39	29°55	19°12	0°48	2°22	14°40	n.a.	M12
T 13	11 2 48	17°39'43	28°43	21°39	29° 1	1°10	2°13	21°32	16°41	29°55	19°13	0°41	2°19	14°46	n.a.	T 13
W14	11 6 45	18°38'22	13♓11	22°16	29°37	0°50	2°15	21°34	16°43	29°55	19°14	0°35	2°16	14°53	n.a.	W14
T 15	11 10 42	19°36'59	27°24	22°57	0♉10	0°30	2°17	21°36	16°46	29°55	19°14	0°30	2°13	15° 0	n.a.	T 15
F 16	11 14 38	20°35'34	11♈17	23°41	0°43	0°10	2°19	21°38	16°48	29°54	19°15	0°26	2° 9	15° 7	n.a.	F 16
S 17	11 18 35	21°34'07	24°46	24°28	1°14	29♌51	2°22	21°40	16°50	29°54	19°16	0°D25	2° 6	15°13	n.a.	S 17
S 18	11 22 31	22°32'38	7♉51	25°19	1°43	29°33	2°24	21°42	16°53	29°54	19°17	0°25	2° 3	15°20	n.a.	S 18
M19	11 26 28	23°31'06	20°34	26°14	2°11	29°15	2°27	21°44	16°55	29°53	19°18	0°26	2° 0	15°27	n.a.	M19
T 20	11 30 24	24°29'32	2♊58	27°11	2°37	28°58	2°30	21°47	16°57	29°53	19°19	0°28	1°57	15°33	n.a.	T 20
W21	11 34 21	25°27'56	15° 7	28°11	3° 2	28°41	2°33	21°49	17° 0	29°53	19°20	0°29	1°54	15°40	n.a.	W21
T 22	11 38 17	26°26'18	27° 6	29°14	3°25	28°25	2°37	21°52	17° 2	29°52	19°20	0°R30	1°50	15°47	n.a.	T 22
F 23	11 42 14	27°24'38	8♋59	0♓20	3°46	28°10	2°40	21°54	17° 5	29°52	19°21	0°29	1°47	15°54	n.a.	F 23
S 24	11 46 11	28°22'55	20°51	1°28	4° 5	27°56	2°44	21°57	17° 8	29°51	19°22	0°27	1°44	16° 0	n.a.	S 24
S 25	11 50 7	29°21'11	2♌47	2°38	4°22	27°42	2°48	22° 0	17°10	29°50	19°23	0°23	1°41	16° 7	n.a.	S 25
M26	11 54 4	0♈19'24	14°51	3°52	4°37	27°29	2°52	22° 3	17°13	29°50	19°24	0°19	1°38	16°14	n.a.	M26
T 27	11 58 0	1°17'35	27° 6	5° 7	4°50	27°17	2°56	22° 6	17°15	29°49	19°25	0°14	1°35	16°20	n.a.	T 27
W28	12 1 57	2°15'44	9♍33	6°25	5° 1	27° 5	3° 0	22° 9	17°18	29°49	19°26	0° 9	1°31	16°27	n.a.	W28
T 29	12 5 53	3°13'51	22°15	7°44	5°10	26°55	3° 5	22°12	17°21	29°48	19°27	0° 5	1°28	16°34	n.a.	T 29
F 30	12 9 50	4°11'56	5♎12	9° 6	5°16	26°45	3°10	22°16	17°24	29°47	19°28	0° 2	1°25	16°41	n.a.	F 30
S 31	12 13 46	5♈10'00	18♎22	10♓30	5♉21	26♌36	3♋15	22♊19	17♉26	29♏46	19♉29	0♉ 0	1♉22	16♋47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s28	10n 2	3n46	13s 1	1n54	11n41	3n52	13n18	4n 2	24n23	0n40	23n11	0s16	16n45	0s11	18s56	1n29	9n33	8s28	12n 4	12n39	27n52			n.a.
F 2	9 6	4 14	2 56	13 23	1 39	12 5	3 58	13 26	4 1	24 23	0 40	23 11	0 16	16 46	0 11	18 56	1 29	9 34	8 28	12 1	12 38	27 52			n.a.
S 3	8 44	1s50	1 55	13 44	1 24	12 29	4 4	13 33	4 0	24 23	0 40	23 11	0 16	16 46	0 11	18 56	1 29	9 34	8 28	12 0	12 37	27 52			n.a.
S 4	8 21	7 56	0 48	14 2	1 8	12 52	4 10	13 41	3 59	24 23	0 40	23 11	0 16	16 47	0 11	18 56	1 29	9 34	8 28	11 59	12 36	27 51			n.a.
M 5	7 59	13 47	0s22	14 19	0 53	13 14	4 16	13 48	3 58	24 23	0 40	23 12	0 16	16 47	0 11	18 56	1 29	9 35	8 27	11 59	12 34	27 51			n.a.
T 6	7 36	19 5	1 33	14 34	0 38	13 37	4 22	13 55	3 56	24 23	0 40	23 12	0 15	16 48	0 11	18 56	1 29	9 35	8 27	11 59	12 33	27 50			n.a.
W 7	7 14	23 30	2 40	14 46	0 24	13 58	4 28	14 2	3 55	24 23	0 40	23 12	0 15	16 48	0 11	18 56	1 29	9 36	8 27	11 59	12 32	27 50			n.a.
T 8	6 51	26 39	3 39	14 57	0 10	14 19	4 34	14 9	3 53	24 23	0 40	23 12	0 15	16 49	0 10	18 56	1 29	9 36	8 27	11 59	12 31	27 49			n.a.
F 9	6 28	28 10	4 25	15 5	0s 4	14 40	4 39	14 15	3 51	24 23	0 40	23 12	0 15	16 49	0 10	18 56	1 29	9 36	8 27	11 59	12 30	27 49			n.a.
S 10	6 5	27 48	4 56	15 12	0 17	15 0	4 45	14 22	3 49	24 23	0 40	23 13	0 15	16 50	0 10	18 56	1 30	9 37	8 26	11 58	12 29	27 48			n.a.
S 11	5 42	25 32	5 8	15 16	0 30	15 19	4 51	14 28	3 47	24 23	0 40	23 13	0 15	16 51	0 10	18 56	1 30	9 37	8 26	11 56	12 28	27 48			n.a.
M12	5 19	21 35	5 0	15 18	0 42	15 38	4 56	14 34	3 45	24 23	0 40	23 13	0 15	16 51	0 10	18 56	1 30	9 38	8 26	11 54	12 27	27 47			n.a.
T 13	4 56	16 18	4 32	15 19	0 54	15 57	5 1	14 40	3 43	24 23	0 40	23 13	0 14	16 52	0 10	18 56	1 30	9 38	8 26	11 51	12 26	27 47			n.a.
W14	4 33	10 11	3 47	15 17	1 5	16 14	5 7	14 45	3 41	24 23	0 40	23 14	0 14	16 53	0 10	18 55	1 30	9 38	8 26	11 49	12 25	27 46			n.a.
T 15	4 10	3 37	2 49	15 13	1 15	16 31	5 12	14 50	3 39	24 23	0 40	23 14	0 14	16 53	0 10	18 55	1 30	9 39	8 25	11 47	12 23	27 46			n.a.
F 16	3 46	2n57	1 42	15 8	1 25	16 48	5 17	14 55	3 37	24 23	0 40	23 14	0 14	16 54	0 10	18 55	1 30	9 39	8 25	11 46	12 22	27 45			n.a.
S 17	3 23	9 14	0 31	15 0	1 34	17 3	5 21	15 0	3 34	24 23	0 40	23 14	0 14	16 55	0 10	18 55	1 30	9 40	8 25	11 46	12 21	27 45			n.a.
S 18	3 0	14 56	0n40	14 51	1 43	17 18	5 26	15 4	3 32	24 23	0 40	23 15	0 14	16 55	0 10	18 55	1 30	9 40	8 25	11 46	12 20	27 44			n.a.
M19	2 36	19 50	1 47	14 40	1 51	17 32	5 31	15 8	3 29	24 23	0 40	23 15	0 14	16 56	0 10	18 55	1 30	9 40	8 24	11 46	12 19	27 44			n.a.
T 20	2 13	23 45	2 48	14 27	1 58	17 46	5 35	15 12	3 27	24 23	0 40	23 15	0 14	16 57	0 10	18 55	1 30	9 41	8 24	11 47	12 18	27 43			n.a.
W21	1 49	26 32	3 39	14 12	2 5	17 58	5 39	15 16	3 24	24 22	0 40	23 15	0 13	16 57	0 10	18 55	1 30	9 41	8 24	11 47	12 17	27 43			n.a.
T 22	1 26	28 3	4 21	13 55	2 11	18 10	5 43	15 19	3 22	24 22	0 40	23 16	0 13	16 58	0 10	18 55	1 30	9 42	8 24	11 47	12 16	27 42			n.a.
F 23	1 3	28 15	4 50	13 37	2 16	18 21	5 47	15 22	3 19	24 22	0 40	23 16	0 13	16 59	0 10	18 54	1 30	9 42	8 24	11 47	12 15	27 41			n.a.
S 24	0 39	27 9	5 8	13 17	2 21	18 31	5 50	15 24	3 16	24 22	0 40	23 16	0 13	17 0	0 10	18 54	1 30	9 42	8 24	11 46	12 13	27 41			n.a.
S 25	0 16	24 50	5 12	12 55	2 26	18 40	5 54	15 27	3 14	24 22	0 40	23 17	0 13	17 0	0 10	18 54	1 30	9 43	8 23	11 45	12 12	27 40			n.a.
M26	0n 8	21 23	5 2	12 32	2 29	18 48	5 57	15 29	3 11	24 22	0 40	23 17	0 13	17 1	0 10	18 54	1 30	9 43	8 23	11 43	12 11	27 40			n.a.
T 27	0 31	16 59	4 39	12 7	2 33	18 55	5 59	15 30	3 8	24 22	0 40	23 17	0 13	17 2	0 10	18 54	1 30	9 44	8 23	11 42	12 10	27 39			n.a.
W28	0 55	11 48	4 2	11 40	2 35	19 1	6 1	15 32	3 5	24 22	0 40	23 17	0 13	17 3	0 10	18 54	1 30	9 44	8 23	11 40	12 9	27 38			n.a.
T 29	1 18	6 3	3 12	11 12	2 37	19 6	6 3	15 33	3 2	24 22	0 40	23 18	0 12	17 4	0 10	18 53	1 30	9 45	8 23	11 38	12 8	27 38			n.a.
F 30	1 41	0s 4	2 12	10 42	2 38	19 10	6 5	15 33	2 59	24 22	0 40	23 18	0 12	17 4	0 10	18 53	1 30	9 45	8 22	11 37	12 7	27 37			n.a.
S 31	2n 5	6s19	1n 3	10s10	2s39	19n12	6n 6	15n34	2n57	24n21	0n40	23n18	0s12	17n 5	0s10	18s53	1n30	9n46	8s22	11n37	12n 6	27n36			n.a.

Julian Day Number = 1603506.5, Delta T = 03h57m41s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'45, Lahiri = - 8°24'44 Julian Calendar 1 March 323 BCE == Greg. Calendar 24 Feb. 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

APRIL 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 17 43	6♈ 8'01	1♏47	11♓57	5°R23	26°R27	3♋20	22♊23	17♉29	29°R46	19♉30	29°D59	1♉19	16♋54	n.a.	S 1
M 2	12 21 39	7° 6'02	15°23	13°25	5♉22	26♎20	3°25	22°26	17°32	29♏45	19°31	0♉ 1	1°15	17° 1	n.a.	M 2
T 3	12 25 36	8° 4'00	29°11	14°55	5°19	26°13	3°30	22°30	17°35	29°44	19°32	0° 2	1°12	17° 7	n.a.	T 3
W 4	12 29 33	9° 1'57	13♐ 7	16°27	5°14	26° 7	3°36	22°34	17°38	29°43	19°34	0° 3	1° 9	17°14	n.a.	W 4
T 5	12 33 29	9°59'53	27°12	18° 2	5° 7	26° 2	3°41	22°38	17°41	29°42	19°35	0° 4	1° 6	17°21	n.a.	T 5
F 6	12 37 26	10°57'48	11♑23	19°38	4°57	25°58	3°47	22°42	17°44	29°41	19°36	0°R 5	1° 3	17°28	n.a.	F 6
S 7	12 41 22	11°55'41	25°38	21°16	4°44	25°54	3°53	22°46	17°47	29°41	19°37	0° 4	1° 0	17°34	n.a.	S 7
S 8	12 45 19	12°53'33	9♒54	22°56	4°29	25°52	3°59	22°50	17°50	29°40	19°38	0° 3	0°56	17°41	n.a.	S 8
M 9	12 49 15	13°51'23	24° 9	24°38	4°12	25°50	4° 5	22°54	17°53	29°39	19°39	0° 1	0°53	17°48	n.a.	M 9
T 10	12 53 12	14°49'12	8♓18	26°22	3°52	25°49	4°12	22°59	17°56	29°38	19°41	29♈59	0°50	17°54	n.a.	T 10
W11	12 57 8	15°47'00	22°18	28° 8	3°30	25°D48	4°18	23° 3	17°59	29°37	19°42	29°57	0°47	18° 1	n.a.	W11
T 12	13 1 5	16°44'46	6♈ 6	29°56	3° 6	25°49	4°25	23° 8	18° 2	29°36	19°43	29°56	0°44	18° 8	n.a.	T 12
F 13	13 5 2	17°42'30	19°38	1♈46	2°40	25°50	4°32	23°12	18° 6	29°34	19°44	29°55	0°40	18°15	n.a.	F 13
S 14	13 8 58	18°40'14	2♉53	3°38	2°12	25°52	4°38	23°17	18° 9	29°33	19°45	29°D55	0°37	18°21	n.a.	S 14
S 15	13 12 55	19°37'55	15°49	5°32	1°42	25°54	4°46	23°21	18°12	29°32	19°47	29°55	0°34	18°28	n.a.	S 15
M16	13 16 51	20°35'36	28°27	7°28	1°11	25°58	4°53	23°26	18°15	29°31	19°48	29°56	0°31	18°35	n.a.	M16
T 17	13 20 48	21°33'14	10♊50	9°26	0°37	26° 2	5° 0	23°31	18°18	29°30	19°49	29°57	0°28	18°42	n.a.	T 17
W18	13 24 44	22°30'52	22°59	11°25	0° 3	26° 7	5° 8	23°36	18°22	29°29	19°50	29°58	0°25	18°48	n.a.	W18
T 19	13 28 41	23°28'27	4♋59	13°27	29♈27	26°13	5°15	23°41	18°25	29°28	19°52	29°58	0°21	18°55	n.a.	T 19
F 20	13 32 37	24°26'01	16°53	15°30	28°51	26°19	5°23	23°46	18°28	29°26	19°53	29°59	0°18	19° 2	n.a.	F 20
S 21	13 36 34	25°23'34	28°47	17°35	28°14	26°26	5°31	23°52	18°32	29°25	19°54	29°R59	0°15	19° 8	n.a.	S 21
S 22	13 40 31	26°21'05	10♎44	19°41	27°36	26°34	5°39	23°57	18°35	29°24	19°56	29°58	0°12	19°15	n.a.	S 22
M23	13 44 27	27°18'34	22°49	21°48	26°58	26°42	5°47	24° 2	18°38	29°22	19°57	29°58	0° 9	19°22	n.a.	M23
T 24	13 48 24	28°16'02	5♍ 6	23°57	26°20	26°51	5°55	24° 8	18°42	29°21	19°58	29°58	0° 6	19°29	n.a.	T 24
W25	13 52 20	29°13'28	17°39	26° 7	25°42	27° 1	6° 3	24°13	18°45	29°20	19°59	29°58	0° 2	19°35	n.a.	W25
T 26	13 56 17	0♉10'53	0♎30	28°18	25° 5	27°11	6°12	24°19	18°48	29°18	20° 1	29°D58	29♈59	19°42	n.a.	T 26
F 27	14 0 13	1° 8'17	13°41	0♉29	24°29	27°22	6°20	24°24	18°52	29°17	20° 2	29°58	29°56	19°49	n.a.	F 27
S 28	14 4 10	2° 5'40	27°11	2°41	23°54	27°33	6°29	24°30	18°55	29°16	20° 3	29°R58	29°53	19°55	n.a.	S 28
S 29	14 8 6	3° 3'02	10♏59	4°52	23°20	27°46	6°38	24°36	18°59	29°14	20° 5	29°58	29°50	20° 2	n.a.	S 29
M30	14 12 3	4♉ 0'22	25♏ 3	7♉ 4	22♈47	27♎58	6♋47	24♊42	19♉ 2	29♏13	20♉ 6	29♈58	29♈46	20♋ 9	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n28	12s23	0s10	9s37	2s39	19n14	6n 7	15n34	2n54	24n21	0n40	23n19	0s12	17n 6	0s10	18s53	1n30	9n46	8s22	11n37	12n 4	27n36		n.a.
M 2	2 51	17 59	1 24	9 2	2 39	19 14	6 8	15 34	2 51	24 21	0 40	23 19	0 12	17 7	0 10	18 53	1 30	9 46	8 22	11 37	12 3	27 35		n.a.
T 3	3 14	22 43	2 34	8 26	2 38	19 13	6 8	15 34	2 48	24 21	0 40	23 19	0 12	17 8	0 10	18 52	1 30	9 47	8 22	11 37	12 2	27 34		n.a.
W 4	3 37	26 13	3 35	7 48	2 37	19 11	6 7	15 33	2 45	24 21	0 40	23 20	0 12	17 8	0 10	18 52	1 30	9 47	8 22	11 38	12 1	27 34		n.a.
T 5	4 0	28 7	4 25	7 9	2 34	19 7	6 6	15 32	2 42	24 21	0 40	23 20	0 12	17 9	0 10	18 52	1 30	9 48	8 21	11 38	12 0	27 33		n.a.
F 6	4 23	28 12	4 58	6 29	2 32	19 2	6 4	15 31	2 39	24 20	0 40	23 20	0 12	17 10	0 10	18 52	1 31	9 48	8 21	11 38	11 59	27 32		n.a.
S 7	4 46	26 25	5 14	5 46	2 29	18 56	6 2	15 29	2 36	24 20	0 40	23 21	0 11	17 11	0 10	18 52	1 31	9 49	8 21	11 38	11 58	27 32		n.a.
S 8	5 9	22 58	5 10	5 3	2 25	18 48	6 0	15 28	2 34	24 20	0 40	23 21	0 11	17 12	0 10	18 51	1 31	9 49	8 21	11 38	11 57	27 31		n.a.
M 9	5 32	18 9	4 48	4 18	2 20	18 39	5 56	15 26	2 31	24 20	0 40	23 21	0 11	17 13	0 10	18 51	1 31	9 50	8 21	11 37	11 56	27 30		n.a.
T 10	5 55	12 22	4 8	3 32	2 16	18 28	5 52	15 23	2 28	24 20	0 40	23 22	0 11	17 14	0 10	18 51	1 31	9 50	8 21	11 36	11 54	27 29		n.a.
W11	6 17	6 2	3 13	2 44	2 10	18 16	5 48	15 21	2 25	24 19	0 40	23 22	0 11	17 15	0 10	18 51	1 31	9 51	8 20	11 36	11 53	27 29		n.a.
T 12	6 40	0n30	2 8	1 55	2 4	18 3	5 42	15 18	2 22	24 19	0 40	23 22	0 11	17 15	0 10	18 50	1 31	9 51	8 20	11 35	11 52	27 28		n.a.
F 13	7 2	6 54	0 57	1 5	1 58	17 48	5 37	15 15	2 19	24 19	0 40	23 23	0 11	17 16	0 10	18 50	1 31	9 51	8 20	11 35	11 51	27 27		n.a.
S 14	7 24	12 53	0n16	0 14	1 51	17 32	5 30	15 12	2 17	24 19	0 40	23 23	0 11	17 17	0 10	18 50	1 31	9 52	8 20	11 35	11 50	27 26		n.a.
S 15	7 46	18 10	1 27	0n39	1 43	17 15	5 23	15 8	2 14	24 18	0 40	23 24	0 11	17 18	0 10	18 50	1 31	9 52	8 20	11 35	11 49	27 26		n.a.
M16	8 8	22 31	2 31	1 32	1 36	16 56	5 15	15 4	2 11	24 18	0 40	23 24	0 10	17 19	0 10	18 49	1 31	9 53	8 20	11 35	11 48	27 25		n.a.
T 17	8 30	25 46	3 28	2 27	1 27	16 36	5 6	15 0	2 8	24 18	0 40	23 24	0 10	17 20	0 10	18 49	1 31	9 53	8 20	11 36	11 47	27 24		n.a.
W18	8 52	27 46	4 13	3 22	1 18	16 15	4 57	14 56	2 6	24 18	0 39	23 25	0 10	17 21	0 10	18 49	1 31	9 54	8 20	11 36	11 45	27 23		n.a.
T 19	9 14	28 25	4 47	4 19	1 9	15 53	4 47	14 52	2 3	24 17	0 39	23 25	0 10	17 22	0 10	18 48	1 31	9 54	8 19	11 36	11 44	27 22		n.a.
F 20	9 35	27 45	5 8	5 15	1 0	15 30	4 37	14 47	2 0	24 17	0 39	23 25	0 10	17 23	0 10	18 48	1 31	9 55	8 19	11 36	11 43	27 22		n.a.
S 21	9 56	25 49	5 17	6 13	0 50	15 6	4 26	14 42	1 58	24 17	0 39	23 26	0 10	17 24	0 10	18 48	1 31	9 55	8 19	11 36	11 42	27 21		n.a.
S 22	10 18	22 44	5 11	7 11	0 40	14 41	4 14	14 37	1 55	24 16	0 39	23 26	0 10	17 25	0 10	18 48	1 31	9 56	8 19	11 36	11 41	27 20		n.a.
M23	10 39	18 40	4 52	8 9	0 29	14 16	4 2	14 31	1 52	24 16	0 39	23 26	0 10	17 26	0 10	18 47	1 31	9 56	8 19	11 36	11 40	27 19		n.a.
T 24	10 59	13 46	4 19	9 7	0 19	13 50	3 49	14 26	1 50	24 16	0 39	23 27	0 10	17 27	0 10	18 47	1 31	9 56	8 19	11 36	11 39	27 18		n.a.
W25	11 20	8 12	3 33	10 5	0 8	13 24	3 36	14 20	1 47	24 15	0 39	23 27	0 9	17 28	0 10	18 47	1 31	9 57	8 19	11 36	11 37	27 17		n.a.
T 26	11 41	2 11	2 36	11 2	0n 2	12 58	3 23	14 14	1 45	24 15	0 39	23 27	0 9	17 29	0 10	18 46	1 31	9 57	8 19	11 36	11 36	27 17		n.a.
F 27	12 1	4s 6	1 29	11 59	0 13	12 32	3 10	14 8	1 42	24 14	0 39	23 28	0 9	17 29	0 10	18 46	1 31	9 58	8 18	11 36	11 35	27 16		n.a.
S 28	12 21	10 22	0 15	12 55	0 23	12 6	2 56	14 2	1 40	24 14	0 39	23 28	0 9	17 30	0 10	18 46	1 31	9 58	8 18	11 36	11 34	27 15		n.a.
S 29	12 41	16 16	1s 1	13 50	0 33	11 40	2 42	13 55	1 37	24 14	0 39	23 28	0 9	17 31	0 10	18 45	1 31	9 59	8 18	11 36	11 33	27 14		n.a.
M30	13n 1	21s26	2s15	14n43	0n43	11n15	2n28	13n48	1n35	24n13	0n39	23n29	0s 9	17n32	0s10	18s45	1n31	9n59	8s18	11n36	11n32	27n13		n.a.

Julian Day Number = 1603537.5, Delta T = 03h57m40s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'40, Lahiri = - 8°24'40 Julian Calendar 1 Apr. 323 BCE == Greg. Calendar 27 March 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

MAY 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 16 0	4♉57'42	9♐18	9♉15	22°R16	28♌12	6♋56	24♊47	19♉ 6	29°R11	20♉ 8	29°R57	29♈43	20♋16	n.a.	T 1
W 2	14 19 56	5°55'01	23°39	11°25	21♈47	28°25	7° 5	24°53	19° 9	29♏10	20° 9	29♈57	29°40	20°22	n.a.	W 2
T 3	14 23 53	6°52'20	8♑ 3	13°34	21°19	28°40	7°14	24°59	19°12	29° 9	20°10	29°56	29°37	20°29	n.a.	T 3
F 4	14 27 49	7°49'38	22°25	15°42	20°54	28°55	7°23	25° 5	19°16	29° 7	20°12	29°55	29°34	20°36	n.a.	F 4
S 5	14 31 46	8°46'55	6♒42	17°49	20°31	29°10	7°33	25°11	19°19	29° 6	20°13	29°D55	29°31	20°43	n.a.	S 5
S 6	14 35 42	9°44'12	20°50	19°53	20°10	29°26	7°42	25°18	19°23	29° 4	20°14	29°55	29°27	20°49	n.a.	S 6
M 7	14 39 39	10°41'28	4♓48	21°56	19°51	29°43	7°52	25°24	19°26	29° 3	20°16	29°56	29°24	20°56	n.a.	M 7
T 8	14 43 35	11°38'43	18°34	23°57	19°35	29°59	8° 1	25°30	19°30	29° 1	20°17	29°57	29°21	21° 3	n.a.	T 8
W 9	14 47 32	12°35'58	2♈ 8	25°56	19°21	0♍17	8°11	25°37	19°34	29° 0	20°19	29°58	29°18	21° 9	n.a.	W 9
T 10	14 51 29	13°33'12	15°30	27°53	19° 9	0°35	8°21	25°43	19°37	28°58	20°20	29°59	29°15	21°16	n.a.	T 10
F 11	14 55 25	14°30'26	28°37	29°48	19° 0	0°54	8°31	25°49	19°41	28°57	20°21	29°R59	29°12	21°23	n.a.	F 11
S 12	14 59 22	15°27'40	11♉32	1♊40	18°53	1°13	8°41	25°56	19°44	28°55	20°23	29°59	29° 8	21°30	n.a.	S 12
S 13	15 3 18	16°24'53	24°12	3°30	18°49	1°32	8°51	26° 2	19°48	28°53	20°24	29°58	29° 5	21°36	n.a.	S 13
M14	15 7 15	17°22'05	6♊40	5°17	18°D47	1°52	9° 1	26° 9	19°51	28°52	20°26	29°56	29° 2	21°43	n.a.	M14
T 15	15 11 11	18°19'16	18°56	7° 2	18°47	2°13	9°12	26°16	19°55	28°50	20°27	29°53	28°59	21°50	n.a.	T 15
W16	15 15 8	19°16'27	1♋ 2	8°45	18°50	2°33	9°22	26°22	19°58	28°49	20°29	29°50	28°56	21°56	n.a.	W16
T 17	15 19 5	20°13'38	13° 1	10°25	18°54	2°55	9°33	26°29	20° 2	28°47	20°30	29°47	28°52	22° 3	n.a.	T 17
F 18	15 23 1	21°10'47	24°54	12° 3	19° 2	3°16	9°43	26°36	20° 5	28°45	20°31	29°45	28°49	22°10	n.a.	F 18
S 19	15 26 58	22° 7'56	6♌47	13°38	19°11	3°38	9°54	26°43	20° 9	28°44	20°33	29°43	28°46	22°17	n.a.	S 19
S 20	15 30 54	23° 5'05	18°43	15°11	19°22	4° 1	10° 5	26°50	20°13	28°42	20°34	29°D42	28°43	22°23	n.a.	S 20
M21	15 34 51	24° 2'12	0♍46	16°41	19°35	4°24	10°16	26°57	20°16	28°41	20°36	29°42	28°40	22°30	n.a.	M21
T 22	15 38 47	24°59'19	13° 3	18° 9	19°51	4°47	10°26	27° 4	20°20	28°39	20°37	29°43	28°37	22°37	n.a.	T 22
W23	15 42 44	25°56'26	25°36	19°34	20° 8	5°11	10°37	27°11	20°23	28°37	20°38	29°44	28°33	22°44	n.a.	W23
T 24	15 46 40	26°53'32	8♎30	20°57	20°27	5°35	10°48	27°18	20°27	28°36	20°40	29°46	28°30	22°50	n.a.	T 24
F 25	15 50 37	27°50'37	21°47	22°17	20°48	5°59	11° 0	27°25	20°30	28°34	20°41	29°47	28°27	22°57	n.a.	F 25
S 26	15 54 34	28°47'43	5♏29	23°34	21°10	6°24	11°11	27°32	20°34	28°33	20°43	29°R47	28°24	23° 4	n.a.	S 26
S 27	15 58 30	29°44'48	19°34	24°48	21°34	6°49	11°22	27°39	20°37	28°31	20°44	29°46	28°21	23°10	n.a.	S 27
M28	16 2 27	0♊41'52	4♐ 1	26° 0	22° 0	7°14	11°33	27°46	20°41	28°29	20°45	29°43	28°17	23°17	n.a.	M28
T 29	16 6 23	1°38'57	18°42	27° 9	22°28	7°40	11°45	27°53	20°44	28°28	20°47	29°39	28°14	23°24	n.a.	T 29
W30	16 10 20	2°36'02	3♑30	28°15	22°57	8° 6	11°56	28° 1	20°48	28°26	20°48	29°35	28°11	23°31	n.a.	W30
T 31	16 14 16	3♊33'07	18♑19	29♊18	23♈27	8♍32	12♋ 8	28♊ 8	20♉51	28♏24	20♉50	29♈30	28♈ 8	23♋37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	13n20	25s26	3s21	15n35	0n53	10n50	2n14	13n41	1n32	24n13	0n39	23n29	0s 9	17n33	0s10	18s45	1n31	10n 0	8s18	11n36	11n31	27n12			n.a.
W 2	13 39	27 50	4 15	16 26	1 2	10 26	2 0	13 34	1 30	24 12	0 39	23 29	0 9	17 34	0 10	18 44	1 31	10 0	8 18	11 35	11 30	27 11			n.a.
T 3	13 59	28 22	4 54	17 14	1 11	10 2	1 45	13 27	1 28	24 12	0 39	23 30	0 9	17 35	0 10	18 44	1 31	10 0	8 18	11 35	11 28	27 10			n.a.
F 4	14 18	27 0	5 14	18 1	1 20	9 40	1 31	13 20	1 25	24 11	0 39	23 30	0 8	17 36	0 10	18 44	1 31	10 1	8 18	11 35	11 27	27 9			n.a.
S 5	14 36	23 53	5 14	18 45	1 27	9 18	1 18	13 12	1 23	24 11	0 39	23 30	0 8	17 37	0 10	18 43	1 31	10 1	8 18	11 35	11 26	27 8			n.a.
S 6	14 55	19 23	4 56	19 27	1 34	8 58	1 4	13 4	1 21	24 10	0 39	23 31	0 8	17 38	0 10	18 43	1 31	10 2	8 18	11 35	11 25	27 8			n.a.
M 7	15 13	13 53	4 20	20 6	1 41	8 38	0 51	12 56	1 19	24 9	0 39	23 31	0 8	17 39	0 10	18 43	1 31	10 2	8 18	11 35	11 24	27 7			n.a.
T 8	15 31	7 47	3 29	20 43	1 47	8 20	0 37	12 48	1 16	24 9	0 39	23 31	0 8	17 40	0 10	18 42	1 31	10 3	8 18	11 36	11 23	27 6			n.a.
W 9	15 49	1 24	2 28	21 18	1 52	8 2	0 25	12 40	1 14	24 8	0 39	23 32	0 8	17 41	0 10	18 42	1 31	10 3	8 17	11 36	11 22	27 5			n.a.
T 10	16 6	4n57	1 19	21 50	1 57	7 46	0 12	12 31	1 12	24 8	0 39	23 32	0 8	17 42	0 10	18 42	1 31	10 3	8 17	11 36	11 20	27 4			n.a.
F 11	16 23	11 0	0 8	22 19	2 0	7 32	0s 0	12 23	1 10	24 7	0 39	23 32	0 8	17 43	0 10	18 41	1 31	10 4	8 17	11 36	11 19	27 3			n.a.
S 12	16 40	16 29	1n 3	22 46	2 3	7 18	0 12	12 14	1 8	24 6	0 40	23 33	0 8	17 44	0 10	18 41	1 31	10 4	8 17	11 36	11 18	27 2			n.a.
S 13	16 57	21 9	2 10	23 10	2 6	7 6	0 24	12 5	1 6	24 6	0 40	23 33	0 8	17 45	0 10	18 41	1 31	10 5	8 17	11 36	11 17	27 1			n.a.
M14	17 14	24 47	3 9	23 32	2 7	6 55	0 35	11 56	1 4	24 5	0 40	23 33	0 7	17 46	0 10	18 40	1 31	10 5	8 17	11 35	11 16	27 0			n.a.
T 15	17 30	27 13	3 58	23 52	2 8	6 45	0 46	11 46	1 2	24 4	0 40	23 34	0 7	17 47	0 10	18 40	1 31	10 6	8 17	11 34	11 15	26 59			n.a.
W16	17 46	28 20	4 36	24 9	2 9	6 36	0 56	11 37	0 59	24 3	0 40	23 34	0 7	17 48	0 10	18 40	1 31	10 6	8 17	11 33	11 14	26 58			n.a.
T 17	18 1	28 5	5 1	24 24	2 8	6 29	1 6	11 27	0 57	24 3	0 40	23 34	0 7	17 49	0 10	18 39	1 31	10 6	8 17	11 32	11 12	26 57			n.a.
F 18	18 17	26 32	5 13	24 37	2 7	6 22	1 16	11 17	0 56	24 2	0 40	23 34	0 7	17 50	0 10	18 39	1 31	10 7	8 17	11 31	11 11	26 56			n.a.
S 19	18 32	23 50	5 12	24 47	2 5	6 17	1 25	11 8	0 54	24 1	0 40	23 35	0 7	17 51	0 10	18 39	1 31	10 7	8 17	11 31	11 10	26 55			n.a.
S 20	18 46	20 6	4 57	24 56	2 2	6 14	1 34	10 57	0 52	24 0	0 40	23 35	0 7	17 52	0 10	18 38	1 31	10 8	8 17	11 30	11 9	26 54			n.a.
M21	19 1	15 31	4 29	25 2	1 59	6 11	1 42	10 47	0 50	24 0	0 40	23 35	0 7	17 53	0 10	18 38	1 31	10 8	8 17	11 30	11 8	26 52			n.a.
T 22	19 15	10 15	3 49	25 7	1 55	6 9	1 50	10 37	0 48	23 59	0 40	23 36	0 7	17 54	0 10	18 37	1 31	10 8	8 17	11 31	11 7	26 51			n.a.
W23	19 29	4 28	2 57	25 9	1 50	6 8	1 58	10 26	0 46	23 58	0 40	23 36	0 7	17 55	0 10	18 37	1 31	10 9	8 17	11 31	11 6	26 50			n.a.
T 24	19 42	1s40	1 54	25 10	1 45	6 9	2 6	10 16	0 44	23 57	0 40	23 36	0 7	17 56	0 9	18 37	1 31	10 9	8 17	11 32	11 4	26 49			n.a.
F 25	19 55	7 55	0 44	25 10	1 39	6 10	2 13	10 5	0 42	23 56	0 40	23 36	0 6	17 57	0 9	18 36	1 31	10 10	8 17	11 32	11 3	26 48			n.a.
S 26	20 8	14 0	0s31	25 7	1 33	6 13	2 19	9 54	0 40	23 55	0 40	23 36	0 6	17 58	0 9	18 36	1 31	10 10	8 17	11 32	11 2	26 47			n.a.
S 27	20 21	19 33	1 46	25 4	1 26	6 16	2 26	9 43	0 39	23 54	0 40	23 37	0 6	17 59	0 9	18 36	1 31	10 10	8 17	11 32	11 1	26 46			n.a.
M28	20 33	24 6	2 56	24 58	1 18	6 20	2 32	9 32	0 37	23 53	0 40	23 37	0 6	18 0	0 9	18 35	1 31	10 11	8 17	11 31	11 0	26 45			n.a.
T 29	20 45	27 10	3 55	24 52	1 10	6 25	2 37	9 21	0 35	23 52	0 40	23 37	0 6	18 0	0 9	18 35	1 31	10 11	8 17	11 29	10 59	26 44			n.a.
W30	20 56	28 21	4 40	24 44	1 1	6 31	2 43	9 9	0 33	23 51	0 40	23 37	0 6	18 1	0 9	18 35	1 31	10 11	8 17	11 28	10 58	26 43			n.a.
T 31	21n 7	27s30	5s 5	24n35	0n51	6n37	2s48	8n57	0n32	23n50	0n40	23n38	0s 6	18n 2	0s 9	18s34	1n31	10n12	8s17	11n26	10n56	26n41			n.a.

Julian Day Number = 1603567.5, Delta T = 03h57m39s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'36, Lahiri = - 8°24'36 Julian Calendar 1 May 323 BCE == Greg. Calendar 26 Apr. 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

JUNE 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 18 13	4♊30'13	3♒ 0	0♋18	23♈59	8♍59	12♋19	28♊15	20♉55	28°R23	20♉51	29°R26	28♈ 5	23♋44	n.a.	F 1
S 2	16 22 9	5°27'18	17°27	1°14	24°32	9°26	12°31	28°23	20°58	28♏21	20°52	29♈24	28° 2	23°51	n.a.	S 2
S 3	16 26 6	6°24'24	1♓38	2° 8	25° 7	9°53	12°43	28°30	21° 2	28°20	20°54	29°D22	27°58	23°58	n.a.	S 3
M 4	16 30 3	7°21'30	15°30	2°58	25°43	10°21	12°54	28°37	21° 5	28°18	20°55	29°23	27°55	24° 4	n.a.	M 4
T 5	16 33 59	8°18'37	29° 3	3°44	26°20	10°49	13° 6	28°45	21° 9	28°16	20°56	29°24	27°52	24°11	n.a.	T 5
W 6	16 37 56	9°15'44	12♈19	4°27	26°58	11°17	13°18	28°52	21°12	28°15	20°58	29°25	27°49	24°18	n.a.	W 6
T 7	16 41 52	10°12'52	25°20	5° 6	27°37	11°46	13°30	29° 0	21°15	28°13	20°59	29°R26	27°46	24°24	n.a.	T 7
F 8	16 45 49	11°10'00	8♉ 6	5°41	28°17	12°14	13°42	29° 7	21°19	28°12	21° 1	29°26	27°43	24°31	n.a.	F 8
S 9	16 49 45	12° 7'08	20°41	6°13	28°59	12°43	13°54	29°15	21°22	28°10	21° 2	29°24	27°39	24°38	n.a.	S 9
S 10	16 53 42	13° 4'17	3♊ 6	6°40	29°41	13°13	14° 6	29°22	21°26	28° 9	21° 3	29°20	27°36	24°45	n.a.	S 10
M11	16 57 39	14° 1'27	15°21	7° 2	0♉24	13°42	14°18	29°30	21°29	28° 7	21° 5	29°13	27°33	24°51	n.a.	M11
T 12	17 1 35	14°58'37	27°28	7°20	1° 9	14°12	14°30	29°37	21°32	28° 6	21° 6	29° 6	27°30	24°58	n.a.	T 12
W13	17 5 32	15°55'47	9♋28	7°34	1°54	14°42	14°43	29°45	21°36	28° 4	21° 7	28°57	27°27	25° 5	n.a.	W13
T 14	17 9 28	16°52'58	21°23	7°43	2°40	15°13	14°55	29°53	21°39	28° 3	21° 8	28°48	27°23	25°12	n.a.	T 14
F 15	17 13 25	17°50'08	3♌15	7°R47	3°26	15°44	15° 7	0♋ 0	21°42	28° 1	21°10	28°40	27°20	25°18	n.a.	F 15
S 16	17 17 21	18°47'20	15° 6	7°47	4°14	16°14	15°20	0° 8	21°45	28° 0	21°11	28°34	27°17	25°25	n.a.	S 16
S 17	17 21 18	19°44'31	27° 1	7°41	5° 2	16°46	15°32	0°16	21°49	27°58	21°12	28°29	27°14	25°32	n.a.	S 17
M18	17 25 14	20°41'43	9♍ 2	7°31	5°51	17°17	15°44	0°23	21°52	27°57	21°14	28°26	27°11	25°38	n.a.	M18
T 19	17 29 11	21°38'55	21°16	7°15	6°41	17°49	15°57	0°31	21°55	27°55	21°15	28°D26	27° 8	25°45	n.a.	T 19
W20	17 33 8	22°36'08	3♎45	6°55	7°31	18°20	16° 9	0°39	21°58	27°54	21°16	28°26	27° 4	25°52	n.a.	W20
T 21	17 37 4	23°33'21	16°36	6°31	8°22	18°53	16°22	0°46	22° 1	27°52	21°17	28°27	27° 1	25°59	n.a.	T 21
F 22	17 41 1	24°30'34	29°52	6° 3	9°14	19°25	16°35	0°54	22° 5	27°51	21°18	28°R27	26°58	26° 5	n.a.	F 22
S 23	17 44 57	25°27'48	13♏36	5°30	10° 6	19°57	16°47	1° 2	22° 8	27°49	21°20	28°26	26°55	26°12	n.a.	S 23
S 24	17 48 54	26°25'03	27°48	4°54	10°59	20°30	17° 0	1°10	22°11	27°48	21°21	28°23	26°52	26°19	n.a.	S 24
M25	17 52 50	27°22'18	12♐25	4°15	11°53	21° 3	17°13	1°17	22°14	27°47	21°22	28°18	26°49	26°25	n.a.	M25
T 26	17 56 47	28°19'34	27°23	3°34	12°47	21°36	17°25	1°25	22°17	27°45	21°23	28°11	26°45	26°32	n.a.	T 26
W27	18 0 43	29°16'51	12♑33	2°51	13°41	22°10	17°38	1°33	22°20	27°44	21°24	28° 2	26°42	26°39	n.a.	W27
T 28	18 4 40	0♋14'09	27°43	2° 7	14°36	22°43	17°51	1°41	22°23	27°43	21°26	27°53	26°39	26°46	n.a.	T 28
F 29	18 8 37	1°11'28	12♒45	1°23	15°32	23°17	18° 4	1°48	22°26	27°41	21°27	27°45	26°36	26°52	n.a.	F 29
S 30	18 12 33	2♋ 8'48	27♒28	0♋39	16♉28	23♍51	18♋16	1♋56	22♉29	27♏40	21♉28	27♈39	26♈33	26♋59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n18	24s45	5s10	24n25	0n41	6n45	2s53	8n46	0n30	23n49	0n40	23n38	0s 6	18n 3	0s 9	18s34	1n31	10n12	8s17	11n25	10n55	26n40		n.a.
S 2	21 29	20 29	4 56	24 14	0 31	6 53	2 57	8 34	0 28	23 48	0 40	23 38	0 6	18 4	0 9	18 34	1 31	10 12	8 17	11 24	10 54	26 39		n.a.
S 3	21 39	15 7	4 23	24 3	0 20	7 2	3 1	8 22	0 27	23 47	0 40	23 38	0 6	18 5	0 9	18 33	1 31	10 13	8 17	11 23	10 53	26 38		n.a.
M 4	21 49	9 6	3 36	23 50	0 8	7 11	3 5	8 10	0 25	23 46	0 40	23 38	0 5	18 6	0 9	18 33	1 31	10 13	8 17	11 23	10 52	26 37		n.a.
T 5	21 58	2 47	2 37	23 37	0s 4	7 21	3 9	7 58	0 23	23 45	0 40	23 38	0 5	18 7	0 9	18 33	1 31	10 14	8 17	11 24	10 51	26 36		n.a.
W 6	22 7	3n31	1 32	23 23	0 17	7 32	3 12	7 45	0 22	23 44	0 40	23 39	0 5	18 8	0 9	18 32	1 31	10 14	8 17	11 24	10 50	26 34		n.a.
T 7	22 15	9 34	0 22	23 9	0 30	7 43	3 15	7 33	0 20	23 42	0 40	23 39	0 5	18 9	0 9	18 32	1 31	10 14	8 17	11 25	10 48	26 33		n.a.
F 8	22 24	15 7	0n47	22 54	0 43	7 55	3 18	7 20	0 19	23 41	0 40	23 39	0 5	18 10	0 9	18 32	1 31	10 15	8 17	11 24	10 47	26 32		n.a.
S 9	22 31	19 57	1 52	22 39	0 57	8 8	3 20	7 8	0 17	23 40	0 40	23 39	0 5	18 11	0 9	18 31	1 31	10 15	8 17	11 24	10 46	26 31		n.a.
S 10	22 39	23 50	2 52	22 23	1 11	8 20	3 23	6 55	0 16	23 39	0 40	23 39	0 5	18 12	0 9	18 31	1 31	10 15	8 17	11 22	10 45	26 30		n.a.
M11	22 46	26 36	3 42	22 8	1 25	8 34	3 25	6 42	0 14	23 37	0 40	23 39	0 5	18 12	0 9	18 31	1 31	10 15	8 17	11 20	10 44	26 28		n.a.
T 12	22 53	28 4	4 22	21 52	1 40	8 47	3 27	6 29	0 13	23 36	0 40	23 39	0 5	18 13	0 9	18 30	1 31	10 16	8 17	11 17	10 43	26 27		n.a.
W13	22 59	28 12	4 49	21 37	1 54	9 1	3 29	6 16	0 11	23 35	0 40	23 40	0 5	18 14	0 9	18 30	1 31	10 16	8 17	11 14	10 41	26 26		n.a.
T 14	23 5	27 1	5 4	21 22	2 9	9 16	3 30	6 3	0 10	23 33	0 40	23 40	0 5	18 15	0 9	18 30	1 31	10 16	8 17	11 11	10 40	26 25		n.a.
F 15	23 10	24 37	5 6	21 7	2 24	9 30	3 31	5 49	0 8	23 32	0 40	23 40	0 4	18 16	0 9	18 29	1 31	10 17	8 17	11 8	10 39	26 23		n.a.
S 16	23 15	21 11	4 54	20 52	2 38	9 46	3 32	5 36	0 7	23 31	0 40	23 40	0 4	18 17	0 9	18 29	1 31	10 17	8 17	11 6	10 38	26 22		n.a.
S 17	23 20	16 52	4 30	20 38	2 53	10 1	3 33	5 22	0 5	23 29	0 40	23 40	0 4	18 18	0 9	18 29	1 31	10 17	8 17	11 4	10 37	26 21		n.a.
M18	23 24	11 52	3 53	20 24	3 7	10 17	3 34	5 9	0 4	23 28	0 40	23 40	0 4	18 18	0 9	18 28	1 31	10 18	8 17	11 3	10 36	26 20		n.a.
T 19	23 28	6 21	3 6	20 12	3 21	10 32	3 34	4 55	0 3	23 26	0 40	23 40	0 4	18 19	0 9	18 28	1 31	10 18	8 17	11 3	10 35	26 18		n.a.
W20	23 32	0 27	2 8	20 0	3 34	10 49	3 35	4 41	0 1	23 25	0 41	23 40	0 4	18 20	0 9	18 28	1 31	10 18	8 17	11 3	10 33	26 17		n.a.
T 21	23 35	5s38	1 3	19 48	3 46	11 5	3 35	4 27	0s 0	23 23	0 41	23 40	0 4	18 21	0 9	18 28	1 31	10 18	8 17	11 3	10 32	26 16		n.a.
F 22	23 37	11 41	0s 8	19 38	3 58	11 21	3 35	4 13	0 1	23 22	0 41	23 40	0 4	18 22	0 9	18 27	1 31	10 19	8 17	11 4	10 31	26 14		n.a.
S 23	23 39	17 23	1 20	19 29	4 8	11 38	3 35	3 59	0 3	23 20	0 41	23 40	0 4	18 23	0 9	18 27	1 31	10 19	8 17	11 3	10 30	26 13		n.a.
S 24	23 41	22 21	2 30	19 21	4 18	11 55	3 34	3 45	0 4	23 19	0 41	23 40	0 4	18 23	0 9	18 27	1 31	10 19	8 17	11 2	10 29	26 12		n.a.
M25	23 43	26 4	3 32	19 14	4 26	12 12	3 34	3 30	0 5	23 17	0 41	23 40	0 4	18 24	0 9	18 26	1 30	10 19	8 17	11 0	10 28	26 11		n.a.
T 26	23 44	28 4	4 21	19 9	4 33	12 29	3 33	3 16	0 7	23 16	0 41	23 40	0 3	18 25	0 9	18 26	1 30	10 20	8 17	10 57	10 26	26 9		n.a.
W27	23 44	27 59	4 53	19 5	4 38	12 46	3 32	3 1	0 8	23 14	0 41	23 40	0 3	18 26	0 9	18 26	1 30	10 20	8 18	10 54	10 25	26 8		n.a.
T 28	23 44	25 50	5 3	19 2	4 41	13 3	3 31	2 47	0 9	23 12	0 41	23 40	0 3	18 27	0 9	18 26	1 30	10 20	8 18	10 51	10 24	26 6		n.a.
F 29	23 44	21 52	4 53	19 1	4 43	13 20	3 30	2 32	0 11	23 11	0 41	23 40	0 3	18 27	0 9	18 25	1 30	10 20	8 18	10 48	10 23	26 5		n.a.
S 30	23n43	16s37	4s24	19n 1	4s43	13n38	3s29	2n18	0s12	23n 9	0n41	23n40	0s 3	18n28	0s 9	18s25	1n30	10n20	8s18	10n46	10n22	26n 4		n.a.

Julian Day Number = 1603598.5, Delta T = 03h57m38s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'32, Lahiri = - 8°24'32 Julian Calendar 1 June 323 BCE == Greg. Calendar 27 May 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

JULY 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 16 30	3♋ 6'09	11♓49	29°R57	17♉24	24♍25	18♋29	2♋ 4	22♉32	27°R39	21♉29	27°R35	26♈29	27♋ 6	n.a.	S 1
M 2	18 20 26	4° 3'32	25°45	29♊17	18°21	25° 0	18°42	2°12	22°35	27♏38	21°30	27♈33	26°26	27°13	n.a.	M 2
T 3	18 24 23	5° 0'56	9♈15	28°39	19°19	25°34	18°55	2°19	22°37	27°37	21°31	27°D33	26°23	27°19	n.a.	T 3
W 4	18 28 19	5°58'21	22°23	28° 6	20°17	26° 9	19° 8	2°27	22°40	27°35	21°32	27°R33	26°20	27°26	n.a.	W 4
T 5	18 32 16	6°55'48	5♉12	27°37	21°15	26°44	19°21	2°35	22°43	27°34	21°33	27°33	26°17	27°33	n.a.	T 5
F 6	18 36 13	7°53'16	17°45	27°13	22°14	27°19	19°34	2°43	22°46	27°33	21°34	27°31	26°14	27°39	n.a.	F 6
S 7	18 40 9	8°50'45	0♊ 6	26°54	23°13	27°54	19°47	2°50	22°48	27°32	21°35	27°27	26°10	27°46	n.a.	S 7
S 8	18 44 6	9°48'16	12°17	26°41	24°12	28°30	20° 0	2°58	22°51	27°31	21°36	27°20	26° 7	27°53	n.a.	S 8
M 9	18 48 2	10°45'49	24°21	26°D35	25°12	29° 5	20°13	3° 6	22°54	27°30	21°37	27°11	26° 4	28° 0	n.a.	M 9
T 10	18 51 59	11°43'23	6♋20	26°35	26°12	29°41	20°26	3°13	22°56	27°29	21°38	26°59	26° 1	28° 6	n.a.	T 10
W11	18 55 55	12°40'58	18°15	26°42	27°13	0♎17	20°39	3°21	22°59	27°28	21°39	26°46	25°58	28°13	n.a.	W11
T 12	18 59 52	13°38'34	0♌ 7	26°56	28°14	0°53	20°52	3°29	23° 2	27°27	21°40	26°32	25°55	28°20	n.a.	T 12
F 13	19 3 48	14°36'11	11°59	27°17	29°15	1°30	21° 5	3°36	23° 4	27°26	21°41	26°20	25°51	28°27	n.a.	F 13
S 14	19 7 45	15°33'50	23°51	27°46	0♊16	2° 6	21°18	3°44	23° 7	27°25	21°42	26° 9	25°48	28°33	n.a.	S 14
S 15	19 11 42	16°31'30	5♍46	28°21	1°18	2°43	21°31	3°52	23° 9	27°24	21°43	26° 0	25°45	28°40	n.a.	S 15
M16	19 15 38	17°29'11	17°48	29° 3	2°20	3°20	21°44	3°59	23°11	27°23	21°44	25°55	25°42	28°47	n.a.	M16
T 17	19 19 35	18°26'53	0♎ 0	29°52	3°23	3°57	21°58	4° 7	23°14	27°22	21°45	25°52	25°39	28°53	n.a.	T 17
W18	19 23 31	19°24'37	12°27	0♋48	4°25	4°34	22°11	4°15	23°16	27°21	21°46	25°51	25°35	29° 0	n.a.	W18
T 19	19 27 28	20°22'22	25°13	1°50	5°28	5°11	22°24	4°22	23°18	27°20	21°46	25°51	25°32	29° 7	n.a.	T 19
F 20	19 31 24	21°20'08	8♏23	2°59	6°32	5°49	22°37	4°30	23°21	27°20	21°47	25°50	25°29	29°14	n.a.	F 20
S 21	19 35 21	22°17'55	22° 1	4°13	7°35	6°27	22°50	4°37	23°23	27°19	21°48	25°49	25°26	29°20	n.a.	S 21
S 22	19 39 17	23°15'44	6♐ 8	5°34	8°39	7° 4	23° 3	4°45	23°25	27°18	21°49	25°45	25°23	29°27	n.a.	S 22
M23	19 43 14	24°13'34	20°44	6°59	9°43	7°42	23°16	4°52	23°27	27°17	21°50	25°38	25°20	29°34	n.a.	M23
T 24	19 47 11	25°11'26	5♑44	8°30	10°47	8°20	23°29	5° 0	23°29	27°17	21°50	25°29	25°16	29°41	n.a.	T 24
W25	19 51 7	26° 9'19	21° 0	10° 5	11°52	8°59	23°42	5° 7	23°31	27°16	21°51	25°19	25°13	29°47	n.a.	W25
T 26	19 55 4	27° 7'14	6♒21	11°44	12°56	9°37	23°56	5°14	23°33	27°15	21°52	25° 8	25°10	29°54	n.a.	T 26
F 27	19 59 0	28° 5'10	21°35	13°27	14° 1	10°15	24° 9	5°22	23°35	27°15	21°52	24°58	25° 7	0♌ 1	n.a.	F 27
S 28	20 2 57	29° 3'08	6♓33	15°13	15° 7	10°54	24°22	5°29	23°37	27°14	21°53	24°50	25° 4	0° 7	n.a.	S 28
S 29	20 6 53	0♌ 1'08	21° 6	17° 2	16°12	11°33	24°35	5°37	23°39	27°14	21°54	24°45	25° 1	0°14	n.a.	S 29
M30	20 10 50	0°59'10	5♈10	18°53	17°18	12°12	24°48	5°44	23°41	27°13	21°54	24°42	24°57	0°21	n.a.	M30
T 31	20 14 46	1♌57'14	18♈46	20♋46	18♊24	12♎51	25♋ 1	5♋51	23♉43	27♏13	21♉55	24♈41	24♈54	0♌28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n42	10s34	3s38	19n 3	4s41	13n55	3s28	2n 3	0s13	23n 7	0n41	23n40	0s 3	18n29	0s 9	18s25	1n30	10n21	8s18	10n44	10n21	26n 2			n.a.
M 2	23 40	4 10	2 41	19 6	4 38	14 12	3 26	1 48	0 14	23 5	0 41	23 40	0 3	18 30	0 9	18 25	1 30	10 21	8 18	10 44	10 19	26 1			n.a.
T 3	23 38	2n15	1 36	19 11	4 32	14 29	3 25	1 33	0 15	23 4	0 41	23 40	0 3	18 30	0 9	18 24	1 30	10 21	8 18	10 44	10 18	26 0			n.a.
W 4	23 36	8 24	0 27	19 18	4 26	14 47	3 23	1 18	0 17	23 2	0 41	23 40	0 3	18 31	0 9	18 24	1 30	10 21	8 18	10 44	10 17	25 58			n.a.
T 5	23 33	14 3	0n41	19 26	4 17	15 4	3 21	1 3	0 18	23 0	0 41	23 40	0 3	18 32	0 9	18 24	1 30	10 21	8 18	10 44	10 16	25 57			n.a.
F 6	23 30	19 1	1 45	19 35	4 7	15 21	3 19	0 48	0 19	22 58	0 41	23 40	0 3	18 33	0 9	18 24	1 30	10 22	8 18	10 43	10 15	25 55			n.a.
S 7	23 26	23 5	2 43	19 46	3 56	15 38	3 17	0 32	0 20	22 56	0 41	23 40	0 2	18 33	0 9	18 24	1 30	10 22	8 18	10 42	10 14	25 54			n.a.
S 8	23 22	26 4	3 33	19 58	3 44	15 54	3 15	0 17	0 21	22 55	0 41	23 40	0 2	18 34	0 9	18 23	1 30	10 22	8 18	10 39	10 12	25 53			n.a.
M 9	23 18	27 50	4 13	20 11	3 31	16 11	3 13	0 2	0 22	22 53	0 42	23 40	0 2	18 35	0 9	18 23	1 30	10 22	8 18	10 36	10 11	25 51			n.a.
T 10	23 13	28 16	4 41	20 25	3 17	16 28	3 10	0s14	0 23	22 51	0 42	23 40	0 2	18 35	0 9	18 23	1 30	10 22	8 19	10 31	10 10	25 50			n.a.
W11	23 7	27 22	4 57	20 40	3 2	16 44	3 8	0 29	0 24	22 49	0 42	23 39	0 2	18 36	0 9	18 23	1 30	10 22	8 19	10 27	10 9	25 48			n.a.
T 12	23 2	25 15	4 59	20 55	2 47	17 0	3 5	0 45	0 26	22 47	0 42	23 39	0 2	18 37	0 9	18 23	1 30	10 23	8 19	10 22	10 8	25 47			n.a.
F 13	22 56	22 2	4 49	21 11	2 31	17 16	3 3	1 1	0 27	22 45	0 42	23 39	0 2	18 37	0 9	18 22	1 30	10 23	8 19	10 17	10 7	25 45			n.a.
S 14	22 49	17 55	4 26	21 28	2 15	17 32	3 0	1 16	0 28	22 43	0 42	23 39	0 2	18 38	0 9	18 22	1 30	10 23	8 19	10 13	10 5	25 44			n.a.
S 15	22 42	13 5	3 52	21 45	1 59	17 47	2 57	1 32	0 29	22 41	0 42	23 39	0 2	18 39	0 9	18 22	1 30	10 23	8 19	10 10	10 4	25 42			n.a.
M16	22 35	7 44	3 6	22 1	1 43	18 2	2 54	1 48	0 30	22 39	0 42	23 39	0 2	18 39	0 9	18 22	1 30	10 23	8 19	10 8	10 3	25 41			n.a.
T 17	22 27	2 1	2 12	22 18	1 26	18 17	2 51	2 3	0 31	22 37	0 42	23 39	0 2	18 40	0 9	18 22	1 30	10 23	8 19	10 7	10 2	25 39			n.a.
W18	22 19	3s54	1 10	22 34	1 11	18 32	2 48	2 19	0 32	22 35	0 42	23 39	0 2	18 40	0 9	18 22	1 30	10 23	8 19	10 6	10 1	25 38			n.a.
T 19	22 10	9 50	0 3	22 49	0 55	18 46	2 45	2 35	0 33	22 33	0 42	23 38	0 1	18 41	0 9	18 21	1 29	10 23	8 19	10 6	10 0	25 36			n.a.
F 20	22 1	15 31	1s 6	23 3	0 40	19 0	2 42	2 51	0 34	22 31	0 42	23 38	0 1	18 41	0 9	18 21	1 29	10 23	8 20	10 6	9 58	25 35			n.a.
S 21	21 52	20 39	2 13	23 15	0 25	19 14	2 39	3 7	0 35	22 28	0 42	23 38	0 1	18 42	0 9	18 21	1 29	10 24	8 20	10 6	9 57	25 33			n.a.
S 22	21 42	24 48	3 15	23 27	0 10	19 27	2 36	3 23	0 36	22 26	0 43	23 38	0 1	18 43	0 9	18 21	1 29	10 24	8 20	10 4	9 56	25 32			n.a.
M23	21 32	27 31	4 7	23 36	0n 3	19 41	2 32	3 39	0 37	22 24	0 43	23 38	0 1	18 43	0 9	18 21	1 29	10 24	8 20	10 2	9 55	25 30			n.a.
T 24	21 22	28 19	4 43	23 44	0 16	19 53	2 29	3 55	0 38	22 22	0 43	23 37	0 1	18 44	0 9	18 21	1 29	10 24	8 20	9 59	9 54	25 29			n.a.
W25	21 11	27 0	4 59	23 49	0 28	20 5	2 25	4 11	0 39	22 20	0 43	23 37	0 1	18 44	0 9	18 21	1 29	10 24	8 20	9 55	9 53	25 27			n.a.
T 26	21 0	23 40	4 54	23 52	0 40	20 17	2 22	4 28	0 40	22 18	0 43	23 37	0 1	18 45	0 9	18 21	1 29	10 24	8 20	9 51	9 51	25 26			n.a.
F 27	20 48	18 43	4 29	23 53	0 50	20 29	2 18	4 44	0 40	22 15	0 43	23 37	0 1	18 45	0 9	18 21	1 29	10 24	8 20	9 47	9 50	25 24			n.a.
S 28	20 36	12 41	3 45	23 51	1 0	20 40	2 15	5 0	0 41	22 13	0 43	23 37	0 1	18 46	0 9	18 21	1 29	10 24	8 21	9 44	9 49	25 23			n.a.
S 29	20 24	6 8	2 47	23 46	1 8	20 50	2 11	5 16	0 42	22 11	0 43	23 36	0 1	18 46	0 9	18 20	1 29	10 24	8 21	9 42	9 48	25 21			n.a.
M30	20 11	0n32	1 41	23 39	1 16	21 1	2 7	5 32	0 43	22 8	0 43	23 36	0 0	18 47	0 9	18 20	1 29	10 24	8 21	9 41	9 47	25 19			n.a.
T 31	19n58	6n58	0s31	23n29	1n23	21n10	2s 4	5s48	0s44	22n 6	0n43	23n36	0s 0	18n47	0s 9	18s20	1n29	10n24	8s21	9n41	9n46	25n18			n.a.

Julian Day Number = 1603628.5, Delta T = 03h57m37s
Ecliptic obliquity = 23°44'11, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'28, Lahiri = - 8°24'28 Julian Calendar 1 July 323 BCE == Greg. Calendar 26 June 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

AUGUST 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 18 43	2♌55'20	1♉56	22♋41	19♊30	13♎30	25♋14	5♋58	23♉44	27°R12	21♉55	24°R41	24♈51	0♌34	n.a.	W 1
T 2	20 22 40	3°53'29	14°42	24°36	20°36	14° 9	25°27	6° 5	23°46	27♏12	21°56	24♈40	24°48	0°41	n.a.	T 2
F 3	20 26 36	4°51'39	27°10	26°32	21°42	14°49	25°40	6°13	23°48	27°12	21°57	24°39	24°45	0°48	n.a.	F 3
S 4	20 30 33	5°49'52	9♊24	28°29	22°49	15°28	25°53	6°20	23°49	27°11	21°57	24°35	24°41	0°55	n.a.	S 4
S 5	20 34 29	6°48'06	21°28	0♌26	23°56	16° 8	26° 6	6°27	23°51	27°11	21°58	24°28	24°38	1° 1	n.a.	S 5
M 6	20 38 26	7°46'23	3♋25	2°23	25° 3	16°48	26°19	6°34	23°53	27°11	21°58	24°18	24°35	1° 8	n.a.	M 6
T 7	20 42 22	8°44'42	15°19	4°19	26°10	17°28	26°32	6°41	23°54	27°10	21°59	24° 6	24°32	1°15	n.a.	T 7
W 8	20 46 19	9°43'03	27°11	6°15	27°18	18° 8	26°45	6°48	23°55	27°10	21°59	23°53	24°29	1°21	n.a.	W 8
T 9	20 50 15	10°41'25	9♌ 3	8°10	28°25	18°48	26°58	6°55	23°57	27°10	21°59	23°40	24°26	1°28	n.a.	T 9
F 10	20 54 12	11°39'50	20°56	10° 5	29°33	19°28	27°11	7° 2	23°58	27°10	22° 0	23°27	24°22	1°35	n.a.	F 10
S 11	20 58 9	12°38'17	2♍53	11°59	0♋41	20° 9	27°24	7° 8	23°59	27°10	22° 0	23°16	24°19	1°42	n.a.	S 11
S 12	21 2 5	13°36'45	14°54	13°52	1°49	20°49	27°37	7°15	24° 1	27°10	22° 1	23° 7	24°16	1°48	n.a.	S 12
M13	21 6 2	14°35'15	27° 1	15°44	2°58	21°30	27°50	7°22	24° 2	27° 9	22° 1	23° 2	24°13	1°55	n.a.	M13
T 14	21 9 58	15°33'47	9♎18	17°35	4° 6	22°11	28° 2	7°29	24° 3	27°D 9	22° 1	22°59	24°10	2° 2	n.a.	T 14
W15	21 13 55	16°32'21	21°48	19°25	5°15	22°52	28°15	7°35	24° 4	27° 9	22° 1	22°D58	24° 7	2° 8	n.a.	W15
T 16	21 17 51	17°30'57	4♏34	21°14	6°23	23°33	28°28	7°42	24° 5	27° 9	22° 2	22°58	24° 3	2°15	n.a.	T 16
F 17	21 21 48	18°29'34	17°41	23° 2	7°32	24°14	28°41	7°48	24° 6	27°10	22° 2	22°R58	24° 0	2°22	n.a.	F 17
S 18	21 25 44	19°28'14	1♐11	24°49	8°41	24°55	28°53	7°55	24° 7	27°10	22° 2	22°58	23°57	2°29	n.a.	S 18
S 19	21 29 41	20°26'55	15° 8	26°35	9°50	25°37	29° 6	8° 1	24° 8	27°10	22° 2	22°55	23°54	2°35	n.a.	S 19
M20	21 33 38	21°25'38	29°31	28°20	11° 0	26°18	29°19	8° 8	24° 9	27°10	22° 3	22°51	23°51	2°42	n.a.	M20
T 21	21 37 34	22°24'23	14♑19	0♍ 4	12° 9	27° 0	29°31	8°14	24°10	27°10	22° 3	22°44	23°47	2°49	n.a.	T 21
W22	21 41 31	23°23'09	29°24	1°47	13°19	27°41	29°44	8°20	24°10	27°10	22° 3	22°35	23°44	2°56	n.a.	W22
T 23	21 45 27	24°21'58	14♒38	3°28	14°29	28°23	29°56	8°26	24°11	27°11	22° 3	22°26	23°41	3° 2	n.a.	T 23
F 24	21 49 24	25°20'48	29°51	5° 9	15°38	29° 5	0♌ 9	8°33	24°12	27°11	22° 3	22°18	23°38	3° 9	n.a.	F 24
S 25	21 53 20	26°19'41	14♓51	6°49	16°49	29°47	0°21	8°39	24°12	27°11	22° 3	22°12	23°35	3°16	n.a.	S 25
S 26	21 57 17	27°18'36	29°30	8°28	17°59	0♏29	0°33	8°45	24°13	27°12	22° 3	22° 7	23°32	3°22	n.a.	S 26
M27	22 1 13	28°17'33	13♈42	10° 6	19° 9	1°11	0°46	8°51	24°13	27°12	22°R 3	22° 5	23°28	3°29	n.a.	M27
T 28	22 5 10	29°16'32	27°26	11°44	20°19	1°54	0°58	8°56	24°14	27°13	22° 3	22°D 5	23°25	3°36	n.a.	T 28
W29	22 9 6	0♍15'34	10♉42	13°20	21°30	2°36	1°10	9° 2	24°14	27°13	22° 3	22° 6	23°22	3°43	n.a.	W29
T 30	22 13 3	1°14'38	23°32	14°55	22°41	3°19	1°23	9° 8	24°14	27°14	22° 3	22° 7	23°19	3°49	n.a.	T 30
F 31	22 17 0	2♍13'45	6♊ 2	16♍30	23♋51	4♏ 1	1♌35	9♋14	24♉14	27♏14	22♉ 3	22°R 7	23♈16	3♌56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	19n45	12n53	0n38	23n16	1n29	21n19	2s 0	6s 5	0s45	22n 4	0n43	23n36	0s 0	18n48	0s 9	18s20	1n29	10n24	8s21	9n41		9n44		25n16			n.a.
T 2	19 31	18 6	1 44	23 1	1 34	21 28	1 56	6 21	0 46	22 2	0 43	23 35	0 0	18 48	0 9	18 20	1 29	10 24	8 21	9 40		9 43		25 15			n.a.
F 3	19 17	22 24	2 43	22 43	1 39	21 36	1 52	6 37	0 47	21 59	0 44	23 35	0 0	18 48	0 9	18 20	1 29	10 24	8 21	9 40		9 42		25 13			n.a.
S 4	19 3	25 38	3 33	22 23	1 42	21 44	1 48	6 53	0 47	21 57	0 44	23 35	0n 0	18 49	0 9	18 20	1 29	10 24	8 21	9 38		9 41		25 11			n.a.
S 5	18 48	27 40	4 13	22 1	1 45	21 51	1 44	7 10	0 48	21 54	0 44	23 35	0 0	18 49	0 9	18 20	1 29	10 24	8 22	9 36		9 40		25 10			n.a.
M 6	18 33	28 22	4 41	21 36	1 46	21 58	1 41	7 26	0 49	21 52	0 44	23 34	0 0	18 50	0 9	18 20	1 29	10 24	8 22	9 32		9 38		25 8			n.a.
T 7	18 18	27 46	4 57	21 9	1 48	22 4	1 37	7 42	0 50	21 50	0 44	23 34	0 0	18 50	0 9	18 20	1 28	10 24	8 22	9 28		9 37		25 6			n.a.
W 8	18 2	25 53	5 0	20 41	1 48	22 10	1 33	7 58	0 51	21 47	0 44	23 34	0 0	18 50	0 9	18 20	1 28	10 24	8 22	9 23		9 36		25 5			n.a.
T 9	17 46	22 52	4 50	20 11	1 48	22 15	1 29	8 15	0 51	21 45	0 44	23 34	0 0	18 51	0 9	18 20	1 28	10 24	8 22	9 18		9 35		25 3			n.a.
F 10	17 30	18 54	4 27	19 39	1 47	22 19	1 25	8 31	0 52	21 42	0 44	23 33	0 1	18 51	0 9	18 20	1 28	10 24	8 22	9 13		9 34		25 1			n.a.
S 11	17 13	14 11	3 53	19 6	1 46	22 23	1 21	8 47	0 53	21 40	0 44	23 33	0 1	18 51	0 9	18 20	1 28	10 24	8 22	9 9		9 33		25 0			n.a.
S 12	16 57	8 54	3 7	18 31	1 44	22 26	1 17	9 3	0 54	21 37	0 45	23 33	0 1	18 52	0 9	18 20	1 28	10 24	8 23	9 6		9 31		24 58			n.a.
M13	16 40	3 14	2 13	17 56	1 41	22 29	1 13	9 19	0 54	21 35	0 45	23 33	0 1	18 52	0 9	18 20	1 28	10 24	8 23	9 4		9 30		24 56			n.a.
T 14	16 22	2s38	1 12	17 19	1 38	22 31	1 9	9 36	0 55	21 32	0 45	23 32	0 1	18 52	0 9	18 20	1 28	10 24	8 23	9 2		9 29		24 55			n.a.
W15	16 4	8 30	0 6	16 41	1 35	22 33	1 5	9 52	0 56	21 30	0 45	23 32	0 1	18 52	0 9	18 20	1 28	10 24	8 23	9 2		9 28		24 53			n.a.
T 16	15 47	14 10	1s 1	16 2	1 31	22 34	1 1	10 8	0 57	21 27	0 45	23 32	0 1	18 53	0 9	18 20	1 28	10 24	8 23	9 2		9 27		24 51			n.a.
F 17	15 28	19 21	2 8	15 23	1 27	22 34	0 57	10 24	0 57	21 25	0 45	23 31	0 1	18 53	0 9	18 21	1 28	10 24	8 23	9 2		9 25		24 50			n.a.
S 18	15 10	23 44	3 9	14 43	1 23	22 34	0 53	10 40	0 58	21 22	0 45	23 31	0 1	18 53	0 9	18 21	1 28	10 24	8 23	9 2		9 24		24 48			n.a.
S 19	14 51	26 53	4 1	14 2	1 18	22 33	0 49	10 56	0 59	21 20	0 45	23 31	0 1	18 53	0 9	18 21	1 28	10 23	8 24	9 1		9 23		24 46			n.a.
M20	14 32	28 24	4 40	13 21	1 13	22 31	0 46	11 12	0 59	21 17	0 45	23 31	0 1	18 54	0 9	18 21	1 28	10 23	8 24	8 59		9 22		24 44			n.a.
T 21	14 13	27 56	5 1	12 39	1 8	22 29	0 42	11 28	1 0	21 15	0 46	23 30	0 2	18 54	0 9	18 21	1 28	10 23	8 24	8 57		9 21		24 43			n.a.
W22	13 53	25 27	5 2	11 57	1 2	22 26	0 38	11 43	1 1	21 12	0 46	23 30	0 2	18 54	0 9	18 21	1 28	10 23	8 24	8 54		9 20		24 41			n.a.
T 23	13 34	21 8	4 42	11 14	0 57	22 23	0 34	11 59	1 1	21 10	0 46	23 30	0 2	18 54	0 9	18 21	1 28	10 23	8 24	8 50		9 18		24 39			n.a.
F 24	13 14	15 26	4 2	10 31	0 51	22 19	0 30	12 15	1 2	21 7	0 46	23 29	0 2	18 54	0 9	18 21	1 27	10 23	8 24	8 47		9 17		24 37			n.a.
S 25	12 54	8 53	3 6	9 48	0 44	22 14	0 26	12 30	1 2	21 5	0 46	23 29	0 2	18 54	0 9	18 21	1 27	10 23	8 24	8 45		9 16		24 36			n.a.
S 26	12 33	2 0	1 58	9 5	0 38	22 9	0 22	12 46	1 3	21 2	0 46	23 29	0 2	18 55	0 9	18 22	1 27	10 23	8 25	8 43		9 15		24 34			n.a.
M27	12 13	4n47	0 45	8 22	0 32	22 3	0 19	13 2	1 4	20 59	0 46	23 28	0 2	18 55	0 9	18 22	1 27	10 23	8 25	8 42		9 14		24 32			n.a.
T 28	11 52	11 8	0n29	7 38	0 25	21 56	0 15	13 17	1 4	20 57	0 47	23 28	0 2	18 55	0 9	18 22	1 27	10 22	8 25	8 42		9 12		24 30			n.a.
W29	11 31	16 46	1 38	6 55	0 18	21 49	0 11	13 32	1 5	20 54	0 47	23 28	0 2	18 55	0 9	18 22	1 27	10 22	8 25	8 43		9 11		24 29			n.a.
T 30	11 10	21 29	2 41	6 11	0 11	21 41	0 8	13 48	1 5	20 52	0 47	23 27	0 2	18 55	0 9	18 22	1 27	10 22	8 25	8 43		9 10		24 27			n.a.
F 31	10n49	25n 5	3n34	5n28	0n 4	21n32	0s 4	14s 3	1s 6	20n49	0n47	23n27	0n 3	18n55	0s 9	18s22	1n27	10n22	8s25	8n43		9n 9		24n25			n.a.

Julian Day Number = 1603659.5, Delta T = 03h57m36s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'24, Lahiri = - 8°24'23 Julian Calendar 1 Aug. 323 BCE == Greg. Calendar 27 July 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

SEPTEMBER 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 20 56	3♍12'54	18♊16	18♍ 3	25♋ 2	4♏44	1♑47	9♋19	24♉15	27♏15	22°R 3	22°R 6	23♈13	4♑ 3	n.a.	S 1
S 2	22 24 53	4°12'06	0♋18	19°36	26°13	5°27	1°59	9°25	24°15	27°15	22♉ 3	22♈ 2	23° 9	4° 9	n.a.	S 2
M 3	22 28 49	5°11'20	12°13	21° 8	27°25	6°10	2°11	9°30	24°15	27°16	22° 3	21°57	23° 6	4°16	n.a.	M 3
T 4	22 32 46	6°10'37	24° 4	22°39	28°36	6°52	2°23	9°36	24°R15	27°17	22° 3	21°50	23° 3	4°23	n.a.	T 4
W 5	22 36 42	7° 9'55	5♑56	24°10	29°47	7°36	2°35	9°41	24°15	27°17	22° 2	21°41	23° 0	4°30	n.a.	W 5
T 6	22 40 39	8° 9'16	17°50	25°39	0♑59	8°19	2°47	9°46	24°15	27°18	22° 2	21°33	22°57	4°36	n.a.	T 6
F 7	22 44 35	9° 8'39	29°49	27° 8	2°10	9° 2	2°58	9°52	24°15	27°19	22° 2	21°24	22°53	4°43	n.a.	F 7
S 8	22 48 32	10° 8'05	11♍53	28°36	3°22	9°45	3°10	9°57	24°15	27°20	22° 2	21°18	22°50	4°50	n.a.	S 8
S 9	22 52 29	11° 7'32	24° 5	0♎ 3	4°34	10°29	3°22	10° 2	24°14	27°20	22° 1	21°12	22°47	4°57	n.a.	S 9
M10	22 56 25	12° 7'02	6♎25	1°29	5°46	11°12	3°33	10° 7	24°14	27°21	22° 1	21° 9	22°44	5° 3	n.a.	M10
T 11	23 0 22	13° 6'33	18°55	2°54	6°58	11°56	3°45	10°12	24°14	27°22	22° 1	21°D 8	22°41	5°10	n.a.	T 11
W12	23 4 18	14° 6'07	1♏36	4°19	8°10	12°40	3°56	10°16	24°13	27°23	22° 1	21° 9	22°38	5°17	n.a.	W12
T 13	23 8 15	15° 5'42	14°32	5°42	9°22	13°23	4° 7	10°21	24°13	27°24	22° 0	21°10	22°34	5°23	n.a.	T 13
F 14	23 12 11	16° 5'20	27°44	7° 5	10°34	14° 7	4°19	10°26	24°13	27°25	22° 0	21°12	22°31	5°30	n.a.	F 14
S 15	23 16 8	17° 4'59	11♐14	8°26	11°47	14°51	4°30	10°30	24°12	27°26	21°59	21°R13	22°28	5°37	n.a.	S 15
S 16	23 20 4	18° 4'40	25° 3	9°47	12°59	15°35	4°41	10°35	24°11	27°27	21°59	21°13	22°25	5°44	n.a.	S 16
M17	23 24 1	19° 4'23	9♑13	11° 6	14°12	16°19	4°52	10°39	24°11	27°28	21°59	21°11	22°22	5°50	n.a.	M17
T 18	23 27 58	20° 4'08	23°41	12°24	15°25	17° 3	5° 3	10°43	24°10	27°29	21°58	21° 8	22°19	5°57	n.a.	T 18
W19	23 31 54	21° 3'54	8♒25	13°41	16°37	17°48	5°14	10°48	24° 9	27°30	21°58	21° 4	22°15	6° 4	n.a.	W19
T 20	23 35 51	22° 3'43	23°17	14°56	17°50	18°32	5°25	10°52	24° 9	27°32	21°57	21° 0	22°12	6°10	n.a.	T 20
F 21	23 39 47	23° 3'33	8♓10	16°10	19° 3	19°16	5°36	10°56	24° 8	27°33	21°57	20°56	22° 9	6°17	n.a.	F 21
S 22	23 43 44	24° 3'25	22°56	17°22	20°16	20° 1	5°46	11° 0	24° 7	27°34	21°56	20°53	22° 6	6°24	n.a.	S 22
S 23	23 47 40	25° 3'19	7♈28	18°33	21°29	20°45	5°57	11° 4	24° 6	27°35	21°56	20°51	22° 3	6°31	n.a.	S 23
M24	23 51 37	26° 3'15	21°38	19°42	22°42	21°30	6° 7	11° 7	24° 5	27°36	21°55	20°D50	21°59	6°37	n.a.	M24
T 25	23 55 33	27° 3'14	5♉24	20°48	23°55	22°14	6°18	11°11	24° 4	27°38	21°54	20°51	21°56	6°44	n.a.	T 25
W26	23 59 30	28° 3'14	18°45	21°52	25° 9	22°59	6°28	11°14	24° 3	27°39	21°54	20°52	21°53	6°51	n.a.	W26
T 27	0 3 26	29° 3'17	1♊41	22°54	26°22	23°44	6°38	11°18	24° 2	27°40	21°53	20°54	21°50	6°57	n.a.	T 27
F 28	0 7 23	0♎ 3'22	14°16	23°53	27°36	24°29	6°49	11°21	24° 1	27°42	21°52	20°55	21°47	7° 4	n.a.	F 28
S 29	0 11 20	1° 3'30	26°33	24°48	28°49	25°14	6°59	11°25	23°59	27°43	21°52	20°R56	21°44	7°11	n.a.	S 29
S 30	0 15 16	2♎ 3'39	8♋37	25♎40	0♍ 3	25♏59	7♑ 9	11♋28	23♉58	27♏45	21♉51	20♈56	21♈40	7♑18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n27	27n27	4n16	4n44	0s 3	21n23	0s 0	14s18	1s 7	20n46	0n47	23n27	0n 3	18n55	0s 9	18s23	1n27	10n22	8s25	8n42	9n 8	24n23		n.a.
S 2	10 5	28 30	4 46	4 1	0 10	21 13	0n 3	14 33	1 7	20 44	0 47	23 27	0 3	18 55	0 9	18 23	1 27	10 22	8 26	8 41	9 6	24 21		n.a.
M 3	9 43	28 12	5 3	3 18	0 17	21 3	0 7	14 48	1 8	20 41	0 47	23 26	0 3	18 55	0 9	18 23	1 27	10 22	8 26	8 39	9 5	24 20		n.a.
T 4	9 21	26 36	5 7	2 35	0 24	20 52	0 10	15 3	1 8	20 39	0 48	23 26	0 3	18 55	0 9	18 23	1 27	10 21	8 26	8 36	9 4	24 18		n.a.
W 5	8 59	23 50	4 58	1 52	0 31	20 40	0 14	15 18	1 9	20 36	0 48	23 26	0 3	18 55	0 9	18 23	1 27	10 21	8 26	8 33	9 3	24 16		n.a.
T 6	8 37	20 3	4 36	1 10	0 38	20 28	0 17	15 32	1 9	20 33	0 48	23 25	0 3	18 55	0 9	18 24	1 27	10 21	8 26	8 30	9 2	24 14		n.a.
F 7	8 14	15 27	4 2	0 27	0 46	20 15	0 20	15 47	1 10	20 31	0 48	23 25	0 3	18 55	0 9	18 24	1 27	10 21	8 26	8 27	9 1	24 12		n.a.
S 8	7 52	10 13	3 16	0s15	0 53	20 1	0 24	16 1	1 10	20 28	0 48	23 25	0 3	18 55	0 9	18 24	1 27	10 21	8 26	8 24	8 59	24 10		n.a.
S 9	7 29	4 32	2 21	0 56	1 0	19 47	0 27	16 16	1 11	20 26	0 48	23 25	0 3	18 55	0 9	18 24	1 27	10 20	8 26	8 22	8 58	24 8		n.a.
M10	7 6	1s22	1 19	1 37	1 7	19 33	0 30	16 30	1 11	20 23	0 48	23 24	0 4	18 55	0 9	18 25	1 27	10 20	8 27	8 21	8 57	24 7		n.a.
T 11	6 43	7 19	0 12	2 18	1 14	19 18	0 33	16 44	1 11	20 21	0 49	23 24	0 4	18 55	0 9	18 25	1 26	10 20	8 27	8 21	8 56	24 5		n.a.
W12	6 20	13 4	0s57	2 59	1 21	19 2	0 36	16 58	1 12	20 18	0 49	23 24	0 4	18 55	0 9	18 25	1 26	10 20	8 27	8 21	8 55	24 3		n.a.
T 13	5 57	18 22	2 4	3 38	1 28	18 45	0 39	17 12	1 12	20 15	0 49	23 23	0 4	18 55	0 9	18 25	1 26	10 20	8 27	8 21	8 53	24 1		n.a.
F 14	5 33	22 55	3 6	4 18	1 35	18 29	0 42	17 26	1 13	20 13	0 49	23 23	0 4	18 55	0 9	18 26	1 26	10 19	8 27	8 22	8 52	23 59		n.a.
S 15	5 10	26 21	4 0	4 57	1 42	18 11	0 45	17 39	1 13	20 10	0 49	23 23	0 4	18 55	0 9	18 26	1 26	10 19	8 27	8 22	8 51	23 57		n.a.
S 16	4 46	28 19	4 41	5 35	1 49	17 53	0 48	17 53	1 14	20 8	0 49	23 23	0 4	18 54	0 9	18 26	1 26	10 19	8 27	8 22	8 50	23 55		n.a.
M17	4 23	28 29	5 6	6 12	1 55	17 35	0 50	18 6	1 14	20 5	0 50	23 22	0 4	18 54	0 9	18 26	1 26	10 19	8 28	8 22	8 49	23 53		n.a.
T 18	3 59	26 45	5 12	6 49	2 1	17 16	0 53	18 19	1 14	20 3	0 50	23 22	0 4	18 54	0 9	18 27	1 26	10 18	8 28	8 21	8 47	23 51		n.a.
W19	3 35	23 10	4 58	7 25	2 7	16 56	0 56	18 32	1 15	20 0	0 50	23 22	0 4	18 54	0 9	18 27	1 26	10 18	8 28	8 19	8 46	23 49		n.a.
T 20	3 11	18 5	4 24	8 0	2 13	16 36	0 58	18 45	1 15	19 58	0 50	23 22	0 5	18 54	0 9	18 27	1 26	10 18	8 28	8 18	8 45	23 47		n.a.
F 21	2 47	11 53	3 33	8 34	2 19	16 15	1 1	18 58	1 15	19 55	0 50	23 21	0 5	18 53	0 9	18 28	1 26	10 18	8 28	8 16	8 44	23 45		n.a.
S 22	2 23	5 5	2 27	9 7	2 25	15 54	1 3	19 11	1 16	19 53	0 50	23 21	0 5	18 53	0 9	18 28	1 26	10 17	8 28	8 15	8 43	23 44		n.a.
S 23	1 59	1n53	1 13	9 40	2 30	15 33	1 5	19 23	1 16	19 50	0 51	23 21	0 5	18 53	0 9	18 28	1 26	10 17	8 28	8 14	8 41	23 42		n.a.
M24	1 35	8 36	0n 4	10 10	2 35	15 11	1 8	19 35	1 16	19 48	0 51	23 21	0 5	18 53	0 9	18 29	1 26	10 17	8 28	8 14	8 40	23 40		n.a.
T 25	1 11	14 44	1 19	10 40	2 39	14 49	1 10	19 47	1 17	19 45	0 51	23 21	0 5	18 53	0 9	18 29	1 26	10 17	8 28	8 14	8 39	23 38		n.a.
W26	0 47	19 58	2 28	11 8	2 43	14 26	1 12	19 59	1 17	19 43	0 51	23 20	0 5	18 52	0 9	18 29	1 26	10 16	8 29	8 15	8 38	23 36		n.a.
T 27	0 23	24 7	3 26	11 35	2 47	14 3	1 14	20 11	1 17	19 40	0 51	23 20	0 5	18 52	0 9	18 30	1 26	10 16	8 29	8 15	8 37	23 34		n.a.
F 28	0s 1	26 59	4 13	12 0	2 50	13 39	1 16	20 23	1 18	19 38	0 52	23 20	0 5	18 52	0 9	18 30	1 26	10 16	8 29	8 16	8 35	23 32		n.a.
S 29	0 26	28 29	4 47	12 24	2 53	13 15	1 18	20 34	1 18	19 36	0 52	23 20	0 5	18 51	0 9	18 31	1 26	10 16	8 29	8 16	8 34	23 30		n.a.
S 30	0s50	28n34	5n 8	12s45	2s55	12n50	1n20	20s45	1s18	19n33	0n52	23n20	0n 6	18n51	0s 9	18s31	1n25	10n15	8s29	8n16	8n33	23n28		n.a.

Julian Day Number = 1603690.5, Delta T = 03h57m34s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'20, Lahiri = - 8°24'19 Julian Calendar 1 Sept. 323 BCE == Greg. Calendar 27 Aug. 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

OCTOBER 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 19 13	3♎ 3'51	20♋33	26♎28	1♍16	26♏44	7♌18	11♋31	23°R57	27♏46	21°R50	20°R55	21♈37	7♌24	n.a.	M 1
T 2	0 23 9	4° 4'05	2♌24	27°12	2°30	27°29	7°28	11°34	23♉56	27°48	21♉50	20♈53	21°34	7°31	n.a.	T 2
W 3	0 27 6	5° 4'21	14°17	27°51	3°44	28°14	7°38	11°37	23°54	27°49	21°49	20°51	21°31	7°38	n.a.	W 3
T 4	0 31 2	6° 4'39	26°13	28°24	4°58	28°59	7°47	11°39	23°53	27°51	21°48	20°49	21°28	7°45	n.a.	T 4
F 5	0 34 59	7° 5'00	8♍17	28°51	6°12	29°44	7°57	11°42	23°51	27°52	21°47	20°46	21°24	7°51	n.a.	F 5
S 6	0 38 55	8° 5'22	20°30	29°12	7°26	0♐30	8° 6	11°45	23°50	27°54	21°47	20°45	21°21	7°58	n.a.	S 6
S 7	0 42 52	9° 5'45	2♎55	29°25	8°40	1°15	8°15	11°47	23°48	27°56	21°46	20°43	21°18	8° 5	n.a.	S 7
M 8	0 46 49	10° 6'11	15°32	29°R30	9°54	2° 1	8°24	11°49	23°46	27°57	21°45	20°D43	21°15	8°11	n.a.	M 8
T 9	0 50 45	11° 6'39	28°22	29°27	11° 8	2°46	8°33	11°52	23°45	27°59	21°44	20°43	21°12	8°18	n.a.	T 9
W10	0 54 42	12° 7'08	11♏25	29°14	12°22	3°32	8°42	11°54	23°43	28° 1	21°43	20°43	21° 9	8°25	n.a.	W10
T 11	0 58 38	13° 7'39	24°41	28°52	13°36	4°17	8°51	11°56	23°41	28° 2	21°42	20°44	21° 5	8°32	n.a.	T 11
F 12	1 2 35	14° 8'11	8♐10	28°19	14°51	5° 3	9° 0	11°58	23°40	28° 4	21°41	20°45	21° 2	8°38	n.a.	F 12
S 13	1 6 31	15° 8'45	21°52	27°36	16° 5	5°49	9° 8	12° 0	23°38	28° 6	21°41	20°45	20°59	8°45	n.a.	S 13
S 14	1 10 28	16° 9'21	5♑45	26°44	17°19	6°35	9°17	12° 1	23°36	28° 8	21°40	20°46	20°56	8°52	n.a.	S 14
M15	1 14 24	17° 9'57	19°49	25°42	18°34	7°20	9°25	12° 3	23°34	28° 9	21°39	20°R46	20°53	8°58	n.a.	M15
T 16	1 18 21	18°10'35	4♒ 3	24°33	19°48	8° 6	9°33	12° 4	23°32	28°11	21°38	20°46	20°50	9° 5	n.a.	T 16
W17	1 22 18	19°11'14	18°24	23°17	21° 3	8°52	9°41	12° 6	23°30	28°13	21°37	20°45	20°46	9°12	n.a.	W17
T 18	1 26 14	20°11'54	2♓49	21°57	22°17	9°38	9°49	12° 7	23°28	28°15	21°36	20°45	20°43	9°19	n.a.	T 18
F 19	1 30 11	21°12'36	17°13	20°36	23°32	10°24	9°57	12° 8	23°26	28°17	21°35	20°D45	20°40	9°25	n.a.	F 19
S 20	1 34 7	22°13'19	1♈32	19°16	24°47	11°10	10° 4	12° 9	23°24	28°19	21°34	20°45	20°37	9°32	n.a.	S 20
S 21	1 38 4	23°14'03	15°41	17°59	26° 1	11°56	10°12	12°10	23°22	28°21	21°33	20°R45	20°34	9°39	n.a.	S 21
M22	1 42 0	24°14'49	29°36	16°49	27°16	12°43	10°19	12°11	23°20	28°23	21°32	20°45	20°30	9°45	n.a.	M22
T 23	1 45 57	25°15'36	13♉13	15°47	28°31	13°29	10°26	12°12	23°18	28°25	21°31	20°45	20°27	9°52	n.a.	T 23
W24	1 49 53	26°16'24	26°30	14°56	29°46	14°15	10°33	12°12	23°16	28°27	21°30	20°45	20°24	9°59	n.a.	W24
T 25	1 53 50	27°17'14	9♊26	14°15	1♎ 0	15° 1	10°40	12°13	23°13	28°29	21°29	20°44	20°21	10° 6	n.a.	T 25
F 26	1 57 47	28°18'06	22° 3	13°46	2°15	15°47	10°47	12°13	23°11	28°31	21°28	20°43	20°18	10°12	n.a.	F 26
S 27	2 1 43	29°18'59	4♋23	13°28	3°30	16°34	10°54	12°13	23° 9	28°33	21°27	20°42	20°15	10°19	n.a.	S 27
S 28	2 5 40	0♏19'54	16°30	13°D22	4°45	17°20	11° 0	12°13	23° 7	28°35	21°25	20°41	20°11	10°26	n.a.	S 28
M29	2 9 36	1°20'50	28°27	13°27	6° 0	18° 7	11° 6	12°R13	23° 4	28°37	21°24	20°D41	20° 8	10°32	n.a.	M29
T 30	2 13 33	2°21'48	10♌20	13°42	7°15	18°53	11°13	12°13	23° 2	28°39	21°23	20°41	20° 5	10°39	n.a.	T 30
W31	2 17 29	3♏22'47	22♌12	14♎ 6	8♎30	19♐39	11♌19	12♋13	23♉ 0	28♏41	21♉22	20♈42	20♈ 2	10♌46	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1s14	27n20	5n15	13s 4	2s56	12n25	1n22	20s56	1s18	19n31	0n52	23n20	0n 6	18n51	0s 9	18s31	1n25	10n15	8s29	8n16	8n32	23n26		n.a.
T 2	1 38	24 52	5 9	13 21	2 57	12 0	1 23	21 7	1 19	19 28	0 52	23 19	0 6	18 50	0 9	18 32	1 25	10 15	8 29	8 15	8 31	23 24		n.a.
W 3	2 2	21 21	4 49	13 35	2 57	11 35	1 25	21 18	1 19	19 26	0 53	23 19	0 6	18 50	0 9	18 32	1 25	10 15	8 29	8 14	8 29	23 22		n.a.
T 4	2 27	16 57	4 17	13 46	2 56	11 9	1 26	21 28	1 19	19 24	0 53	23 19	0 6	18 50	0 9	18 32	1 25	10 14	8 29	8 13	8 28	23 20		n.a.
F 5	2 51	11 51	3 34	13 54	2 53	10 42	1 28	21 38	1 19	19 22	0 53	23 19	0 6	18 49	0 9	18 33	1 25	10 14	8 29	8 12	8 27	23 18		n.a.
S 6	3 15	6 15	2 39	13 58	2 50	10 16	1 29	21 48	1 20	19 19	0 53	23 19	0 6	18 49	0 9	18 33	1 25	10 14	8 30	8 12	8 26	23 15		n.a.
S 7	3 39	0 18	1 37	13 59	2 46	9 49	1 30	21 58	1 20	19 17	0 53	23 19	0 6	18 49	0 9	18 34	1 25	10 13	8 30	8 11	8 25	23 13		n.a.
M 8	4 3	5s45	0 29	13 55	2 40	9 22	1 32	22 8	1 20	19 15	0 54	23 19	0 6	18 48	0 9	18 34	1 25	10 13	8 30	8 11	8 23	23 11		n.a.
T 9	4 27	11 41	0s42	13 47	2 33	8 54	1 33	22 17	1 20	19 13	0 54	23 19	0 7	18 48	0 9	18 34	1 25	10 13	8 30	8 11	8 22	23 9		n.a.
W10	4 51	17 13	1 52	13 35	2 24	8 27	1 34	22 26	1 20	19 11	0 54	23 18	0 7	18 47	0 9	18 35	1 25	10 13	8 30	8 11	8 21	23 7		n.a.
T 11	5 15	22 2	2 57	13 17	2 13	7 59	1 35	22 35	1 20	19 8	0 54	23 18	0 7	18 47	0 9	18 35	1 25	10 12	8 30	8 12	8 20	23 5		n.a.
F 12	5 39	25 47	3 54	12 53	2 1	7 30	1 36	22 44	1 21	19 6	0 54	23 18	0 7	18 46	0 9	18 36	1 25	10 12	8 30	8 12	8 18	23 3		n.a.
S 13	6 2	28 6	4 38	12 25	1 47	7 2	1 36	22 52	1 21	19 4	0 55	23 18	0 7	18 46	0 9	18 36	1 25	10 12	8 30	8 12	8 17	23 1		n.a.
S 14	6 26	28 43	5 6	11 51	1 31	6 33	1 37	23 0	1 21	19 2	0 55	23 18	0 7	18 46	0 9	18 37	1 25	10 11	8 30	8 12	8 16	22 59		n.a.
M15	6 49	27 28	5 17	11 12	1 14	6 4	1 38	23 8	1 21	19 0	0 55	23 18	0 7	18 45	0 9	18 37	1 25	10 11	8 30	8 12	8 15	22 57		n.a.
T 16	7 13	24 28	5 9	10 29	0 55	5 35	1 38	23 16	1 21	18 58	0 55	23 18	0 7	18 45	0 9	18 38	1 25	10 11	8 30	8 12	8 14	22 55		n.a.
W17	7 36	19 57	4 41	9 42	0 36	5 6	1 39	23 23	1 21	18 56	0 56	23 18	0 7	18 44	0 9	18 38	1 25	10 10	8 30	8 12	8 12	22 53		n.a.
T 18	7 59	14 15	3 56	8 53	0 15	4 37	1 39	23 31	1 21	18 54	0 56	23 18	0 8	18 44	0 9	18 38	1 25	10 10	8 30	8 12	8 11	22 50		n.a.
F 19	8 22	7 48	2 55	8 3	0n 6	4 7	1 40	23 38	1 21	18 53	0 56	23 18	0 8	18 43	0 9	18 39	1 25	10 10	8 30	8 12	8 10	22 48		n.a.
S 20	8 45	0 59	1 45	7 14	0 26	3 37	1 40	23 44	1 21	18 51	0 56	23 18	0 8	18 43	0 9	18 39	1 25	10 10	8 31	8 12	8 9	22 46		n.a.
S 21	9 8	5n49	0 28	6 26	0 46	3 8	1 40	23 51	1 21	18 49	0 57	23 18	0 8	18 42	0 9	18 40	1 25	10 9	8 31	8 12	8 8	22 44		n.a.
M22	9 31	12 14	0n49	5 42	1 4	2 38	1 40	23 57	1 22	18 47	0 57	23 18	0 8	18 42	0 9	18 40	1 25	10 9	8 31	8 12	8 6	22 42		n.a.
T 23	9 53	17 55	2 1	5 2	1 22	2 8	1 40	24 3	1 22	18 45	0 57	23 18	0 8	18 41	0 9	18 41	1 25	10 9	8 31	8 12	8 5	22 40		n.a.
W24	10 16	22 37	3 5	4 28	1 37	1 37	1 40	24 9	1 22	18 44	0 57	23 18	0 8	18 40	0 9	18 41	1 25	10 8	8 31	8 12	8 4	22 38		n.a.
T 25	10 38	26 4	3 58	4 0	1 50	1 7	1 40	24 14	1 22	18 42	0 58	23 18	0 8	18 40	0 9	18 42	1 24	10 8	8 31	8 12	8 3	22 35		n.a.
F 26	11 0	28 7	4 38	3 38	2 2	0 37	1 40	24 19	1 22	18 40	0 58	23 19	0 9	18 39	0 9	18 42	1 24	10 8	8 31	8 11	8 2	22 33		n.a.
S 27	11 22	28 43	5 4	3 22	2 11	0 6	1 39	24 24	1 22	18 39	0 58	23 19	0 9	18 39	0 9	18 43	1 24	10 7	8 31	8 11	8 0	22 31		n.a.
S 28	11 44	27 55	5 16	3 13	2 19	0s24	1 39	24 29	1 22	18 37	0 58	23 19	0 9	18 38	0 9	18 43	1 24	10 7	8 31	8 10	7 59	22 29		n.a.
M29	12 5	25 50	5 14	3 10	2 24	0 54	1 39	24 33	1 22	18 36	0 59	23 19	0 9	18 38	0 9	18 44	1 24	10 7	8 31	8 10	7 58	22 27		n.a.
T 30	12 27	22 39	4 58	3 12	2 28	1 25	1 38	24 37	1 22	18 34	0 59	23 19	0 9	18 37	0 9	18 44	1 24	10 7	8 31	8 10	7 57	22 25		n.a.
W31	12s48	18n32	4n30	3s19	2n31	1s55	1n37	24s41	1s22	18n33	0n59	23n19	0n 9	18n36	0s 9	18s45	1n24	10n 6	8s31	8n11	7n56	22n22		n.a.

Julian Day Number = 1603720.5, Delta T = 03h57m33s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'15, Lahiri = - 8°24'15 Julian Calendar 1 Oct. 323 BCE == Greg. Calendar 26 Sept. 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

NOVEMBER 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 21 26	4♏23'47	4♍ 9	14♎38	9♎45	20♐26	11♑24	12°R13	22°R57	28♏43	21°R21	20♈43	19♈59	10♑53	n.a.	T 1
F 2	2 25 22	5°24'48	16°15	15°18	11° 0	21°12	11°30	12♋12	22♉55	28°45	21♉20	20°44	19°56	10°59	n.a.	F 2
S 3	2 29 19	6°25'51	28°34	16° 4	12°15	21°59	11°36	12°12	22°52	28°47	21°19	20°45	19°52	11° 6	n.a.	S 3
S 4	2 33 16	7°26'55	11♎ 9	16°57	13°30	22°46	11°41	12°11	22°50	28°49	21°18	20°46	19°49	11°13	n.a.	S 4
M 5	2 37 12	8°28'00	24° 2	17°54	14°45	23°32	11°46	12°10	22°47	28°51	21°17	20°R47	19°46	11°19	n.a.	M 5
T 6	2 41 9	9°29'06	7♏13	18°56	16° 1	24°19	11°51	12°10	22°45	28°54	21°15	20°46	19°43	11°26	n.a.	T 6
W 7	2 45 5	10°30'13	20°42	20° 2	17°16	25° 5	11°56	12° 9	22°43	28°56	21°14	20°44	19°40	11°33	n.a.	W 7
T 8	2 49 2	11°31'21	4♐26	21°12	18°31	25°52	12° 1	12° 7	22°40	28°58	21°13	20°41	19°36	11°40	n.a.	T 8
F 9	2 52 58	12°32'30	18°22	22°24	19°46	26°39	12° 6	12° 6	22°38	29° 0	21°12	20°38	19°33	11°46	n.a.	F 9
S 10	2 56 55	13°33'40	2♑28	23°39	21° 1	27°26	12°10	12° 5	22°35	29° 2	21°11	20°35	19°30	11°53	n.a.	S 10
S 11	3 0 51	14°34'50	16°39	24°56	22°16	28°12	12°14	12° 3	22°32	29° 5	21°10	20°32	19°27	12° 0	n.a.	S 11
M12	3 4 48	15°36'00	0♒52	26°15	23°32	28°59	12°18	12° 2	22°30	29° 7	21° 8	20°30	19°24	12° 6	n.a.	M12
T 13	3 8 45	16°37'11	15° 3	27°35	24°47	29°46	12°22	12° 0	22°27	29° 9	21° 7	20°D29	19°21	12°13	n.a.	T 13
W14	3 12 41	17°38'22	29°12	28°57	26° 2	0♑33	12°26	11°59	22°25	29°11	21° 6	20°30	19°17	12°20	n.a.	W14
T 15	3 16 38	18°39'33	13♓15	0♏20	27°17	1°19	12°29	11°57	22°22	29°14	21° 5	20°31	19°14	12°27	n.a.	T 15
F 16	3 20 34	19°40'44	27°12	1°45	28°33	2° 6	12°33	11°55	22°20	29°16	21° 4	20°33	19°11	12°33	n.a.	F 16
S 17	3 24 31	20°41'56	11♈ 2	3°10	29°48	2°53	12°36	11°53	22°17	29°18	21° 3	20°34	19° 8	12°40	n.a.	S 17
S 18	3 28 27	21°43'08	24°42	4°36	1♏ 3	3°40	12°39	11°50	22°15	29°20	21° 1	20°R34	19° 5	12°47	n.a.	S 18
M19	3 32 24	22°44'20	8♉12	6° 3	2°19	4°27	12°42	11°48	22°12	29°23	21° 0	20°33	19° 1	12°53	n.a.	M19
T 20	3 36 20	23°45'33	21°29	7°30	3°34	5°14	12°44	11°46	22° 9	29°25	20°59	20°30	18°58	13° 0	n.a.	T 20
W21	3 40 17	24°46'46	4♊32	8°59	4°49	6° 1	12°47	11°43	22° 7	29°27	20°58	20°25	18°55	13° 7	n.a.	W21
T 22	3 44 14	25°48'00	17°19	10°27	6° 4	6°47	12°49	11°41	22° 4	29°29	20°57	20°19	18°52	13°14	n.a.	T 22
F 23	3 48 10	26°49'14	29°52	11°56	7°20	7°34	12°51	11°38	22° 2	29°32	20°55	20°12	18°49	13°20	n.a.	F 23
S 24	3 52 7	27°50'28	12♋11	13°26	8°35	8°21	12°53	11°35	21°59	29°34	20°54	20° 5	18°46	13°27	n.a.	S 24
S 25	3 56 3	28°51'43	24°17	14°56	9°50	9° 8	12°54	11°32	21°57	29°36	20°53	19°59	18°42	13°34	n.a.	S 25
M26	4 0 0	29°52'58	6♌15	16°26	11° 6	9°55	12°56	11°30	21°54	29°38	20°52	19°55	18°39	13°40	n.a.	M26
T 27	4 3 56	0♐54'13	18° 7	17°57	12°21	10°42	12°57	11°26	21°52	29°41	20°51	19°52	18°36	13°47	n.a.	T 27
W28	4 7 53	1°55'29	29°58	19°28	13°36	11°29	12°58	11°23	21°49	29°43	20°50	19°D51	18°33	13°54	n.a.	W28
T 29	4 11 50	2°56'45	11♍53	20°59	14°52	12°16	12°59	11°20	21°47	29°45	20°48	19°51	18°30	14° 1	n.a.	T 29
F 30	4 15 46	3♐58'02	23♍58	22♏31	16♏ 7	13♑ 3	13♌ 0	11♋17	21♉44	29♏47	20♉47	19♈52	18♈27	14♌ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s 9	13n40	3n50	3s30	2n32	2s26	1n37	24s45	1s22	18n31	0n59	23n19	0n 9	18n36	0s 9	18s45	1n24	10n 6	8s31	8n11	7n54	22n20		n.a.
F 2	13 29	8 14	2 59	3 46	2 32	2 56	1 36	24 48	1 22	18 30	1 0	23 19	0 9	18 35	0 9	18 46	1 24	10 6	8 31	8 12	7 53	22 18		n.a.
S 3	13 50	2 24	2 0	4 5	2 31	3 26	1 35	24 51	1 22	18 29	1 0	23 20	0 9	18 35	0 9	18 46	1 24	10 5	8 31	8 12	7 52	22 16		n.a.
S 4	14 10	3s39	0 53	4 27	2 29	3 57	1 34	24 53	1 21	18 27	1 0	23 20	0 10	18 34	0 9	18 47	1 24	10 5	8 31	8 12	7 51	22 13		n.a.
M 5	14 30	9 43	0s18	4 52	2 26	4 27	1 33	24 56	1 21	18 26	1 0	23 20	0 10	18 33	0 9	18 47	1 24	10 5	8 31	8 13	7 49	22 11		n.a.
T 6	14 50	15 30	1 29	5 19	2 22	4 57	1 32	24 58	1 21	18 25	1 1	23 20	0 10	18 33	0 9	18 48	1 24	10 5	8 31	8 12	7 48	22 9		n.a.
W 7	15 9	20 40	2 37	5 48	2 18	5 27	1 31	25 0	1 21	18 24	1 1	23 20	0 10	18 32	0 9	18 48	1 24	10 4	8 31	8 12	7 47	22 7		n.a.
T 8	15 29	24 51	3 38	6 19	2 13	5 57	1 30	25 1	1 21	18 23	1 1	23 21	0 10	18 31	0 9	18 49	1 24	10 4	8 31	8 11	7 46	22 5		n.a.
F 9	15 48	27 38	4 26	6 51	2 8	6 27	1 29	25 3	1 21	18 22	1 1	23 21	0 10	18 31	0 9	18 49	1 24	10 4	8 31	8 9	7 45	22 2		n.a.
S 10	16 6	28 41	4 58	7 24	2 3	6 57	1 28	25 4	1 21	18 21	1 2	23 21	0 10	18 30	0 9	18 50	1 24	10 3	8 31	8 8	7 43	22 0		n.a.
S 11	16 25	27 52	5 13	7 58	1 57	7 26	1 27	25 4	1 21	18 20	1 2	23 21	0 10	18 30	0 9	18 50	1 24	10 3	8 31	8 7	7 42	21 58		n.a.
M12	16 43	25 14	5 9	8 33	1 50	7 56	1 25	25 5	1 21	18 19	1 2	23 22	0 11	18 29	0 9	18 51	1 24	10 3	8 31	8 6	7 41	21 55		n.a.
T 13	17 1	21 4	4 46	9 8	1 44	8 25	1 24	25 5	1 21	18 18	1 3	23 22	0 11	18 28	0 9	18 51	1 24	10 3	8 31	8 6	7 40	21 53		n.a.
W14	17 18	15 43	4 5	9 43	1 37	8 54	1 22	25 5	1 20	18 17	1 3	23 22	0 11	18 28	0 9	18 52	1 24	10 2	8 31	8 6	7 38	21 51		n.a.
T 15	17 35	9 35	3 10	10 19	1 30	9 23	1 21	25 4	1 20	18 16	1 3	23 22	0 11	18 27	0 9	18 52	1 24	10 2	8 31	8 7	7 37	21 49		n.a.
F 16	17 52	3 1	2 4	10 56	1 23	9 52	1 19	25 3	1 20	18 16	1 3	23 23	0 11	18 26	0 9	18 53	1 24	10 2	8 31	8 7	7 36	21 46		n.a.
S 17	18 9	3n37	0 52	11 32	1 16	10 20	1 17	25 2	1 20	18 15	1 4	23 23	0 11	18 26	0 9	18 53	1 24	10 2	8 31	8 8	7 35	21 44		n.a.
S 18	18 25	10 2	0n23	12 8	1 9	10 48	1 16	25 1	1 20	18 15	1 4	23 23	0 11	18 25	0 9	18 54	1 24	10 1	8 31	8 8	7 34	21 42		n.a.
M19	18 41	15 54	1 35	12 44	1 2	11 16	1 14	24 59	1 20	18 14	1 4	23 24	0 11	18 24	0 9	18 54	1 24	10 1	8 31	8 7	7 32	21 39		n.a.
T 20	18 57	20 56	2 41	13 20	0 55	11 44	1 12	24 57	1 19	18 14	1 4	23 24	0 12	18 24	0 9	18 55	1 24	10 1	8 31	8 6	7 31	21 37		n.a.
W21	19 12	24 51	3 37	13 55	0 47	12 11	1 10	24 55	1 19	18 13	1 5	23 24	0 12	18 23	0 9	18 55	1 24	10 1	8 30	8 4	7 30	21 35		n.a.
T 22	19 27	27 27	4 21	14 30	0 40	12 38	1 9	24 52	1 19	18 13	1 5	23 25	0 12	18 22	0 9	18 56	1 24	10 0	8 30	8 2	7 29	21 32		n.a.
F 23	19 41	28 35	4 51	15 5	0 33	13 5	1 7	24 50	1 19	18 12	1 5	23 25	0 12	18 22	0 9	18 56	1 24	10 0	8 30	7 59	7 28	21 30		n.a.
S 24	19 55	28 16	5 7	15 40	0 26	13 31	1 5	24 46	1 18	18 12	1 6	23 25	0 12	18 21	0 9	18 57	1 24	10 0	8 30	7 57	7 26	21 28		n.a.
S 25	20 9	26 35	5 9	16 13	0 18	13 57	1 3	24 43	1 18	18 12	1 6	23 26	0 12	18 20	0 9	18 57	1 24	10 0	8 30	7 55	7 25	21 25		n.a.
M26	20 23	23 44	4 58	16 47	0 11	14 23	1 1	24 39	1 18	18 12	1 6	23 26	0 12	18 20	0 9	18 58	1 24	9 59	8 30	7 53	7 24	21 23		n.a.
T 27	20 36	19 55	4 33	17 19	0 4	14 48	0 58	24 35	1 18	18 12	1 7	23 27	0 12	18 19	0 9	18 58	1 24	9 59	8 30	7 52	7 23	21 21		n.a.
W28	20 48	15 19	3 57	17 51	0s 3	15 13	0 56	24 31	1 17	18 12	1 7	23 27	0 13	18 18	0 9	18 59	1 24	9 59	8 30	7 51	7 21	21 18		n.a.
T 29	21 0	10 8	3 11	18 23	0 10	15 38	0 54	24 27	1 17	18 12	1 7	23 27	0 13	18 18	0 9	18 59	1 24	9 59	8 30	7 51	7 20	21 16		n.a.
F 30	21s12	4n30	2n16	18s53	0s16	16s 2	0n52	24s22	1s17	18n12	1n 7	23n28	0n13	18n17	0s 9	19s 0	1n24	9n58	8s30	7n52	7n19	21n14		n.a.

Julian Day Number = 1603751.5, Delta T = 03h57m32s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'11, Lahiri = - 8°24'11 Julian Calendar 1 Nov. 323 BCE == Greg. Calendar 27 Oct. 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 323 BCE
geocentric

DECEMBER 323 BCE (-322) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 19 43	4♐59'18	6♎17	24♏ 3	17♏22	13♑50	13♌ 0	11°R13	21°R42	29♏50	20°R46	19♈54	18♈23	14♌14	n.a.	S 1
S 2	4 23 39	6° 0'35	18°55	25°35	18°38	14°37	13° 1	11♋10	21♉39	29°52	20♉45	19°R55	18°20	14°21	n.a.	S 2
M 3	4 27 36	7° 1'52	1♏55	27° 8	19°53	15°24	13°R 1	11° 6	21°37	29°54	20°44	19°54	18°17	14°27	n.a.	M 3
T 4	4 31 32	8° 3'09	15°19	28°41	21° 9	16°10	13° 1	11° 3	21°34	29°57	20°43	19°51	18°14	14°34	n.a.	T 4
W 5	4 35 29	9° 4'25	29° 8	0♐15	22°24	16°57	13° 1	10°59	21°32	29°59	20°42	19°46	18°11	14°41	n.a.	W 5
T 6	4 39 25	10° 5'42	13♐18	1°48	23°39	17°44	13° 0	10°55	21°29	0♐ 1	20°41	19°39	18° 7	14°48	n.a.	T 6
F 7	4 43 22	11° 6'59	27°44	3°23	24°55	18°31	12°59	10°51	21°27	0° 3	20°39	19°30	18° 4	14°54	n.a.	F 7
S 8	4 47 19	12° 8'15	12♑20	4°57	26°10	19°18	12°59	10°47	21°25	0° 5	20°38	19°21	18° 1	15° 1	n.a.	S 8
S 9	4 51 15	13° 9'31	26°58	6°32	27°25	20° 5	12°58	10°43	21°22	0° 8	20°37	19°13	17°58	15° 8	n.a.	S 9
M10	4 55 12	14°10'46	11♒32	8° 8	28°41	20°52	12°56	10°39	21°20	0°10	20°36	19° 7	17°55	15°14	n.a.	M10
T 11	4 59 8	15°12'00	25°57	9°43	29°56	21°39	12°55	10°35	21°18	0°12	20°35	19° 3	17°52	15°21	n.a.	T 11
W12	5 3 5	16°13'13	10♓ 8	11°20	1♐11	22°26	12°53	10°31	21°16	0°14	20°34	19°D 1	17°48	15°28	n.a.	W12
T 13	5 7 1	17°14'26	24° 4	12°56	2°27	23°13	12°51	10°27	21°13	0°17	20°33	19° 1	17°45	15°34	n.a.	T 13
F 14	5 10 58	18°15'37	7♈46	14°34	3°42	23°59	12°49	10°22	21°11	0°19	20°32	19° 2	17°42	15°41	n.a.	F 14
S 15	5 14 55	19°16'48	21°15	16°11	4°57	24°46	12°47	10°18	21° 9	0°21	20°31	19°R 2	17°39	15°48	n.a.	S 15
S 16	5 18 51	20°17'58	4♉31	17°49	6°12	25°33	12°45	10°14	21° 7	0°23	20°30	19° 1	17°36	15°55	n.a.	S 16
M17	5 22 48	21°19'07	17°35	19°28	7°28	26°20	12°42	10° 9	21° 5	0°25	20°29	18°58	17°33	16° 1	n.a.	M17
T 18	5 26 44	22°20'15	0♊29	21° 7	8°43	27° 7	12°40	10° 5	21° 3	0°27	20°28	18°51	17°29	16° 8	n.a.	T 18
W19	5 30 41	23°21'23	13°13	22°47	9°58	27°54	12°37	10° 0	21° 0	0°30	20°27	18°42	17°26	16°15	n.a.	W19
T 20	5 34 37	24°22'29	25°45	24°28	11°14	28°40	12°33	9°56	20°58	0°32	20°26	18°30	17°23	16°21	n.a.	T 20
F 21	5 38 34	25°23'35	8♋ 8	26° 8	12°29	29°27	12°30	9°51	20°56	0°34	20°25	18°18	17°20	16°28	n.a.	F 21
S 22	5 42 30	26°24'40	20°19	27°50	13°44	0♒14	12°27	9°46	20°54	0°36	20°24	18° 4	17°17	16°35	n.a.	S 22
S 23	5 46 27	27°25'44	2♌22	29°32	14°59	1° 0	12°23	9°42	20°53	0°38	20°23	17°52	17°13	16°42	n.a.	S 23
M24	5 50 24	28°26'48	14°17	1♑15	16°15	1°47	12°19	9°37	20°51	0°40	20°22	17°42	17°10	16°48	n.a.	M24
T 25	5 54 20	29°27'51	26° 8	2°58	17°30	2°34	12°15	9°32	20°49	0°42	20°21	17°34	17° 7	16°55	n.a.	T 25
W26	5 58 17	0♑28'52	7♍57	4°41	18°45	3°20	12°11	9°27	20°47	0°44	20°21	17°29	17° 4	17° 2	n.a.	W26
T 27	6 2 13	1°29'53	19°50	6°26	20° 0	4° 7	12° 7	9°22	20°45	0°46	20°20	17°27	17° 1	17° 8	n.a.	T 27
F 28	6 6 10	2°30'53	1♎51	8°10	21°15	4°54	12° 2	9°18	20°43	0°48	20°19	17°D26	16°58	17°15	n.a.	F 28
S 29	6 10 6	3°31'53	14° 7	9°56	22°31	5°40	11°57	9°13	20°42	0°50	20°18	17°R26	16°54	17°22	n.a.	S 29
S 30	6 14 3	4°32'51	26°41	11°41	23°46	6°27	11°52	9° 8	20°40	0°52	20°17	17°26	16°51	17°28	n.a.	S 30
M31	6 17 59	5♑33'49	9♏40	13♑27	25♐ 1	7♒13	11♌47	9♋ 3	20♉38	0♐54	20♉16	17♈24	16♈48	17♌35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s24	1s24	1n13	19s23	0s23	16s26	0n50	24s17	1s17	18n12	1n 8	23n28	0n13	18n16	0s 9	19s 0	1n24	9n58	8s30	7n52	7n18	21n11		n.a.
S 2	21 35	7 25	0 5	19 52	0 30	16 49	0 48	24 11	1 16	18 12	1 8	23 29	0 13	18 16	0 9	19 1	1 24	9 58	8 30	7 53	7 17	21 9		n.a.
M 3	21 45	13 17	1s 4	20 21	0 36	17 12	0 45	24 6	1 16	18 12	1 8	23 29	0 13	18 15	0 9	19 1	1 24	9 58	8 30	7 52	7 15	21 6		n.a.
T 4	21 55	18 45	2 13	20 48	0 42	17 35	0 43	24 0	1 16	18 13	1 9	23 29	0 13	18 15	0 9	19 2	1 24	9 58	8 29	7 51	7 14	21 4		n.a.
W 5	22 5	23 23	3 15	21 15	0 48	17 57	0 41	23 54	1 16	18 13	1 9	23 30	0 13	18 14	0 9	19 2	1 24	9 58	8 29	7 49	7 13	21 2		n.a.
T 6	22 14	26 46	4 7	21 40	0 54	18 18	0 38	23 47	1 15	18 13	1 9	23 30	0 13	18 13	0 9	19 2	1 24	9 57	8 29	7 47	7 12	20 59		n.a.
F 7	22 23	28 27	4 44	22 4	1 0	18 39	0 36	23 40	1 15	18 14	1 9	23 31	0 14	18 13	0 9	19 3	1 24	9 57	8 29	7 43	7 10	20 57		n.a.
S 8	22 32	28 11	5 3	22 28	1 6	18 59	0 34	23 33	1 15	18 14	1 10	23 31	0 14	18 12	0 9	19 3	1 24	9 57	8 29	7 40	7 9	20 54		n.a.
S 9	22 40	25 58	5 3	22 50	1 11	19 19	0 31	23 26	1 14	18 15	1 10	23 32	0 14	18 12	0 9	19 4	1 24	9 57	8 29	7 37	7 8	20 52		n.a.
M10	22 47	22 3	4 43	23 11	1 16	19 39	0 29	23 19	1 14	18 16	1 10	23 32	0 14	18 11	0 9	19 4	1 24	9 57	8 29	7 34	7 7	20 50		n.a.
T 11	22 54	16 52	4 5	23 32	1 21	19 58	0 26	23 11	1 14	18 16	1 11	23 33	0 14	18 10	0 9	19 5	1 24	9 57	8 29	7 33	7 5	20 47		n.a.
W12	23 1	10 50	3 12	23 50	1 26	20 16	0 24	23 3	1 13	18 17	1 11	23 33	0 14	18 10	0 8	19 5	1 24	9 56	8 28	7 32	7 4	20 45		n.a.
T 13	23 7	4 22	2 9	24 8	1 31	20 33	0 21	22 55	1 13	18 18	1 11	23 33	0 14	18 9	0 8	19 6	1 24	9 56	8 28	7 32	7 3	20 42		n.a.
F 14	23 13	2n12	1 0	24 24	1 35	20 51	0 19	22 46	1 12	18 19	1 11	23 34	0 14	18 9	0 8	19 6	1 24	9 56	8 28	7 33	7 2	20 40		n.a.
S 15	23 18	8 34	0n12	24 39	1 39	21 7	0 17	22 37	1 12	18 20	1 12	23 34	0 15	18 8	0 8	19 7	1 24	9 56	8 28	7 33	7 1	20 37		n.a.
S 16	23 23	14 28	1 22	24 53	1 43	21 23	0 14	22 28	1 12	18 21	1 12	23 35	0 15	18 7	0 8	19 7	1 24	9 56	8 28	7 32	6 59	20 35		n.a.
M17	23 27	19 37	2 26	25 5	1 46	21 38	0 12	22 19	1 11	18 22	1 12	23 35	0 15	18 7	0 8	19 8	1 24	9 56	8 28	7 31	6 58	20 32		n.a.
T 18	23 31	23 47	3 22	25 15	1 50	21 53	0 9	22 9	1 11	18 23	1 13	23 36	0 15	18 6	0 8	19 8	1 24	9 56	8 28	7 28	6 57	20 30		n.a.
W19	23 34	26 44	4 6	25 24	1 52	22 7	0 7	22 0	1 11	18 24	1 13	23 36	0 15	18 6	0 8	19 8	1 24	9 55	8 28	7 25	6 56	20 27		n.a.
T 20	23 37	28 18	4 38	25 32	1 55	22 20	0 4	21 50	1 10	18 25	1 13	23 37	0 15	18 5	0 8	19 9	1 24	9 55	8 27	7 20	6 54	20 25		n.a.
F 21	23 39	28 25	4 57	25 38	1 57	22 33	0 2	21 39	1 10	18 26	1 13	23 37	0 15	18 5	0 8	19 9	1 24	9 55	8 27	7 15	6 53	20 23		n.a.
S 22	23 41	27 8	5 1	25 42	1 59	22 45	0s 1	21 29	1 9	18 27	1 14	23 38	0 15	18 4	0 8	19 10	1 24	9 55	8 27	7 10	6 52	20 20		n.a.
S 23	23 43	24 37	4 52	25 45	2 0	22 56	0 3	21 18	1 9	18 29	1 14	23 38	0 16	18 4	0 8	19 10	1 24	9 55	8 27	7 6	6 51	20 18		n.a.
M24	23 44	21 3	4 30	25 45	2 1	23 7	0 6	21 7	1 9	18 30	1 14	23 39	0 16	18 3	0 8	19 11	1 24	9 55	8 27	7 2	6 50	20 15		n.a.
T 25	23 44	16 40	3 57	25 44	2 2	23 16	0 8	20 56	1 8	18 32	1 15	23 39	0 16	18 3	0 8	19 11	1 24	9 55	8 27	6 59	6 48	20 13		n.a.
W26	23 44	11 40	3 13	25 41	2 2	23 26	0 11	20 45	1 8	18 33	1 15	23 40	0 16	18 2	0 8	19 11	1 24	9 55	8 26	6 57	6 47	20 10		n.a.
T 27	23 44	6 14	2 21	25 37	2 2	23 34	0 13	20 33	1 7	18 34	1 15	23 40	0 16	18 2	0 8	19 12	1 24	9 55	8 26	6 56	6 46	20 7		n.a.
F 28	23 43	0 30	1 22	25 30	2 1	23 42	0 15	20 21	1 7	18 36	1 15	23 40	0 16	18 1	0 8	19 12	1 24	9 55	8 26	6 56	6 45	20 5		n.a.
S 29	23 41	5s22	0 18	25 21	2 0	23 49	0 18	20 9	1 6	18 38	1 16	23 41	0 16	18 1	0 8	19 13	1 24	9 55	8 26	6 56	6 43	20 2		n.a.
S 30	23 39	11 10	0s49	25 11	1 58	23 55	0 20	19 57	1 6	18 39	1 16	23 41	0 16	18 1	0 8	19 13	1 24	9 55	8 26	6 56	6 42	20 0		n.a.
M31	23s37	16s42	1s55	24s58	1s56	24s 1	0s22	19s45	1s 5	18n41	1n16	23n42	0n16	18n 0	0s 8	19s13	1n24	9n55	8s26	6n55	6n41	19n57		n.a.

Julian Day Number = 1603781.5, Delta T = 03h57m31s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'07, Lahiri = - 8°24'07 Julian Calendar 1 Dec. 323 BCE == Greg. Calendar 26 Nov. 323 BCE

The year -322 astronomical counting style corresponds to year 323 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

JANUARY 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 21 56	6♑34'46	23♏ 6	15♑13	26♐16	8♒ 0	11°R42	8°R58	20°R37	0♐56	20°R16	17°R20	16♈45	17♌42	n.a.	T 1
W 2	6 25 53	7°35'41	7♐ 1	16°59	27°31	8°46	11♌37	8♋53	20♉35	0°58	20♉15	17♈13	16°42	17°49	n.a.	W 2
T 3	6 29 49	8°36'36	21°24	18°45	28°47	9°33	11°31	8°48	20°34	1° 0	20°14	17° 4	16°39	17°55	n.a.	T 3
F 4	6 33 46	9°37'30	6♑ 9	20°31	0♑ 2	10°19	11°26	8°43	20°32	1° 2	20°13	16°52	16°35	18° 2	n.a.	F 4
S 5	6 37 42	10°38'22	21° 9	22°17	1°17	11° 6	11°20	8°38	20°31	1° 4	20°13	16°40	16°32	18° 9	n.a.	S 5
S 6	6 41 39	11°39'13	6♒14	24° 2	2°32	11°52	11°14	8°33	20°30	1° 5	20°12	16°29	16°29	18°15	n.a.	S 6
M 7	6 45 35	12°40'02	21°13	25°46	3°47	12°38	11° 8	8°29	20°28	1° 7	20°11	16°20	16°26	18°22	n.a.	M 7
T 8	6 49 32	13°40'49	5♓59	27°30	5° 2	13°25	11° 2	8°24	20°27	1° 9	20°11	16°13	16°23	18°29	n.a.	T 8
W 9	6 53 29	14°41'35	20°25	29°11	6°17	14°11	10°56	8°19	20°26	1°11	20°10	16°10	16°19	18°36	n.a.	W 9
T 10	6 57 25	15°42'19	4♈29	0♒51	7°32	14°57	10°49	8°14	20°25	1°13	20°10	16° 8	16°16	18°42	n.a.	T 10
F 11	7 1 22	16°43'01	18°11	2°28	8°48	15°43	10°43	8° 9	20°24	1°14	20° 9	16° 8	16°13	18°49	n.a.	F 11
S 12	7 5 18	17°43'41	1♉33	4° 2	10° 3	16°30	10°36	8° 4	20°23	1°16	20° 8	16° 8	16°10	18°56	n.a.	S 12
S 13	7 9 15	18°44'20	14°36	5°33	11°18	17°16	10°29	8° 0	20°22	1°18	20° 8	16° 6	16° 7	19° 2	n.a.	S 13
M14	7 13 11	19°44'56	27°25	7° 0	12°33	18° 2	10°22	7°55	20°21	1°19	20° 7	16° 2	16° 4	19° 9	n.a.	M14
T 15	7 17 8	20°45'31	10♊ 1	8°22	13°48	18°48	10°15	7°50	20°20	1°21	20° 7	15°55	16° 0	19°16	n.a.	T 15
W16	7 21 4	21°46'04	22°27	9°39	15° 3	19°34	10° 8	7°45	20°19	1°23	20° 6	15°44	15°57	19°22	n.a.	W16
T 17	7 25 1	22°46'36	4♋44	10°50	16°18	20°20	10° 1	7°41	20°18	1°24	20° 6	15°32	15°54	19°29	n.a.	T 17
F 18	7 28 58	23°47'05	16°54	11°54	17°33	21° 6	9°54	7°36	20°17	1°26	20° 5	15°17	15°51	19°36	n.a.	F 18
S 19	7 32 54	24°47'33	28°56	12°51	18°48	21°52	9°47	7°32	20°16	1°27	20° 5	15° 3	15°48	19°43	n.a.	S 19
S 20	7 36 51	25°47'59	10♌53	13°39	20° 3	22°38	9°39	7°27	20°16	1°29	20° 5	14°49	15°45	19°49	n.a.	S 20
M21	7 40 47	26°48'23	22°45	14°19	21°18	23°24	9°32	7°23	20°15	1°30	20° 4	14°37	15°41	19°56	n.a.	M21
T 22	7 44 44	27°48'45	4♍35	14°50	22°32	24°10	9°24	7°18	20°15	1°32	20° 4	14°28	15°38	20° 3	n.a.	T 22
W23	7 48 40	28°49'06	16°24	15°11	23°47	24°55	9°17	7°14	20°14	1°33	20° 3	14°22	15°35	20° 9	n.a.	W23
T 24	7 52 37	29°49'25	28°17	15°22	25° 2	25°41	9° 9	7° 9	20°14	1°35	20° 3	14°19	15°32	20°16	n.a.	T 24
F 25	7 56 33	0♒49'43	10♎18	15°R23	26°17	26°27	9° 1	7° 5	20°13	1°36	20° 3	14°D18	15°29	20°23	n.a.	F 25
S 26	8 0 30	1°49'59	22°31	15°15	27°32	27°12	8°54	7° 1	20°13	1°38	20° 3	14°18	15°25	20°29	n.a.	S 26
S 27	8 4 27	2°50'13	5♏ 1	14°57	28°47	27°58	8°46	6°57	20°13	1°39	20° 2	14°R18	15°22	20°36	n.a.	S 27
M28	8 8 23	3°50'26	17°54	14°30	0♒ 2	28°44	8°38	6°53	20°12	1°40	20° 2	14°17	15°19	20°43	n.a.	M28
T 29	8 12 20	4°50'37	1♐14	13°54	1°17	29°29	8°30	6°49	20°12	1°41	20° 2	14°14	15°16	20°50	n.a.	T 29
W30	8 16 16	5°50'47	15° 4	13°11	2°32	0♓15	8°23	6°45	20°12	1°43	20° 2	14° 9	15°13	20°56	n.a.	W30
T 31	8 20 13	6♒50'55	29♐24	12♒22	3♒46	1♓ 0	8♌15	6♋41	20♉12	1♐44	20♉ 1	14♈ 1	15♈10	21♌ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s34	21s37	2s57	24s44	1s53	24s 6	0s25	19s32	1s 5	18n43	1n16	23n42	0n17	18n 0	0s 8	19s14	1n24	9n55	8s25	6n53	6n40	19n55		n.a.
W 2	23 31	25 32	3 50	24 27	1 49	24 10	0 27	19 20	1 4	18 44	1 17	23 43	0 17	17 59	0 8	19 14	1 24	9 55	8 25	6 51	6 38	19 52		n.a.
T 3	23 27	27 57	4 31	24 8	1 45	24 13	0 29	19 7	1 4	18 46	1 17	23 43	0 17	17 59	0 8	19 15	1 24	9 55	8 25	6 47	6 37	19 50		n.a.
F 4	23 23	28 30	4 55	23 48	1 40	24 16	0 31	18 53	1 4	18 48	1 17	23 44	0 17	17 59	0 8	19 15	1 24	9 55	8 25	6 42	6 36	19 47		n.a.
S 5	23 18	26 58	4 59	23 25	1 35	24 17	0 34	18 40	1 3	18 50	1 17	23 44	0 17	17 58	0 8	19 15	1 24	9 55	8 25	6 38	6 35	19 45		n.a.
S 6	23 13	23 30	4 43	23 1	1 28	24 19	0 36	18 27	1 3	18 52	1 18	23 44	0 17	17 58	0 8	19 16	1 24	9 55	8 24	6 33	6 34	19 42		n.a.
M 7	23 7	18 29	4 7	22 35	1 21	24 19	0 38	18 13	1 2	18 54	1 18	23 45	0 17	17 57	0 8	19 16	1 24	9 55	8 24	6 30	6 32	19 39		n.a.
T 8	23 1	12 26	3 15	22 7	1 13	24 18	0 40	17 59	1 2	18 55	1 18	23 45	0 17	17 57	0 8	19 16	1 24	9 55	8 24	6 27	6 31	19 37		n.a.
W 9	22 55	5 51	2 11	21 38	1 5	24 17	0 42	17 45	1 1	18 57	1 18	23 46	0 17	17 57	0 8	19 17	1 24	9 55	8 24	6 26	6 30	19 34		n.a.
T 10	22 48	0n52	1 1	21 7	0 55	24 15	0 44	17 31	1 1	18 59	1 18	23 46	0 18	17 57	0 8	19 17	1 24	9 55	8 24	6 25	6 29	19 32		n.a.
F 11	22 41	7 23	0n11	20 35	0 45	24 13	0 46	17 17	1 0	19 1	1 19	23 47	0 18	17 56	0 8	19 17	1 24	9 55	8 23	6 25	6 27	19 29		n.a.
S 12	22 33	13 25	1 20	20 2	0 34	24 9	0 48	17 2	1 0	19 4	1 19	23 47	0 18	17 56	0 8	19 18	1 24	9 55	8 23	6 25	6 26	19 26		n.a.
S 13	22 24	18 43	2 24	19 28	0 22	24 5	0 50	16 47	0 59	19 6	1 19	23 47	0 18	17 56	0 8	19 18	1 24	9 55	8 23	6 25	6 25	19 24		n.a.
M14	22 16	23 3	3 19	18 54	0 9	24 0	0 52	16 33	0 59	19 8	1 19	23 48	0 18	17 55	0 8	19 18	1 24	9 55	8 23	6 23	6 24	19 21		n.a.
T 15	22 7	26 15	4 4	18 20	0n 4	23 54	0 54	16 18	0 58	19 10	1 19	23 48	0 18	17 55	0 8	19 19	1 24	9 55	8 23	6 20	6 22	19 19		n.a.
W16	21 57	28 6	4 36	17 46	0 18	23 48	0 56	16 2	0 57	19 12	1 20	23 48	0 18	17 55	0 8	19 19	1 24	9 55	8 22	6 16	6 21	19 16		n.a.
T 17	21 47	28 33	4 54	17 12	0 33	23 41	0 57	15 47	0 57	19 14	1 20	23 49	0 18	17 55	0 8	19 19	1 24	9 55	8 22	6 11	6 20	19 13		n.a.
F 18	21 37	27 36	4 59	16 40	0 48	23 33	0 59	15 32	0 56	19 16	1 20	23 49	0 18	17 55	0 8	19 20	1 24	9 55	8 22	6 6	6 19	19 11		n.a.
S 19	21 26	25 22	4 51	16 9	1 4	23 24	1 1	15 16	0 56	19 18	1 20	23 50	0 18	17 54	0 8	19 20	1 24	9 55	8 22	6 0	6 17	19 8		n.a.
S 20	21 15	22 2	4 30	15 39	1 20	23 15	1 2	15 1	0 55	19 21	1 20	23 50	0 19	17 54	0 8	19 20	1 24	9 55	8 21	5 55	6 16	19 5		n.a.
M21	21 3	17 49	3 57	15 12	1 36	23 5	1 4	14 45	0 55	19 23	1 20	23 50	0 19	17 54	0 8	19 20	1 25	9 56	8 21	5 50	6 15	19 3		n.a.
T 22	20 51	12 57	3 14	14 48	1 52	22 54	1 6	14 29	0 54	19 25	1 21	23 51	0 19	17 54	0 8	19 21	1 25	9 56	8 21	5 46	6 14	19 0		n.a.
W23	20 39	7 36	2 22	14 26	2 8	22 43	1 7	14 13	0 54	19 27	1 21	23 51	0 19	17 54	0 8	19 21	1 25	9 56	8 21	5 44	6 12	18 58		n.a.
T 24	20 26	1 58	1 24	14 8	2 24	22 31	1 8	13 57	0 53	19 29	1 21	23 51	0 19	17 54	0 8	19 21	1 25	9 56	8 21	5 43	6 11	18 55		n.a.
F 25	20 13	3s48	0 21	13 53	2 39	22 18	1 10	13 41	0 53	19 31	1 21	23 52	0 19	17 54	0 8	19 21	1 25	9 56	8 20	5 42	6 10	18 52		n.a.
S 26	20 0	9 32	0s44	13 42	2 53	22 4	1 11	13 24	0 52	19 34	1 21	23 52	0 19	17 54	0 8	19 22	1 25	9 56	8 20	5 42	6 9	18 50		n.a.
S 27	19 46	15 3	1 48	13 35	3 6	21 50	1 12	13 8	0 51	19 36	1 21	23 52	0 19	17 54	0 8	19 22	1 25	9 56	8 20	5 42	6 8	18 47		n.a.
M28	19 32	20 4	2 48	13 32	3 18	21 36	1 14	12 51	0 51	19 38	1 21	23 53	0 19	17 53	0 8	19 22	1 25	9 57	8 20	5 42	6 6	18 44		n.a.
T 29	19 17	24 17	3 42	13 32	3 28	21 20	1 15	12 35	0 50	19 40	1 22	23 53	0 19	17 53	0 8	19 22	1 25	9 57	8 19	5 41	6 5	18 41		n.a.
W30	19 3	27 17	4 25	13 36	3 37	21 4	1 16	12 18	0 50	19 42	1 22	23 53	0 19	17 53	0 8	19 23	1 25	9 57	8 19	5 39	6 4	18 39		n.a.
T 31	18s47	28s37	4s53	13s44	3n44	20s48	1s17	12s 1	0s49	19n45	1n22	23n53	0n20	17n53	0s 8	19s23	1n25	9n57	8s19	5n36	6n 3	18n36		n.a.

Julian Day Number = 1603812.5, Delta T = 03h57m30s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°31'03, Lahiri = - 8°24'02 Julian Calendar 1 Jan. 322 BCE == Greg. Calendar 27 Dec. 323 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

FEBRUARY 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 24 9	7♒51'01	14♉10	11°R28	5♒ 1	1♓46	8°R 7	6°R37	20°D12	1♐45	20°R 1	13°R52	15♈ 6	21♌10	n.a.	F 1
S 2	8 28 6	8°51'05	29°17	10♒30	6°16	2°31	7♌59	6♋33	20♉12	1°46	20♉ 1	13♈42	15° 3	21°16	n.a.	S 2
S 3	8 32 2	9°51'07	14♒34	9°29	7°31	3°16	7°51	6°29	20°12	1°47	20° 1	13°32	15° 0	21°23	n.a.	S 3
M 4	8 35 59	10°51'07	29°50	8°28	8°46	4° 2	7°43	6°26	20°12	1°49	20° 1	13°24	14°57	21°30	n.a.	M 4
T 5	8 39 56	11°51'05	14♓54	7°28	10° 0	4°47	7°35	6°22	20°12	1°50	20° 1	13°18	14°54	21°36	n.a.	T 5
W 6	8 43 52	12°51'01	29°38	6°29	11°15	5°32	7°28	6°19	20°12	1°51	20° 1	13°15	14°51	21°43	n.a.	W 6
T 7	8 47 49	13°50'54	13♈57	5°33	12°30	6°17	7°20	6°15	20°13	1°52	20°D 1	13°D15	14°47	21°50	n.a.	T 7
F 8	8 51 45	14°50'45	27°50	4°41	13°45	7° 2	7°12	6°12	20°13	1°53	20° 1	13°15	14°44	21°57	n.a.	F 8
S 9	8 55 42	15°50'34	11♉17	3°55	14°59	7°48	7° 4	6° 9	20°13	1°54	20° 1	13°R16	14°41	22° 3	n.a.	S 9
S 10	8 59 38	16°50'20	24°21	3°13	16°14	8°33	6°57	6° 6	20°14	1°54	20° 1	13°16	14°38	22°10	n.a.	S 10
M11	9 3 35	17°50'04	7♊ 5	2°38	17°29	9°18	6°49	6° 3	20°14	1°55	20° 1	13°14	14°35	22°17	n.a.	M11
T 12	9 7 31	18°49'46	19°33	2° 8	18°43	10° 3	6°42	6° 0	20°15	1°56	20° 1	13° 9	14°31	22°23	n.a.	T 12
W13	9 11 28	19°49'25	1♋49	1°45	19°58	10°47	6°34	5°57	20°16	1°57	20° 1	13° 3	14°28	22°30	n.a.	W13
T 14	9 15 25	20°49'02	13°55	1°29	21°13	11°32	6°27	5°54	20°16	1°58	20° 1	12°54	14°25	22°37	n.a.	T 14
F 15	9 19 21	21°48'37	25°55	1°19	22°27	12°17	6°19	5°52	20°17	1°59	20° 2	12°45	14°22	22°43	n.a.	F 15
S 16	9 23 18	22°48'10	7♌50	1°D15	23°42	13° 2	6°12	5°49	20°18	1°59	20° 2	12°35	14°19	22°50	n.a.	S 16
S 17	9 27 14	23°47'40	19°42	1°17	24°56	13°47	6° 5	5°47	20°18	2° 0	20° 2	12°25	14°16	22°57	n.a.	S 17
M18	9 31 11	24°47'08	1♍32	1°24	26°11	14°31	5°58	5°44	20°19	2° 1	20° 2	12°17	14°12	23° 3	n.a.	M18
T 19	9 35 7	25°46'34	13°23	1°37	27°25	15°16	5°51	5°42	20°20	2° 1	20° 3	12°11	14° 9	23°10	n.a.	T 19
W20	9 39 4	26°45'57	25°16	1°56	28°40	16° 0	5°44	5°40	20°21	2° 2	20° 3	12° 7	14° 6	23°17	n.a.	W20
T 21	9 43 0	27°45'19	7♎14	2°19	29°54	16°45	5°37	5°38	20°22	2° 2	20° 3	12°D 6	14° 3	23°24	n.a.	T 21
F 22	9 46 57	28°44'39	19°19	2°47	1♓ 9	17°29	5°30	5°36	20°23	2° 3	20° 3	12° 6	14° 0	23°30	n.a.	F 22
S 23	9 50 53	29°43'57	1♏36	3°20	2°23	18°14	5°24	5°34	20°24	2° 3	20° 4	12° 7	13°57	23°37	n.a.	S 23
S 24	9 54 50	0♓43'13	14° 8	3°57	3°38	18°58	5°17	5°32	20°26	2° 4	20° 4	12° 9	13°53	23°44	n.a.	S 24
M25	9 58 47	1°42'27	26°59	4°38	4°52	19°42	5°11	5°30	20°27	2° 4	20° 5	12°R10	13°50	23°50	n.a.	M25
T 26	10 2 43	2°41'39	10♐14	5°22	6° 7	20°27	5° 4	5°29	20°28	2° 5	20° 5	12°10	13°47	23°57	n.a.	T 26
W27	10 6 40	3°40'49	23°55	6°10	7°21	21°11	4°58	5°27	20°29	2° 5	20° 5	12° 8	13°44	24° 4	n.a.	W27
T 28	10 10 36	4♓39'58	8♉ 3	7♒ 1	8♓35	21♓55	4♌52	5♋26	20♉31	2♐ 5	20♉ 6	12♈ 4	13♈41	24♌10	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s32	27s59	5s 3	13s54	3n48	20s30	1s18	11s44	0s49	19n47	1n22	23n54	0n20	17n53	0s 8	19s23	1n25	9n57	8s19	5n32	6n 1	18n33		n.a.
S 2	18 16	25 18	4 52	14 7	3 51	20 13	1 19	11 27	0 48	19 49	1 22	23 54	0 20	17 53	0 8	19 23	1 25	9 57	8 19	5 28	6 0	18 31		n.a.
S 3	18 0	20 48	4 20	14 23	3 51	19 54	1 20	11 10	0 47	19 51	1 22	23 54	0 20	17 53	0 8	19 23	1 25	9 58	8 18	5 24	5 59	18 28		n.a.
M 4	17 44	14 56	3 30	14 41	3 49	19 35	1 20	10 53	0 47	19 53	1 22	23 55	0 20	17 54	0 8	19 24	1 25	9 58	8 18	5 21	5 58	18 25		n.a.
T 5	17 27	8 15	2 25	15 0	3 46	19 16	1 21	10 35	0 46	19 55	1 22	23 55	0 20	17 54	0 8	19 24	1 25	9 58	8 18	5 19	5 56	18 23		n.a.
W 6	17 10	1 15	1 12	15 20	3 40	18 56	1 22	10 18	0 46	19 57	1 22	23 55	0 20	17 54	0 8	19 24	1 25	9 58	8 18	5 18	5 55	18 20		n.a.
T 7	16 53	5n38	0n 4	15 41	3 32	18 35	1 23	10 1	0 45	20 0	1 22	23 55	0 20	17 54	0 8	19 24	1 25	9 58	8 17	5 18	5 54	18 17		n.a.
F 8	16 35	12 2	1 17	16 2	3 23	18 14	1 23	9 43	0 44	20 2	1 22	23 56	0 20	17 54	0 8	19 24	1 25	9 59	8 17	5 18	5 53	18 14		n.a.
S 9	16 17	17 41	2 24	16 23	3 13	17 52	1 24	9 26	0 44	20 4	1 22	23 56	0 20	17 54	0 8	19 24	1 25	9 59	8 17	5 18	5 51	18 12		n.a.
S 10	15 59	22 21	3 22	16 44	3 2	17 30	1 24	9 8	0 43	20 6	1 22	23 56	0 20	17 54	0 8	19 25	1 25	9 59	8 17	5 18	5 50	18 9		n.a.
M11	15 41	25 49	4 7	17 4	2 49	17 7	1 24	8 50	0 43	20 8	1 23	23 56	0 20	17 54	0 8	19 25	1 25	9 59	8 17	5 17	5 49	18 6		n.a.
T 12	15 22	27 59	4 40	17 23	2 36	16 44	1 25	8 33	0 42	20 10	1 23	23 56	0 21	17 54	0 8	19 25	1 25	10 0	8 16	5 15	5 48	18 3		n.a.
W13	15 3	28 43	5 0	17 42	2 23	16 21	1 25	8 15	0 42	20 12	1 23	23 57	0 21	17 55	0 8	19 25	1 25	10 0	8 16	5 13	5 46	18 1		n.a.
T 14	14 44	28 4	5 6	17 59	2 9	15 57	1 25	7 57	0 41	20 13	1 23	23 57	0 21	17 55	0 7	19 25	1 25	10 0	8 16	5 10	5 45	17 58		n.a.
F 15	14 25	26 6	4 58	18 15	1 55	15 33	1 25	7 39	0 40	20 15	1 23	23 57	0 21	17 55	0 7	19 25	1 25	10 0	8 16	5 6	5 44	17 55		n.a.
S 16	14 5	22 59	4 37	18 29	1 41	15 8	1 25	7 21	0 40	20 17	1 23	23 57	0 21	17 55	0 7	19 25	1 25	10 1	8 15	5 2	5 43	17 52		n.a.
S 17	13 45	18 57	4 4	18 43	1 27	14 42	1 25	7 3	0 39	20 19	1 23	23 57	0 21	17 55	0 7	19 25	1 25	10 1	8 15	4 58	5 41	17 50		n.a.
M18	13 25	14 11	3 21	18 55	1 13	14 17	1 25	6 45	0 38	20 21	1 23	23 58	0 21	17 56	0 7	19 25	1 26	10 1	8 15	4 55	5 40	17 47		n.a.
T 19	13 5	8 54	2 29	19 5	0 59	13 51	1 25	6 27	0 38	20 23	1 23	23 58	0 21	17 56	0 7	19 26	1 26	10 2	8 15	4 52	5 39	17 44		n.a.
W20	12 45	3 16	1 30	19 14	0 45	13 25	1 25	6 9	0 37	20 24	1 23	23 58	0 21	17 56	0 7	19 26	1 26	10 2	8 14	4 51	5 38	17 41		n.a.
T 21	12 24	2s30	0 26	19 22	0 32	12 58	1 25	5 51	0 37	20 26	1 23	23 58	0 21	17 57	0 7	19 26	1 26	10 2	8 14	4 50	5 36	17 38		n.a.
F 22	12 3	8 15	0s39	19 28	0 19	12 31	1 24	5 33	0 36	20 28	1 23	23 58	0 21	17 57	0 7	19 26	1 26	10 2	8 14	4 50	5 35	17 36		n.a.
S 23	11 42	13 48	1 44	19 32	0 7	12 3	1 24	5 15	0 35	20 29	1 23	23 58	0 21	17 57	0 7	19 26	1 26	10 3	8 14	4 51	5 34	17 33		n.a.
S 24	11 21	18 54	2 45	19 35	0s 5	11 36	1 24	4 57	0 35	20 31	1 22	23 59	0 21	17 57	0 7	19 26	1 26	10 3	8 14	4 51	5 33	17 30		n.a.
M25	11 0	23 17	3 40	19 37	0 17	11 8	1 23	4 39	0 34	20 32	1 22	23 59	0 22	17 58	0 7	19 26	1 26	10 3	8 13	4 52	5 31	17 27		n.a.
T 26	10 38	26 37	4 24	19 37	0 28	10 39	1 22	4 21	0 34	20 34	1 22	23 59	0 22	17 58	0 7	19 26	1 26	10 4	8 13	4 52	5 30	17 24		n.a.
W27	10 17	28 31	4 55	19 35	0 39	10 11	1 22	4 2	0 33	20 35	1 22	23 59	0 22	17 59	0 7	19 26	1 26	10 4	8 13	4 51	5 29	17 22		n.a.
T 28	9s55	28s39	5s10	19s32	0s49	9s42	1s21	3s44	0s32	20n37	1n22	23n59	0n22	17n59	0s 7	19s26	1n26	10n 4	8s13	4n50	5n28	17n19		n.a.

Julian Day Number = 1603843.5, Delta T = 03h57m29s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'59, Lahiri = - 8°23'58 Julian Calendar 1 Feb. 322 BCE == Greg. Calendar 27 Jan. 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

MARCH 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 14 33	5♓39'05	22♉37	7♒56	9♓50	22♓39	4°R46	5°R25	20♉32	2♐ 6	20♉ 6	12°R 0	13♈37	24♌17	n.a.	F 1
S 2	10 18 29	6°38'10	7♒33	8°53	11° 4	23°23	4♌40	5♋24	20°34	2° 6	20° 7	11♈55	13°34	24°24	n.a.	S 2
S 3	10 22 26	7°37'12	22°43	9°53	12°18	24° 7	4°35	5°22	20°35	2° 6	20° 7	11°50	13°31	24°30	n.a.	S 3
M 4	10 26 22	8°36'13	7♓57	10°56	13°33	24°51	4°29	5°22	20°37	2° 6	20° 8	11°45	13°28	24°37	n.a.	M 4
T 5	10 30 19	9°35'11	23° 6	12° 1	14°47	25°35	4°24	5°21	20°38	2° 6	20° 8	11°43	13°25	24°44	n.a.	T 5
W 6	10 34 16	10°34'08	7♈58	13° 9	16° 1	26°19	4°19	5°20	20°40	2° 7	20° 9	11°D42	13°22	24°51	n.a.	W 6
T 7	10 38 12	11°33'02	22°29	14°19	17°16	27° 3	4°14	5°19	20°42	2° 7	20°10	11°42	13°18	24°57	n.a.	T 7
F 8	10 42 9	12°31'53	6♉33	15°32	18°30	27°47	4° 9	5°19	20°43	2° 7	20°10	11°43	13°15	25° 4	n.a.	F 8
S 9	10 46 5	13°30'43	20°10	16°46	19°44	28°31	4° 4	5°19	20°45	2°R 7	20°11	11°45	13°12	25°11	n.a.	S 9
S 10	10 50 2	14°29'30	3♊21	18° 3	20°58	29°14	4° 0	5°18	20°47	2° 7	20°12	11°46	13° 9	25°17	n.a.	S 10
M11	10 53 58	15°28'14	16° 9	19°21	22°12	29°58	3°55	5°18	20°49	2° 7	20°12	11°R46	13° 6	25°24	n.a.	M11
T 12	10 57 55	16°26'57	28°38	20°42	23°27	0♈42	3°51	5°D18	20°51	2° 7	20°13	11°46	13° 3	25°31	n.a.	T 12
W13	11 1 51	17°25'37	10♋51	22° 4	24°41	1°25	3°47	5°18	20°53	2° 7	20°14	11°44	12°59	25°37	n.a.	W13
T 14	11 5 48	18°24'14	22°53	23°29	25°55	2° 9	3°43	5°18	20°55	2° 6	20°14	11°41	12°56	25°44	n.a.	T 14
F 15	11 9 45	19°22'50	4♌48	24°55	27° 9	2°52	3°39	5°18	20°57	2° 6	20°15	11°38	12°53	25°51	n.a.	F 15
S 16	11 13 41	20°21'23	16°39	26°23	28°23	3°35	3°36	5°19	20°59	2° 6	20°16	11°34	12°50	25°57	n.a.	S 16
S 17	11 17 38	21°19'54	28°29	27°52	29°37	4°19	3°32	5°19	21° 1	2° 6	20°17	11°31	12°47	26° 4	n.a.	S 17
M18	11 21 34	22°18'23	10♍20	29°24	0♈51	5° 2	3°29	5°20	21° 3	2° 6	20°18	11°28	12°43	26°11	n.a.	M18
T 19	11 25 31	23°16'49	22°15	0♓57	2° 5	5°45	3°26	5°21	21° 5	2° 5	20°18	11°26	12°40	26°17	n.a.	T 19
W20	11 29 27	24°15'14	4♎16	2°32	3°19	6°28	3°23	5°21	21° 8	2° 5	20°19	11°25	12°37	26°24	n.a.	W20
T 21	11 33 24	25°13'37	16°23	4° 9	4°33	7°12	3°20	5°22	21°10	2° 5	20°20	11°D25	12°34	26°31	n.a.	T 21
F 22	11 37 20	26°11'58	28°40	5°47	5°47	7°55	3°18	5°23	21°12	2° 4	20°21	11°26	12°31	26°38	n.a.	F 22
S 23	11 41 17	27°10'17	11♏ 9	7°27	7° 1	8°38	3°16	5°24	21°15	2° 4	20°22	11°27	12°28	26°44	n.a.	S 23
S 24	11 45 13	28° 8'34	23°51	9° 9	8°15	9°21	3°13	5°26	21°17	2° 3	20°23	11°28	12°24	26°51	n.a.	S 24
M25	11 49 10	29° 6'50	6♐50	10°52	9°29	10° 4	3°11	5°27	21°20	2° 3	20°24	11°29	12°21	26°58	n.a.	M25
T 26	11 53 7	0♈ 5'04	20° 7	12°37	10°43	10°46	3°10	5°28	21°22	2° 2	20°25	11°30	12°18	27° 4	n.a.	T 26
W27	11 57 3	1° 3'17	3♉44	14°24	11°56	11°29	3° 8	5°30	21°25	2° 2	20°26	11°R30	12°15	27°11	n.a.	W27
T 28	12 1 0	2° 1'28	17°42	16°13	13°10	12°12	3° 7	5°32	21°27	2° 1	20°27	11°29	12°12	27°18	n.a.	T 28
F 29	12 4 56	2°59'38	2♒ 1	18° 3	14°24	12°55	3° 5	5°33	21°30	2° 1	20°28	11°29	12° 8	27°24	n.a.	F 29
S 30	12 8 53	3°57'46	16°38	19°55	15°38	13°38	3° 4	5°35	21°32	2° 0	20°29	11°28	12° 5	27°31	n.a.	S 30
S 31	12 12 49	4♈55'52	1♓28	21♓49	16♈52	14♈20	3♌ 3	5♋37	21♉35	1♐59	20♉30	11♈27	12♈ 2	27♌38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s33	26s50	5s 6	19s27	0s58	9s13	1s20	3s26	0s32	20n38	1n22	23n59	0n22	17n59	0s 7	19s26	1n26	10n 5	8s12	4n48	5n26	17n16		n.a.
S 2	9 11	23 7	4 41	19 21	1 8	8 44	1 20	3 8	0 31	20 40	1 22	23 59	0 22	18 0	0 7	19 26	1 26	10 5	8 12	4 46	5 25	17 13		n.a.
S 3	8 49	17 49	3 56	19 13	1 16	8 14	1 19	2 50	0 30	20 41	1 22	23 59	0 22	18 0	0 7	19 26	1 26	10 5	8 12	4 44	5 24	17 10		n.a.
M 4	8 27	11 22	2 54	19 4	1 25	7 44	1 18	2 31	0 30	20 42	1 22	24 0	0 22	18 1	0 7	19 26	1 26	10 6	8 12	4 42	5 23	17 8		n.a.
T 5	8 4	4 18	1 40	18 53	1 32	7 15	1 17	2 13	0 29	20 43	1 22	24 0	0 22	18 1	0 7	19 26	1 26	10 6	8 12	4 41	5 21	17 5		n.a.
W 6	7 42	2n53	0 20	18 40	1 40	6 44	1 16	1 55	0 29	20 45	1 22	24 0	0 22	18 2	0 7	19 26	1 26	10 6	8 11	4 41	5 20	17 2		n.a.
T 7	7 19	9 46	0n59	18 26	1 46	6 14	1 15	1 37	0 28	20 46	1 22	24 0	0 22	18 2	0 7	19 26	1 26	10 7	8 11	4 41	5 19	16 59		n.a.
F 8	6 56	15 57	2 12	18 10	1 52	5 44	1 13	1 19	0 27	20 47	1 22	24 0	0 22	18 2	0 7	19 26	1 26	10 7	8 11	4 41	5 18	16 56		n.a.
S 9	6 34	21 8	3 15	17 53	1 58	5 13	1 12	1 0	0 27	20 48	1 22	24 0	0 22	18 3	0 7	19 26	1 26	10 8	8 11	4 42	5 16	16 53		n.a.
S 10	6 11	25 7	4 6	17 34	2 3	4 42	1 11	0 42	0 26	20 49	1 22	24 0	0 22	18 3	0 7	19 26	1 26	10 8	8 10	4 42	5 15	16 50		n.a.
M11	5 48	27 42	4 43	17 13	2 8	4 12	1 10	0 24	0 25	20 50	1 21	24 0	0 22	18 4	0 7	19 26	1 26	10 8	8 10	4 43	5 14	16 48		n.a.
T 12	5 25	28 50	5 6	16 51	2 12	3 41	1 8	0 6	0 25	20 51	1 21	24 0	0 23	18 5	0 7	19 26	1 26	10 9	8 10	4 42	5 13	16 45		n.a.
W13	5 2	28 30	5 14	16 28	2 16	3 10	1 7	0n12	0 24	20 52	1 21	24 0	0 23	18 5	0 7	19 26	1 26	10 9	8 10	4 42	5 11	16 42		n.a.
T 14	4 38	26 50	5 8	16 3	2 19	2 38	1 5	0 30	0 24	20 53	1 21	24 0	0 23	18 6	0 7	19 26	1 26	10 9	8 10	4 41	5 10	16 39		n.a.
F 15	4 15	23 58	4 49	15 36	2 22	2 7	1 4	0 48	0 23	20 53	1 21	24 0	0 23	18 6	0 7	19 26	1 27	10 10	8 9	4 39	5 9	16 36		n.a.
S 16	3 52	20 7	4 17	15 8	2 24	1 36	1 2	1 6	0 22	20 54	1 21	24 0	0 23	18 7	0 7	19 26	1 27	10 10	8 9	4 38	5 8	16 33		n.a.
S 17	3 29	15 30	3 35	14 38	2 25	1 5	1 1	1 24	0 22	20 55	1 21	24 0	0 23	18 7	0 7	19 25	1 27	10 11	8 9	4 36	5 6	16 30		n.a.
M18	3 5	10 18	2 43	14 6	2 27	0 33	0 59	1 42	0 21	20 55	1 21	24 1	0 23	18 8	0 7	19 25	1 27	10 11	8 9	4 35	5 5	16 27		n.a.
T 19	2 42	4 42	1 44	13 33	2 27	0 2	0 57	2 0	0 20	20 56	1 20	24 1	0 23	18 9	0 7	19 25	1 27	10 11	8 9	4 35	5 4	16 24		n.a.
W20	2 19	1s 7	0 39	12 59	2 27	0n29	0 55	2 18	0 20	20 57	1 20	24 1	0 23	18 9	0 7	19 25	1 27	10 12	8 8	4 34	5 3	16 22		n.a.
T 21	1 55	6 57	0s27	12 23	2 27	1 1	0 53	2 36	0 19	20 57	1 20	24 1	0 23	18 10	0 7	19 25	1 27	10 12	8 8	4 34	5 1	16 19		n.a.
F 22	1 32	12 36	1 34	11 45	2 26	1 32	0 52	2 54	0 19	20 58	1 20	24 1	0 23	18 10	0 7	19 25	1 27	10 13	8 8	4 34	5 0	16 16		n.a.
S 23	1 8	17 51	2 37	11 6	2 24	2 4	0 50	3 11	0 18	20 58	1 20	24 1	0 23	18 11	0 7	19 25	1 27	10 13	8 8	4 35	4 59	16 13		n.a.
S 24	0 45	22 25	3 34	10 26	2 22	2 35	0 48	3 29	0 17	20 58	1 20	24 1	0 23	18 12	0 7	19 25	1 27	10 14	8 8	4 35	4 58	16 10		n.a.
M25	0 21	26 0	4 21	9 43	2 19	3 6	0 46	3 47	0 17	20 59	1 20	24 1	0 23	18 12	0 7	19 25	1 27	10 14	8 7	4 36	4 56	16 7		n.a.
T 26	0n 2	28 16	4 55	9 0	2 16	3 37	0 44	4 4	0 16	20 59	1 20	24 1	0 23	18 13	0 7	19 24	1 27	10 14	8 7	4 36	4 55	16 4		n.a.
W27	0 25	28 55	5 14	8 15	2 12	4 8	0 42	4 22	0 15	20 59	1 19	24 1	0 23	18 14	0 7	19 24	1 27	10 15	8 7	4 36	4 54	16 1		n.a.
T 28	0 49	27 45	5 15	7 28	2 8	4 39	0 40	4 39	0 15	20 59	1 19	24 1	0 23	18 14	0 7	19 24	1 27	10 15	8 7	4 36	4 53	15 58		n.a.
F 29	1 12	24 46	4 57	6 40	2 3	5 10	0 37	4 57	0 14	20 59	1 19	24 1	0 23	18 15	0 7	19 24	1 27	10 16	8 7	4 36	4 51	15 55		n.a.
S 30	1 36	20 9	4 19	5 51	1 58	5 41	0 35	5 14	0 14	21 0	1 19	24 1	0 24	18 16	0 7	19 24	1 27	10 16	8 7	4 35	4 50	15 52		n.a.
S 31	1n59	14s15	3s24	5s 0	1s52	6n12	0s33	5n31	0s13	21n 0	1n19	24n 1	0n24	18n17	0s 7	19s24	1n27	10n17	8s 6	4n35	4n49	15n49		n.a.

Julian Day Number = 1603871.5, Delta T = 03h57m28s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'55, Lahiri = - 8°23'54 Julian Calendar 1 March 322 BCE == Greg. Calendar 24 Feb. 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

APRIL 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 16 46	5♈53'57	16♓24	23♓44	18♈ 5	15♈ 3	3°R 3	5♋39	21♉38	1°R59	20♉31	11°R26	11♈59	27♌44	n.a.	M 1
T 2	12 20 42	6°52'00	1♈19	25°42	19°19	15°45	3♌ 2	5°41	21°40	1♐58	20°32	11♈26	11°56	27°51	n.a.	T 2
W 3	12 24 39	7°50'01	16° 5	27°40	20°33	16°28	3° 2	5°44	21°43	1°57	20°33	11°D26	11°53	27°58	n.a.	W 3
T 4	12 28 36	8°48'01	0♉34	29°41	21°47	17°10	3°D 2	5°46	21°46	1°56	20°34	11°26	11°49	28° 4	n.a.	T 4
F 5	12 32 32	9°45'59	14°41	1♈43	23° 0	17°53	3° 2	5°49	21°49	1°55	20°35	11°26	11°46	28°11	n.a.	F 5
S 6	12 36 29	10°43'55	28°24	3°47	24°14	18°35	3° 2	5°51	21°52	1°55	20°36	11°27	11°43	28°18	n.a.	S 6
S 7	12 40 25	11°41'49	11♊41	5°52	25°28	19°17	3° 2	5°54	21°55	1°54	20°37	11°R27	11°40	28°24	n.a.	S 7
M 8	12 44 22	12°39'41	24°34	7°58	26°41	20° 0	3° 3	5°57	21°57	1°53	20°38	11°27	11°37	28°31	n.a.	M 8
T 9	12 48 18	13°37'32	7♋ 7	10° 6	27°55	20°42	3° 4	5°59	22° 0	1°52	20°40	11°26	11°34	28°38	n.a.	T 9
W10	12 52 15	14°35'21	19°22	12°15	29° 8	21°24	3° 5	6° 2	22° 3	1°51	20°41	11°D26	11°30	28°45	n.a.	W10
T 11	12 56 11	15°33'07	1♌24	14°24	0♉22	22° 6	3° 6	6° 5	22° 6	1°50	20°42	11°27	11°27	28°51	n.a.	T 11
F 12	13 0 8	16°30'52	13°19	16°34	1°36	22°48	3° 7	6° 9	22° 9	1°49	20°43	11°27	11°24	28°58	n.a.	F 12
S 13	13 4 5	17°28'36	25° 9	18°45	2°49	23°30	3° 9	6°12	22°12	1°48	20°44	11°28	11°21	29° 5	n.a.	S 13
S 14	13 8 1	18°26'17	6♍59	20°56	4° 3	24°12	3°11	6°15	22°16	1°47	20°46	11°28	11°18	29°11	n.a.	S 14
M15	13 11 58	19°23'57	18°53	23° 6	5°16	24°54	3°12	6°19	22°19	1°46	20°47	11°29	11°14	29°18	n.a.	M15
T 16	13 15 54	20°21'35	0♎54	25°17	6°29	25°36	3°14	6°22	22°22	1°45	20°48	11°29	11°11	29°25	n.a.	T 16
W17	13 19 51	21°19'12	13° 4	27°26	7°43	26°18	3°17	6°26	22°25	1°44	20°49	11°R30	11° 8	29°31	n.a.	W17
T 18	13 23 47	22°16'47	25°26	29°35	8°56	27° 0	3°19	6°29	22°28	1°43	20°50	11°29	11° 5	29°38	n.a.	T 18
F 19	13 27 44	23°14'21	8♏ 0	1♉43	10°10	27°41	3°22	6°33	22°31	1°41	20°52	11°28	11° 2	29°45	n.a.	F 19
S 20	13 31 40	24°11'54	20°47	3°49	11°23	28°23	3°24	6°37	22°35	1°40	20°53	11°27	10°59	29°51	n.a.	S 20
S 21	13 35 37	25° 9'25	3♐48	5°53	12°36	29° 5	3°27	6°41	22°38	1°39	20°54	11°25	10°55	29°58	n.a.	S 21
M22	13 39 34	26° 6'56	17° 4	7°55	13°50	29°46	3°30	6°45	22°41	1°38	20°56	11°23	10°52	0♍ 5	n.a.	M22
T 23	13 43 30	27° 4'26	0♑33	9°56	15° 3	0♉28	3°34	6°49	22°44	1°37	20°57	11°22	10°49	0°11	n.a.	T 23
W24	13 47 27	28° 1'54	14°17	11°54	16°16	1° 9	3°37	6°53	22°48	1°35	20°58	11°21	10°46	0°18	n.a.	W24
T 25	13 51 23	28°59'22	28°13	13°49	17°29	1°51	3°41	6°58	22°51	1°34	21° 0	11°D20	10°43	0°25	n.a.	T 25
F 26	13 55 20	29°56'49	12♒22	15°42	18°43	2°32	3°44	7° 2	22°54	1°33	21° 1	11°20	10°40	0°31	n.a.	F 26
S 27	13 59 16	0♉54'15	26°42	17°33	19°56	3°13	3°48	7° 7	22°58	1°31	21° 2	11°21	10°36	0°38	n.a.	S 27
S 28	14 3 13	1°51'40	11♓ 9	19°21	21° 9	3°55	3°52	7°11	23° 1	1°30	21° 4	11°23	10°33	0°45	n.a.	S 28
M29	14 7 9	2°49'05	25°41	21° 6	22°22	4°36	3°57	7°16	23° 4	1°29	21° 5	11°24	10°30	0°51	n.a.	M29
T 30	14 11 6	3♉46'28	10♈11	22♉48	23♉35	5♉17	4♌ 1	7♋20	23♉ 8	1♐27	21♉ 6	11°R24	10♈27	0♍58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n22	7s29	2s14	4s 8	1s46	6n42	0s31	5n49	0s12	21n 0	1n19	24n 0	0n24	18n17	0s 7	19s24	1n27	10n17	8s 6	4n35	4n48	15n46		n.a.
T 2	2 46	0 19	0 56	3 14	1 39	7 13	0 28	6 6	0 12	21 0	1 19	24 0	0 24	18 18	0 7	19 23	1 27	10 17	8 6	4 35	4 46	15 43		n.a.
W 3	3 9	6n48	0n26	2 20	1 31	7 43	0 26	6 23	0 11	21 0	1 18	24 0	0 24	18 19	0 7	19 23	1 27	10 18	8 6	4 35	4 45	15 40		n.a.
T 4	3 32	13 26	1 44	1 24	1 24	8 13	0 24	6 40	0 10	20 59	1 18	24 0	0 24	18 19	0 7	19 23	1 27	10 18	8 6	4 35	4 44	15 38		n.a.
F 5	3 55	19 13	2 54	0 27	1 15	8 43	0 22	6 57	0 10	20 59	1 18	24 0	0 24	18 20	0 7	19 23	1 27	10 19	8 6	4 35	4 43	15 35		n.a.
S 6	4 18	23 49	3 52	0n30	1 6	9 13	0 19	7 14	0 9	20 59	1 18	24 0	0 24	18 21	0 7	19 23	1 27	10 19	8 5	4 35	4 41	15 32		n.a.
S 7	4 41	27 1	4 36	1 29	0 57	9 42	0 17	7 31	0 9	20 59	1 18	24 0	0 24	18 22	0 7	19 22	1 27	10 20	8 5	4 35	4 40	15 29		n.a.
M 8	5 4	28 41	5 4	2 28	0 48	10 12	0 14	7 47	0 8	20 59	1 18	24 0	0 24	18 22	0 7	19 22	1 27	10 20	8 5	4 35	4 39	15 26		n.a.
T 9	5 26	28 48	5 16	3 28	0 38	10 41	0 12	8 4	0 7	20 58	1 17	24 0	0 24	18 23	0 7	19 22	1 27	10 21	8 5	4 35	4 38	15 23		n.a.
W10	5 49	27 30	5 14	4 28	0 28	11 9	0 9	8 21	0 7	20 58	1 17	24 0	0 24	18 24	0 7	19 22	1 27	10 21	8 5	4 35	4 36	15 20		n.a.
T 11	6 12	24 56	4 58	5 29	0 18	11 38	0 7	8 37	0 6	20 57	1 17	24 0	0 24	18 25	0 7	19 21	1 27	10 21	8 5	4 35	4 35	15 17		n.a.
F 12	6 34	21 20	4 30	6 29	0 7	12 6	0 5	8 53	0 5	20 57	1 17	24 0	0 24	18 26	0 7	19 21	1 27	10 22	8 5	4 35	4 34	15 14		n.a.
S 13	6 57	16 54	3 50	7 29	0n 3	12 34	0 2	9 10	0 5	20 56	1 17	24 0	0 24	18 26	0 7	19 21	1 27	10 22	8 4	4 35	4 33	15 11		n.a.
S 14	7 19	11 50	3 0	8 29	0 14	13 2	0n 0	9 26	0 4	20 56	1 17	24 0	0 24	18 27	0 7	19 21	1 28	10 23	8 4	4 36	4 31	15 8		n.a.
M15	7 41	6 19	2 2	9 28	0 25	13 29	0 3	9 42	0 4	20 55	1 16	23 59	0 24	18 28	0 7	19 21	1 28	10 23	8 4	4 36	4 30	15 5		n.a.
T 16	8 3	0 32	0 58	10 26	0 35	13 56	0 6	9 58	0 3	20 55	1 16	23 59	0 24	18 29	0 7	19 20	1 28	10 24	8 4	4 36	4 29	15 2		n.a.
W17	8 25	5s21	0s 9	11 24	0 45	14 23	0 8	10 14	0 2	20 54	1 16	23 59	0 25	18 30	0 7	19 20	1 28	10 24	8 4	4 36	4 28	14 59		n.a.
T 18	8 47	11 8	1 16	12 19	0 55	14 49	0 11	10 30	0 2	20 53	1 16	23 59	0 25	18 31	0 7	19 20	1 28	10 25	8 4	4 36	4 26	14 56		n.a.
F 19	9 8	16 34	2 22	13 14	1 5	15 15	0 13	10 46	0 1	20 52	1 16	23 59	0 25	18 31	0 7	19 20	1 28	10 25	8 4	4 36	4 25	14 53		n.a.
S 20	9 30	21 23	3 21	14 6	1 14	15 41	0 16	11 1	0 1	20 52	1 16	23 59	0 25	18 32	0 7	19 19	1 28	10 25	8 3	4 35	4 24	14 50		n.a.
S 21	9 51	25 16	4 10	14 57	1 23	16 6	0 18	11 17	0n 0	20 51	1 16	23 59	0 25	18 33	0 7	19 19	1 28	10 26	8 3	4 34	4 22	14 47		n.a.
M22	10 12	27 52	4 48	15 46	1 31	16 31	0 21	11 32	0 1	20 50	1 15	23 58	0 25	18 34	0 7	19 19	1 28	10 26	8 3	4 34	4 21	14 44		n.a.
T 23	10 33	28 54	5 10	16 32	1 39	16 55	0 23	11 48	0 1	20 49	1 15	23 58	0 25	18 35	0 7	19 18	1 28	10 27	8 3	4 33	4 20	14 41		n.a.
W24	10 54	28 11	5 15	17 16	1 46	17 19	0 26	12 3	0 2	20 48	1 15	23 58	0 25	18 36	0 7	19 18	1 28	10 27	8 3	4 32	4 19	14 38		n.a.
T 25	11 15	25 42	5 2	17 58	1 53	17 43	0 28	12 18	0 2	20 47	1 15	23 58	0 25	18 37	0 7	19 18	1 28	10 28	8 3	4 32	4 17	14 34		n.a.
F 26	11 36	21 37	4 31	18 38	1 58	18 6	0 31	12 33	0 3	20 46	1 15	23 58	0 25	18 37	0 6	19 18	1 28	10 28	8 3	4 32	4 16	14 31		n.a.
S 27	11 56	16 14	3 42	19 15	2 3	18 28	0 33	12 48	0 4	20 45	1 15	23 58	0 25	18 38	0 6	19 17	1 28	10 29	8 3	4 33	4 15	14 28		n.a.
S 28	12 16	9 55	2 39	19 50	2 8	18 51	0 36	13 3	0 4	20 44	1 14	23 57	0 25	18 39	0 6	19 17	1 28	10 29	8 3	4 33	4 14	14 25		n.a.
M29	12 36	3 3	1 26	20 22	2 12	19 12	0 38	13 17	0 5	20 43	1 14	23 57	0 25	18 40	0 6	19 17	1 28	10 29	8 2	4 34	4 12	14 22		n.a.
T 30	12n56	3n59	0s 7	20n52	2n14	19n33	0n41	13n32	0n 6	20n41	1n14	23n57	0n25	18n41	0s 6	19s16	1n28	10n30	8s 2	4n34	4n11	14n19		n.a.

Julian Day Number = 1603902.5, Delta T = 03h57m27s
Ecliptic obliquity = 23°44'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'51, Lahiri = - 8°23'50 Julian Calendar 1 Apr. 322 BCE == Greg. Calendar 27 March 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

MAY 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 15 3	4♉43'50	24♈36	24♉28	24♉48	5♉59	4♌ 5	7♋25	23♉11	1°R26	21♉ 8	11°R24	10♈24	1♍ 5	n.a.	W 1
T 2	14 18 59	5°41'12	8♉50	26° 4	26° 2	6°40	4°10	7°30	23°15	1♐25	21° 9	11♈22	10°20	1°11	n.a.	T 2
F 3	14 22 56	6°38'33	22°48	27°38	27°15	7°21	4°15	7°35	23°18	1°23	21°10	11°19	10°17	1°18	n.a.	F 3
S 4	14 26 52	7°35'53	6♊26	29° 9	28°28	8° 2	4°20	7°40	23°21	1°22	21°12	11°16	10°14	1°25	n.a.	S 4
S 5	14 30 49	8°33'12	19°42	0♊37	29°41	8°43	4°25	7°45	23°25	1°20	21°13	11°12	10°11	1°31	n.a.	S 5
M 6	14 34 45	9°30'30	2♋37	2° 2	0♊54	9°24	4°31	7°50	23°28	1°19	21°15	11° 8	10° 8	1°38	n.a.	M 6
T 7	14 38 42	10°27'46	15°11	3°23	2° 7	10° 5	4°36	7°55	23°32	1°17	21°16	11° 4	10° 5	1°45	n.a.	T 7
W 8	14 42 38	11°25'02	27°28	4°42	3°20	10°46	4°42	8° 1	23°35	1°16	21°17	11° 2	10° 1	1°52	n.a.	W 8
T 9	14 46 35	12°22'17	9♌31	5°58	4°33	11°27	4°47	8° 6	23°39	1°14	21°19	11°D 1	9°58	1°58	n.a.	T 9
F 10	14 50 32	13°19'30	21°26	7°10	5°46	12° 7	4°53	8°11	23°42	1°13	21°20	11° 2	9°55	2° 5	n.a.	F 10
S 11	14 54 28	14°16'43	3♍16	8°20	6°58	12°48	4°59	8°17	23°46	1°11	21°22	11° 3	9°52	2°12	n.a.	S 11
S 12	14 58 25	15°13'55	15° 8	9°26	8°11	13°29	5° 6	8°23	23°49	1°10	21°23	11° 4	9°49	2°18	n.a.	S 12
M13	15 2 21	16°11'05	27° 4	10°28	9°24	14° 9	5°12	8°28	23°53	1° 8	21°24	11° 6	9°45	2°25	n.a.	M13
T 14	15 6 18	17° 8'15	9♎11	11°28	10°37	14°50	5°18	8°34	23°57	1° 7	21°26	11°R 7	9°42	2°32	n.a.	T 14
W15	15 10 14	18° 5'25	21°31	12°23	11°50	15°31	5°25	8°40	24° 0	1° 5	21°27	11° 6	9°39	2°38	n.a.	W15
T 16	15 14 11	19° 2'33	4♏ 6	13°15	13° 2	16°11	5°32	8°45	24° 4	1° 4	21°29	11° 4	9°36	2°45	n.a.	T 16
F 17	15 18 7	19°59'42	16°58	14° 4	14°15	16°52	5°39	8°51	24° 7	1° 2	21°30	11° 0	9°33	2°52	n.a.	F 17
S 18	15 22 4	20°56'49	0♐ 8	14°49	15°28	17°32	5°46	8°57	24°11	1° 0	21°31	10°55	9°30	2°58	n.a.	S 18
S 19	15 26 1	21°53'57	13°34	15°30	16°41	18°13	5°53	9° 3	24°14	0°59	21°33	10°48	9°26	3° 5	n.a.	S 19
M20	15 29 57	22°51'04	27°13	16° 6	17°53	18°53	6° 0	9° 9	24°18	0°57	21°34	10°42	9°23	3°12	n.a.	M20
T 21	15 33 54	23°48'11	11♑ 4	16°39	19° 6	19°33	6° 7	9°15	24°21	0°56	21°36	10°36	9°20	3°18	n.a.	T 21
W22	15 37 50	24°45'18	25° 4	17° 8	20°18	20°14	6°15	9°22	24°25	0°54	21°37	10°31	9°17	3°25	n.a.	W22
T 23	15 41 47	25°42'24	9♒10	17°32	21°31	20°54	6°22	9°28	24°29	0°52	21°39	10°28	9°14	3°32	n.a.	T 23
F 24	15 45 43	26°39'31	23°19	17°52	22°44	21°34	6°30	9°34	24°32	0°51	21°40	10°D27	9°11	3°38	n.a.	F 24
S 25	15 49 40	27°36'38	7♓29	18° 7	23°56	22°14	6°38	9°40	24°36	0°49	21°41	10°27	9° 7	3°45	n.a.	S 25
S 26	15 53 37	28°33'45	21°40	18°18	25° 9	22°54	6°46	9°47	24°39	0°48	21°43	10°28	9° 4	3°52	n.a.	S 26
M27	15 57 33	29°30'52	5♈49	18°24	26°21	23°35	6°54	9°53	24°43	0°46	21°44	10°R29	9° 1	3°58	n.a.	M27
T 28	16 1 30	0♊27'59	19°54	18°R26	27°34	24°15	7° 2	10° 0	24°46	0°44	21°46	10°29	8°58	4° 5	n.a.	T 28
W29	16 5 26	1°25'06	3♉53	18°23	28°46	24°55	7°11	10° 6	24°50	0°43	21°47	10°26	8°55	4°12	n.a.	W29
T 30	16 9 23	2°22'13	17°43	18°15	29°58	25°35	7°19	10°13	24°53	0°41	21°48	10°22	8°51	4°18	n.a.	T 30
F 31	16 13 19	3♊19'21	1♊22	18♊ 4	1♋11	26♉15	7♌28	10♋19	24♉57	0♐39	21♉50	10♈15	8♈48	4♍25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n15	10n46	1n12	21n19	2n17	19n54	0n43	13n46	0n 6	20n40	1n14	23n57	0n25	18n42	0s 6	19s16	1n28	10n30	8s 2	4n34	4n10	14n16		n.a.
T 2	13 35	16 54	2 25	21 45	2 18	20 14	0 45	14 1	0 7	20 39	1 14	23 57	0 25	18 43	0 6	19 16	1 28	10 31	8 2	4 33	4 9	14 13		n.a.
F 3	13 54	22 3	3 28	22 7	2 18	20 34	0 48	14 15	0 7	20 38	1 14	23 56	0 25	18 44	0 6	19 16	1 28	10 31	8 2	4 32	4 7	14 10		n.a.
S 4	14 13	25 53	4 17	22 28	2 18	20 53	0 50	14 29	0 8	20 36	1 13	23 56	0 25	18 44	0 6	19 15	1 28	10 32	8 2	4 31	4 6	14 7		n.a.
S 5	14 32	28 10	4 52	22 46	2 17	21 11	0 52	14 43	0 9	20 35	1 13	23 56	0 25	18 45	0 6	19 15	1 28	10 32	8 2	4 29	4 5	14 4		n.a.
M 6	14 50	28 52	5 10	23 2	2 16	21 29	0 55	14 57	0 9	20 33	1 13	23 56	0 26	18 46	0 6	19 15	1 28	10 32	8 2	4 27	4 4	14 1		n.a.
T 7	15 9	28 2	5 12	23 16	2 13	21 46	0 57	15 10	0 10	20 32	1 13	23 55	0 26	18 47	0 6	19 14	1 28	10 33	8 2	4 26	4 2	13 58		n.a.
W 8	15 27	25 50	5 0	23 28	2 10	22 3	0 59	15 24	0 10	20 30	1 13	23 55	0 26	18 48	0 6	19 14	1 28	10 33	8 2	4 25	4 1	13 55		n.a.
T 9	15 44	22 30	4 35	23 38	2 6	22 19	1 1	15 37	0 11	20 29	1 13	23 55	0 26	18 49	0 6	19 14	1 28	10 34	8 2	4 25	4 0	13 52		n.a.
F 10	16 2	18 18	3 59	23 46	2 1	22 35	1 4	15 51	0 11	20 27	1 13	23 54	0 26	18 50	0 6	19 13	1 28	10 34	8 1	4 25	3 59	13 48		n.a.
S 11	16 19	13 24	3 12	23 52	1 56	22 49	1 6	16 4	0 12	20 26	1 12	23 54	0 26	18 51	0 6	19 13	1 28	10 35	8 1	4 25	3 57	13 45		n.a.
S 12	16 36	8 2	2 17	23 56	1 49	23 4	1 8	16 17	0 13	20 24	1 12	23 54	0 26	18 52	0 6	19 13	1 28	10 35	8 1	4 26	3 56	13 42		n.a.
M13	16 53	2 20	1 16	23 59	1 42	23 17	1 10	16 30	0 13	20 22	1 12	23 54	0 26	18 52	0 6	19 12	1 28	10 35	8 1	4 27	3 55	13 39		n.a.
T 14	17 10	3s31	0 11	24 0	1 35	23 30	1 12	16 42	0 14	20 20	1 12	23 53	0 26	18 53	0 6	19 12	1 28	10 36	8 1	4 27	3 53	13 36		n.a.
W15	17 26	9 22	0s56	23 59	1 26	23 42	1 14	16 55	0 14	20 19	1 12	23 53	0 26	18 54	0 6	19 12	1 28	10 36	8 1	4 27	3 52	13 33		n.a.
T 16	17 42	14 57	2 2	23 57	1 17	23 54	1 16	17 7	0 15	20 17	1 12	23 53	0 26	18 55	0 6	19 11	1 28	10 37	8 1	4 26	3 51	13 30		n.a.
F 17	17 58	20 1	3 2	23 53	1 7	24 5	1 18	17 20	0 16	20 15	1 12	23 52	0 26	18 56	0 6	19 11	1 28	10 37	8 1	4 24	3 50	13 27		n.a.
S 18	18 13	24 15	3 55	23 48	0 56	24 15	1 20	17 32	0 16	20 13	1 11	23 52	0 26	18 57	0 6	19 11	1 28	10 38	8 1	4 22	3 48	13 24		n.a.
S 19	18 28	27 15	4 35	23 41	0 45	24 25	1 21	17 44	0 17	20 11	1 11	23 52	0 26	18 58	0 6	19 10	1 28	10 38	8 1	4 20	3 47	13 21		n.a.
M20	18 43	28 43	5 0	23 33	0 33	24 33	1 23	17 56	0 17	20 9	1 11	23 51	0 26	18 59	0 6	19 10	1 28	10 38	8 1	4 17	3 46	13 17		n.a.
T 21	18 57	28 24	5 9	23 24	0 21	24 41	1 25	18 7	0 18	20 7	1 11	23 51	0 26	19 0	0 6	19 10	1 28	10 39	8 1	4 15	3 45	13 14		n.a.
W22	19 12	26 17	4 59	23 14	0 7	24 49	1 26	18 19	0 18	20 5	1 11	23 50	0 26	19 0	0 6	19 10	1 28	10 39	8 1	4 13	3 43	13 11		n.a.
T 23	19 25	22 32	4 31	23 2	0s 6	24 55	1 28	18 30	0 19	20 3	1 11	23 50	0 26	19 1	0 6	19 9	1 28	10 39	8 1	4 12	3 42	13 8		n.a.
F 24	19 39	17 29	3 47	22 50	0 21	25 1	1 29	18 42	0 20	20 1	1 11	23 50	0 27	19 2	0 6	19 9	1 28	10 40	8 1	4 11	3 41	13 5		n.a.
S 25	19 52	11 28	2 48	22 37	0 35	25 7	1 31	18 53	0 20	19 59	1 11	23 49	0 27	19 3	0 6	19 9	1 28	10 40	8 1	4 11	3 40	13 2		n.a.
S 26	20 5	4 52	1 40	22 22	0 51	25 11	1 32	19 4	0 21	19 57	1 10	23 49	0 27	19 4	0 6	19 8	1 28	10 41	8 1	4 12	3 38	12 59		n.a.
M27	20 18	1n57	0 25	22 8	1 6	25 15	1 34	19 15	0 21	19 55	1 10	23 48	0 27	19 5	0 6	19 8	1 28	10 41	8 1	4 12	3 37	12 55		n.a.
T 28	20 30	8 39	0n51	21 52	1 22	25 18	1 35	19 25	0 22	19 52	1 10	23 48	0 27	19 6	0 6	19 8	1 28	10 41	8 1	4 12	3 36	12 52		n.a.
W29	20 42	14 53	2 3	21 36	1 38	25 20	1 36	19 36	0 22	19 50	1 10	23 48	0 27	19 7	0 6	19 7	1 28	10 42	8 1	4 11	3 34	12 49		n.a.
T 30	20 54	20 18	3 6	21 19	1 54	25 21	1 37	19 46	0 23	19 48	1 10	23 47	0 27	19 8	0 6	19 7	1 28	10 42	8 1	4 9	3 33	12 46		n.a.
F 31	21n 5	24n34	3n58	21n 2	2s10	25n22	1n38	19n56	0n24	19n45	1n10	23n47	0n27	19n 8	0s 6	19s 7	1n28	10n42	8s 1	4n 7	3n32	12n43		n.a.

Julian Day Number = 1603932.5, Delta T = 03h57m26s
Ecliptic obliquity = 23°44'13, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'47, Lahiri = - 8°23'46 Julian Calendar 1 May 322 BCE == Greg. Calendar 26 Apr. 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

JUNE 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 17 16	4♊16'28	14♊45	17°R47	2♋23	26♉55	7♌37	10♋26	25♉ 0	0°R38	21♉51	10°R 7	8♈45	4♍32	n.a.	S 1
S 2	16 21 12	5°13'36	27°51	17♊27	3°35	27°34	7°45	10°33	25° 4	0♐36	21°53	9♈58	8°42	4°38	n.a.	S 2
M 3	16 25 9	6°10'43	10♋39	17° 3	4°48	28°14	7°54	10°40	25° 8	0°35	21°54	9°48	8°39	4°45	n.a.	M 3
T 4	16 29 6	7° 7'51	23°10	16°36	6° 0	28°54	8° 3	10°46	25°11	0°33	21°55	9°40	8°36	4°52	n.a.	T 4
W 5	16 33 2	8° 4'58	5♌25	16° 5	7°12	29°34	8°12	10°53	25°15	0°31	21°57	9°33	8°32	4°58	n.a.	W 5
T 6	16 36 59	9° 2'06	17°28	15°32	8°24	0♊14	8°22	11° 0	25°18	0°30	21°58	9°29	8°29	5° 5	n.a.	T 6
F 7	16 40 55	9°59'13	29°21	14°56	9°37	0°53	8°31	11° 7	25°22	0°28	21°59	9°26	8°26	5°12	n.a.	F 7
S 8	16 44 52	10°56'20	11♍11	14°19	10°49	1°33	8°40	11°14	25°25	0°27	22° 1	9°D25	8°23	5°18	n.a.	S 8
S 9	16 48 48	11°53'27	23° 3	13°41	12° 1	2°13	8°50	11°21	25°28	0°25	22° 2	9°26	8°20	5°25	n.a.	S 9
M10	16 52 45	12°50'34	5♎ 0	13° 2	13°13	2°52	8°59	11°28	25°32	0°23	22° 3	9°R26	8°17	5°32	n.a.	M10
T 11	16 56 41	13°47'41	17°10	12°24	14°25	3°32	9° 9	11°35	25°35	0°22	22° 5	9°26	8°13	5°38	n.a.	T 11
W12	17 0 38	14°44'49	29°36	11°47	15°37	4°11	9°19	11°42	25°39	0°20	22° 6	9°24	8°10	5°45	n.a.	W12
T 13	17 4 35	15°41'57	12♏21	11°12	16°49	4°51	9°29	11°49	25°42	0°19	22° 7	9°20	8° 7	5°52	n.a.	T 13
F 14	17 8 31	16°39'05	25°28	10°39	18° 1	5°30	9°39	11°57	25°46	0°17	22° 9	9°14	8° 4	5°58	n.a.	F 14
S 15	17 12 28	17°36'13	8♐58	10° 9	19°12	6°10	9°49	12° 4	25°49	0°16	22°10	9° 5	8° 1	6° 5	n.a.	S 15
S 16	17 16 24	18°33'22	22°47	9°42	20°24	6°49	9°59	12°11	25°52	0°14	22°11	8°55	7°57	6°12	n.a.	S 16
M17	17 20 21	19°30'32	6♑53	9°19	21°36	7°28	10° 9	12°18	25°56	0°13	22°13	8°44	7°54	6°18	n.a.	M17
T 18	17 24 17	20°27'42	21°11	9° 1	22°48	8° 8	10°20	12°26	25°59	0°11	22°14	8°34	7°51	6°25	n.a.	T 18
W19	17 28 14	21°24'53	5♒34	8°47	23°59	8°47	10°30	12°33	26° 2	0°10	22°15	8°26	7°48	6°32	n.a.	W19
T 20	17 32 11	22°22'05	19°58	8°39	25°11	9°26	10°40	12°40	26° 6	0° 8	22°16	8°20	7°45	6°38	n.a.	T 20
F 21	17 36 7	23°19'17	4♓17	8°D36	26°23	10° 6	10°51	12°48	26° 9	0° 7	22°18	8°17	7°42	6°45	n.a.	F 21
S 22	17 40 4	24°16'31	18°30	8°38	27°34	10°45	11° 2	12°55	26°12	0° 5	22°19	8°16	7°38	6°52	n.a.	S 22
S 23	17 44 0	25°13'46	2♈34	8°46	28°46	11°24	11°12	13° 2	26°15	0° 4	22°20	8°16	7°35	6°58	n.a.	S 23
M24	17 47 57	26°11'01	16°29	9° 0	29°57	12° 3	11°23	13°10	26°19	0° 2	22°21	8°16	7°32	7° 5	n.a.	M24
T 25	17 51 53	27° 8'18	0♉15	9°21	1♌ 9	12°42	11°34	13°17	26°22	0° 1	22°23	8°14	7°29	7°12	n.a.	T 25
W26	17 55 50	28° 5'36	13°51	9°47	2°20	13°21	11°45	13°25	26°25	29♏59	22°24	8°11	7°26	7°18	n.a.	W26
T 27	17 59 46	29° 2'55	27°17	10°19	3°32	14° 0	11°56	13°32	26°28	29°58	22°25	8° 4	7°23	7°25	n.a.	T 27
F 28	18 3 43	0♋ 0'15	10♊32	10°57	4°43	14°39	12° 7	13°40	26°31	29°57	22°26	7°55	7°19	7°32	n.a.	F 28
S 29	18 7 40	0°57'37	23°35	11°41	5°54	15°18	12°18	13°47	26°34	29°56	22°27	7°43	7°16	7°38	n.a.	S 29
S 30	18 11 36	1♋54'59	6♋25	12♊30	7♌ 5	15♊57	12♌29	13♋55	26♉37	29♏54	22♉28	7♈30	7♈13	7♍45	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n16	27n25	4n36	20n45	2s26	25n22	1n39	20n 6	0n24	19n43	1n10	23n46	0n27	19n 9	0s 6	19s 6	1n28	10n43	8s 1	4n 3	3n31	12n40		n.a.
S 2	21 26	28 42	4 58	20 28	2 41	25 22	1 40	20 16	0 25	19 41	1 10	23 46	0 27	19 10	0 6	19 6	1 28	10 43	8 1	4 0	3 29	12 37		n.a.
M 3	21 36	28 22	5 5	20 10	2 56	25 20	1 41	20 25	0 25	19 38	1 9	23 45	0 27	19 11	0 6	19 6	1 28	10 44	8 1	3 56	3 28	12 33		n.a.
T 4	21 46	26 35	4 57	19 53	3 11	25 18	1 42	20 35	0 26	19 36	1 9	23 45	0 27	19 12	0 6	19 5	1 28	10 44	8 1	3 52	3 27	12 30		n.a.
W 5	21 56	23 35	4 35	19 36	3 25	25 15	1 43	20 44	0 26	19 33	1 9	23 44	0 27	19 13	0 6	19 5	1 28	10 44	8 1	3 50	3 26	12 27		n.a.
T 6	22 5	19 37	4 1	19 20	3 38	25 11	1 43	20 53	0 27	19 31	1 9	23 44	0 27	19 14	0 6	19 5	1 28	10 45	8 1	3 48	3 24	12 24		n.a.
F 7	22 13	14 55	3 17	19 4	3 50	25 7	1 44	21 2	0 27	19 28	1 9	23 43	0 27	19 14	0 6	19 4	1 28	10 45	8 1	3 47	3 23	12 21		n.a.
S 8	22 22	9 41	2 25	18 49	4 0	25 2	1 45	21 11	0 28	19 26	1 9	23 43	0 27	19 15	0 6	19 4	1 28	10 45	8 1	3 47	3 22	12 18		n.a.
S 9	22 30	4 7	1 27	18 36	4 10	24 56	1 45	21 20	0 29	19 23	1 9	23 42	0 28	19 16	0 6	19 4	1 28	10 46	8 1	3 47	3 21	12 14		n.a.
M10	22 37	1s39	0 24	18 23	4 18	24 49	1 45	21 28	0 29	19 20	1 9	23 42	0 28	19 17	0 6	19 3	1 28	10 46	8 1	3 47	3 19	12 11		n.a.
T 11	22 44	7 27	0s41	18 11	4 25	24 42	1 46	21 36	0 30	19 17	1 9	23 41	0 28	19 18	0 6	19 3	1 28	10 46	8 1	3 47	3 18	12 8		n.a.
W12	22 51	13 6	1 45	18 2	4 30	24 34	1 46	21 44	0 30	19 15	1 9	23 40	0 28	19 19	0 6	19 3	1 28	10 47	8 1	3 46	3 17	12 5		n.a.
T 13	22 57	18 22	2 46	17 53	4 33	24 25	1 46	21 52	0 31	19 12	1 8	23 40	0 28	19 20	0 6	19 2	1 28	10 47	8 1	3 45	3 15	12 2		n.a.
F 14	23 3	22 55	3 39	17 47	4 35	24 15	1 46	22 0	0 31	19 9	1 8	23 39	0 28	19 20	0 6	19 2	1 28	10 47	8 1	3 42	3 14	11 58		n.a.
S 15	23 9	26 22	4 22	17 42	4 35	24 5	1 46	22 8	0 32	19 6	1 8	23 39	0 28	19 21	0 6	19 2	1 28	10 47	8 1	3 39	3 13	11 55		n.a.
S 16	23 14	28 22	4 50	17 40	4 34	23 54	1 46	22 15	0 32	19 4	1 8	23 38	0 28	19 22	0 6	19 2	1 28	10 48	8 1	3 35	3 12	11 52		n.a.
M17	23 19	28 35	5 2	17 39	4 31	23 43	1 46	22 22	0 33	19 1	1 8	23 37	0 28	19 23	0 6	19 1	1 28	10 48	8 1	3 30	3 10	11 49		n.a.
T 18	23 23	26 54	4 55	17 41	4 27	23 31	1 45	22 29	0 33	18 58	1 8	23 37	0 28	19 24	0 6	19 1	1 28	10 48	8 1	3 26	3 9	11 46		n.a.
W19	23 27	23 27	4 29	17 44	4 21	23 18	1 45	22 36	0 34	18 55	1 8	23 36	0 28	19 24	0 6	19 1	1 28	10 49	8 1	3 23	3 8	11 42		n.a.
T 20	23 31	18 35	3 46	17 50	4 14	23 4	1 44	22 43	0 35	18 52	1 8	23 36	0 28	19 25	0 6	19 0	1 28	10 49	8 1	3 21	3 7	11 39		n.a.
F 21	23 34	12 41	2 50	17 57	4 6	22 50	1 44	22 49	0 35	18 49	1 8	23 35	0 28	19 26	0 6	19 0	1 27	10 49	8 1	3 19	3 5	11 36		n.a.
S 22	23 37	6 11	1 43	18 7	3 57	22 36	1 43	22 55	0 36	18 46	1 8	23 34	0 28	19 27	0 6	19 0	1 27	10 49	8 1	3 19	3 4	11 33		n.a.
S 23	23 39	0n34	0 30	18 18	3 47	22 20	1 43	23 1	0 36	18 43	1 8	23 34	0 28	19 27	0 6	19 0	1 27	10 50	8 1	3 19	3 3	11 29		n.a.
M24	23 41	7 14	0n43	18 31	3 36	22 4	1 42	23 7	0 37	18 40	1 8	23 33	0 29	19 28	0 6	18 59	1 27	10 50	8 1	3 19	3 2	11 26		n.a.
T 25	23 42	13 28	1 54	18 46	3 24	21 48	1 41	23 13	0 37	18 36	1 7	23 32	0 29	19 29	0 6	18 59	1 27	10 50	8 1	3 18	3 0	11 23		n.a.
W26	23 43	18 59	2 56	19 2	3 11	21 30	1 40	23 19	0 38	18 33	1 7	23 32	0 29	19 30	0 6	18 59	1 27	10 50	8 1	3 17	2 59	11 20		n.a.
T 27	23 44	23 30	3 48	19 20	2 58	21 13	1 39	23 24	0 38	18 30	1 7	23 31	0 29	19 31	0 6	18 58	1 27	10 51	8 1	3 14	2 58	11 17		n.a.
F 28	23 44	26 42	4 27	19 39	2 45	20 54	1 38	23 29	0 39	18 27	1 7	23 30	0 29	19 31	0 6	18 58	1 27	10 51	8 1	3 11	2 56	11 13		n.a.
S 29	23 44	28 26	4 51	19 59	2 31	20 35	1 37	23 34	0 39	18 24	1 7	23 29	0 29	19 32	0 6	18 58	1 27	10 51	8 1	3 6	2 55	11 10		n.a.
S 30	23n43	28n34	5n 0	20n19	2s16	20n16	1n35	23n39	0n40	18n20	1n 7	23n29	0n29	19n33	0s 6	18s58	1n27	10n51	8s 2	3n 1	2n54	11n 7		n.a.

Julian Day Number = 1603963.5, Delta T = 03h57m25s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'42, Lahiri = - 8°23'42 Julian Calendar 1 June 322 BCE == Greg. Calendar 27 May 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

JULY 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 15 33	2♋52'22	19♋ 1	13♊26	8♌17	16♊36	12♌41	14♋ 3	26♉40	29°R53	22♉30	7°R17	7♈10	7♍52	n.a.	M 1
T 2	18 19 29	3°49'46	1♌23	14°27	9°28	17°15	12°52	14°10	26°43	29♏52	22°31	7♈ 6	7° 7	7°58	n.a.	T 2
W 3	18 23 26	4°47'11	13°32	15°34	10°39	17°54	13° 3	14°18	26°46	29°51	22°32	6°56	7° 3	8° 5	n.a.	W 3
T 4	18 27 22	5°44'37	25°31	16°46	11°50	18°33	13°15	14°25	26°49	29°49	22°33	6°48	7° 0	8°12	n.a.	T 4
F 5	18 31 19	6°42'04	7♍22	18° 4	13° 1	19°12	13°27	14°33	26°52	29°48	22°34	6°44	6°57	8°18	n.a.	F 5
S 6	18 35 15	7°39'31	19°10	19°26	14°12	19°50	13°38	14°41	26°55	29°47	22°35	6°41	6°54	8°25	n.a.	S 6
S 7	18 39 12	8°37'00	1♎ 0	20°54	15°23	20°29	13°50	14°48	26°58	29°46	22°36	6°41	6°51	8°32	n.a.	S 7
M 8	18 43 9	9°34'29	12°56	22°26	16°33	21° 8	14° 2	14°56	27° 1	29°45	22°37	6°41	6°48	8°38	n.a.	M 8
T 9	18 47 5	10°32'00	25° 5	24° 3	17°44	21°46	14°13	15° 4	27° 4	29°43	22°38	6°40	6°44	8°45	n.a.	T 9
W10	18 51 2	11°29'31	7♏32	25°43	18°55	22°25	14°25	15°11	27° 7	29°42	22°39	6°38	6°41	8°52	n.a.	W10
T 11	18 54 58	12°27'04	20°21	27°27	20° 5	23° 4	14°37	15°19	27° 9	29°41	22°40	6°34	6°38	8°58	n.a.	T 11
F 12	18 58 55	13°24'37	3♐35	29°15	21°16	23°42	14°49	15°27	27°12	29°40	22°41	6°27	6°35	9° 5	n.a.	F 12
S 13	19 2 51	14°22'12	17°16	1♋ 5	22°26	24°21	15° 1	15°34	27°15	29°39	22°42	6°18	6°32	9°12	n.a.	S 13
S 14	19 6 48	15°19'48	1♑22	2°59	23°37	24°59	15°13	15°42	27°17	29°38	22°43	6° 7	6°29	9°18	n.a.	S 14
M15	19 10 45	16°17'26	15°50	4°54	24°47	25°38	15°25	15°50	27°20	29°37	22°44	5°56	6°25	9°25	n.a.	M15
T 16	19 14 41	17°15'05	0♒31	6°51	25°57	26°16	15°37	15°57	27°23	29°36	22°45	5°46	6°22	9°32	n.a.	T 16
W17	19 18 38	18°12'45	15°20	8°50	27° 8	26°55	15°49	16° 5	27°25	29°35	22°46	5°37	6°19	9°38	n.a.	W17
T 18	19 22 34	19°10'27	0♓ 6	10°50	28°18	27°33	16° 2	16°13	27°28	29°34	22°47	5°31	6°16	9°45	n.a.	T 18
F 19	19 26 31	20° 8'10	14°45	12°50	29°28	28°12	16°14	16°20	27°30	29°33	22°47	5°27	6°13	9°52	n.a.	F 19
S 20	19 30 27	21° 5'56	29°10	14°51	0♍38	28°50	16°26	16°28	27°33	29°33	22°48	5°26	6° 9	9°58	n.a.	S 20
S 21	19 34 24	22° 3'43	13♈19	16°52	1°48	29°28	16°39	16°36	27°35	29°32	22°49	5°D26	6° 6	10° 5	n.a.	S 21
M22	19 38 20	23° 1'32	27°11	18°53	2°58	0♋ 7	16°51	16°43	27°37	29°31	22°50	5°R26	6° 3	10°12	n.a.	M22
T 23	19 42 17	23°59'22	10♉47	20°54	4° 7	0°45	17° 3	16°51	27°40	29°30	22°51	5°25	6° 0	10°18	n.a.	T 23
W24	19 46 14	24°57'15	24° 9	22°54	5°17	1°23	17°16	16°58	27°42	29°29	22°51	5°22	5°57	10°25	n.a.	W24
T 25	19 50 10	25°55'10	7♊16	24°53	6°27	2° 1	17°28	17° 6	27°44	29°29	22°52	5°16	5°54	10°32	n.a.	T 25
F 26	19 54 7	26°53'07	20°11	26°52	7°36	2°40	17°41	17°14	27°46	29°28	22°53	5° 7	5°50	10°38	n.a.	F 26
S 27	19 58 3	27°51'05	2♋55	28°50	8°46	3°18	17°53	17°21	27°49	29°27	22°54	4°57	5°47	10°45	n.a.	S 27
S 28	20 2 0	28°49'06	15°26	0♌46	9°55	3°56	18° 6	17°29	27°51	29°27	22°54	4°45	5°44	10°52	n.a.	S 28
M29	20 5 56	29°47'08	27°47	2°42	11° 4	4°34	18°19	17°36	27°53	29°26	22°55	4°33	5°41	10°58	n.a.	M29
T 30	20 9 53	0♌45'12	9♌58	4°36	12°14	5°12	18°31	17°44	27°55	29°25	22°56	4°22	5°38	11° 5	n.a.	T 30
W31	20 13 49	1♌43'17	21♌59	6♌30	13♍23	5♋50	18♌44	17♋52	27♉57	29♏25	22♉56	4♈13	5♈35	11♍12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n42	27n13	4n54	20n41	2s 2	19n56	1n34	23n43	0n40	18n17	1n 7	23n28	0n29	19n33	0s 6	18s57	1n27	10n51	8s 2	2n56	2n53	11n 4		n.a.
T 2	23 41	24 33	4 34	21 3	1 47	19 35	1 32	23 48	0 41	18 14	1 7	23 27	0 29	19 34	0 6	18 57	1 27	10 52	8 2	2 51	2 51	11 0		n.a.
W 3	23 39	20 49	4 2	21 25	1 33	19 14	1 31	23 52	0 41	18 10	1 7	23 27	0 29	19 35	0 6	18 57	1 27	10 52	8 2	2 47	2 50	10 57		n.a.
T 4	23 37	16 18	3 19	21 47	1 18	18 53	1 29	23 56	0 42	18 7	1 7	23 26	0 29	19 36	0 6	18 57	1 27	10 52	8 2	2 44	2 49	10 54		n.a.
F 5	23 34	11 12	2 28	22 8	1 3	18 31	1 27	24 0	0 42	18 4	1 7	23 25	0 29	19 36	0 6	18 57	1 27	10 52	8 2	2 42	2 48	10 51		n.a.
S 6	23 31	5 44	1 31	22 30	0 49	18 8	1 26	24 3	0 43	18 0	1 7	23 24	0 29	19 37	0 6	18 56	1 27	10 52	8 2	2 41	2 46	10 47		n.a.
S 7	23 27	0 3	0 30	22 50	0 35	17 45	1 24	24 7	0 43	17 57	1 7	23 24	0 30	19 38	0 6	18 56	1 27	10 53	8 2	2 41	2 45	10 44		n.a.
M 8	23 23	5s41	0s33	23 10	0 21	17 22	1 22	24 10	0 44	17 53	1 7	23 23	0 30	19 38	0 6	18 56	1 27	10 53	8 2	2 41	2 44	10 41		n.a.
T 9	23 19	11 19	1 36	23 28	0 8	16 58	1 20	24 13	0 44	17 50	1 7	23 22	0 30	19 39	0 6	18 56	1 27	10 53	8 2	2 41	2 42	10 38		n.a.
W10	23 14	16 39	2 36	23 44	0n 4	16 34	1 17	24 16	0 45	17 46	1 7	23 21	0 30	19 40	0 6	18 56	1 27	10 53	8 2	2 40	2 41	10 34		n.a.
T 11	23 9	21 25	3 29	23 59	0 17	16 9	1 15	24 19	0 45	17 43	1 7	23 20	0 30	19 40	0 6	18 55	1 27	10 53	8 2	2 38	2 40	10 31		n.a.
F 12	23 3	25 16	4 13	24 12	0 28	15 44	1 13	24 21	0 46	17 39	1 7	23 20	0 30	19 41	0 6	18 55	1 27	10 53	8 2	2 36	2 39	10 28		n.a.
S 13	22 57	27 50	4 45	24 23	0 39	15 19	1 10	24 23	0 47	17 35	1 6	23 19	0 30	19 42	0 6	18 55	1 27	10 54	8 3	2 32	2 37	10 25		n.a.
S 14	22 51	28 44	5 0	24 31	0 49	14 53	1 8	24 25	0 47	17 32	1 6	23 18	0 30	19 42	0 6	18 55	1 27	10 54	8 3	2 28	2 36	10 21		n.a.
M15	22 44	27 41	4 56	24 37	0 58	14 27	1 5	24 27	0 48	17 28	1 6	23 17	0 30	19 43	0 6	18 55	1 27	10 54	8 3	2 23	2 35	10 18		n.a.
T 16	22 36	24 44	4 34	24 40	1 7	14 0	1 3	24 29	0 48	17 24	1 6	23 16	0 30	19 43	0 6	18 54	1 27	10 54	8 3	2 19	2 34	10 15		n.a.
W17	22 29	20 8	3 52	24 40	1 14	13 33	1 0	24 31	0 49	17 21	1 6	23 15	0 30	19 44	0 6	18 54	1 27	10 54	8 3	2 15	2 32	10 11		n.a.
T 18	22 21	14 18	2 55	24 38	1 21	13 6	0 57	24 32	0 49	17 17	1 6	23 15	0 30	19 45	0 6	18 54	1 26	10 54	8 3	2 13	2 31	10 8		n.a.
F 19	22 12	7 44	1 47	24 33	1 27	12 39	0 54	24 33	0 50	17 13	1 6	23 14	0 31	19 45	0 6	18 54	1 26	10 54	8 3	2 11	2 30	10 5		n.a.
S 20	22 3	0 51	0 33	24 26	1 32	12 11	0 51	24 34	0 50	17 9	1 6	23 13	0 31	19 46	0 6	18 54	1 26	10 54	8 3	2 11	2 28	10 2		n.a.
S 21	21 54	5n57	0n42	24 15	1 37	11 43	0 48	24 35	0 51	17 6	1 6	23 12	0 31	19 46	0 6	18 54	1 26	10 55	8 3	2 11	2 27	9 58		n.a.
M22	21 45	12 21	1 53	24 3	1 40	11 14	0 45	24 35	0 51	17 2	1 6	23 11	0 31	19 47	0 6	18 54	1 26	10 55	8 3	2 11	2 26	9 55		n.a.
T 23	21 35	18 2	2 56	23 47	1 43	10 46	0 42	24 36	0 52	16 58	1 6	23 10	0 31	19 47	0 6	18 53	1 26	10 55	8 4	2 11	2 25	9 52		n.a.
W24	21 24	22 43	3 48	23 30	1 45	10 17	0 38	24 36	0 52	16 54	1 6	23 9	0 31	19 48	0 6	18 53	1 26	10 55	8 4	2 9	2 23	9 48		n.a.
T 25	21 14	26 11	4 28	23 10	1 47	9 48	0 35	24 36	0 53	16 50	1 6	23 8	0 31	19 48	0 6	18 53	1 26	10 55	8 4	2 7	2 22	9 45		n.a.
F 26	21 2	28 14	4 52	22 48	1 47	9 19	0 32	24 36	0 53	16 46	1 6	23 8	0 31	19 49	0 6	18 53	1 26	10 55	8 4	2 4	2 21	9 42		n.a.
S 27	20 51	28 44	5 2	22 24	1 47	8 49	0 28	24 35	0 54	16 42	1 6	23 7	0 31	19 49	0 6	18 53	1 26	10 55	8 4	1 59	2 20	9 38		n.a.
S 28	20 39	27 45	4 57	21 58	1 47	8 19	0 24	24 35	0 54	16 38	1 6	23 6	0 31	19 50	0 6	18 53	1 26	10 55	8 4	1 55	2 18	9 35		n.a.
M29	20 27	25 24	4 38	21 31	1 46	7 49	0 21	24 34	0 54	16 35	1 6	23 5	0 32	19 50	0 6	18 53	1 26	10 55	8 4	1 50	2 17	9 32		n.a.
T 30	20 14	21 56	4 7	21 2	1 44	7 19	0 17	24 33	0 55	16 31	1 6	23 4	0 32	19 51	0 6	18 53	1 26	10 55	8 4	1 46	2 16	9 29		n.a.
W31	20n 1	17n35	3n25	20n31	1n42	6n49	0n13	24n32	0n55	16n27	1n 6	23n 3	0n32	19n51	0s 6	18s53	1n26	10n55	8s 5	1n42	2n14	9n25		n.a.

Julian Day Number = 1603993.5, Delta T = 03h57m24s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'38, Lahiri = - 8°23'38 Julian Calendar 1 July 322 BCE == Greg. Calendar 26 June 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

AUGUST 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 17 46	2♌41'24	3♍52	8♌22	14♍32	6♋28	18♌57	17♋59	27♉59	29°R24	22♉57	4°R 6	5♈31	11♍18	n.a.	T 1
F 2	20 21 43	3°39'33	15°40	10°13	15°41	7° 6	19°10	18° 7	28° 1	29♏24	22°57	4♈ 2	5°28	11°25	n.a.	F 2
S 3	20 25 39	4°37'44	27°27	12° 2	16°49	7°44	19°22	18°14	28° 3	29°23	22°58	4° 0	5°25	11°32	n.a.	S 3
S 4	20 29 36	5°35'56	9♎15	13°51	17°58	8°22	19°35	18°21	28° 5	29°23	22°59	4°D 0	5°22	11°38	n.a.	S 4
M 5	20 33 32	6°34'09	21°10	15°38	19° 7	9° 0	19°48	18°29	28° 6	29°23	22°59	4° 1	5°19	11°45	n.a.	M 5
T 6	20 37 29	7°32'25	3♏17	17°24	20°15	9°38	20° 1	18°36	28° 8	29°22	23° 0	4°R 2	5°15	11°52	n.a.	T 6
W 7	20 41 25	8°30'42	15°42	19° 9	21°24	10°16	20°14	18°44	28°10	29°22	23° 0	4° 2	5°12	11°58	n.a.	W 7
T 8	20 45 22	9°29'00	28°28	20°52	22°32	10°54	20°27	18°51	28°11	29°22	23° 1	4° 0	5° 9	12° 5	n.a.	T 8
F 9	20 49 18	10°27'21	11♐41	22°35	23°40	11°32	20°39	18°58	28°13	29°21	23° 1	3°56	5° 6	12°12	n.a.	F 9
S 10	20 53 15	11°25'43	25°22	24°16	24°48	12° 9	20°52	19° 6	28°15	29°21	23° 1	3°50	5° 3	12°18	n.a.	S 10
S 11	20 57 12	12°24'07	9♑32	25°56	25°56	12°47	21° 5	19°13	28°16	29°21	23° 2	3°43	5° 0	12°25	n.a.	S 11
M12	21 1 8	13°22'33	24° 8	27°35	27° 4	13°25	21°18	19°20	28°18	29°21	23° 2	3°35	4°56	12°32	n.a.	M12
T 13	21 5 5	14°21'00	9♒ 3	29°13	28°12	14° 3	21°31	19°27	28°19	29°21	23° 3	3°27	4°53	12°38	n.a.	T 13
W14	21 9 1	15°19'29	24° 9	0♍50	29°19	14°40	21°44	19°35	28°20	29°21	23° 3	3°21	4°50	12°45	n.a.	W14
T 15	21 12 58	16°18'01	9♓16	2°26	0♎27	15°18	21°57	19°42	28°22	29°20	23° 3	3°17	4°47	12°51	n.a.	T 15
F 16	21 16 54	17°16'34	24°15	4° 1	1°34	15°56	22°10	19°49	28°23	29°20	23° 4	3°15	4°44	12°58	n.a.	F 16
S 17	21 20 51	18°15'10	8♈58	5°34	2°41	16°33	22°23	19°56	28°24	29°D20	23° 4	3°D15	4°41	13° 5	n.a.	S 17
S 18	21 24 47	19°13'48	23°21	7° 7	3°48	17°11	22°36	20° 3	28°25	29°20	23° 4	3°16	4°37	13°11	n.a.	S 18
M19	21 28 44	20°12'29	7♉22	8°38	4°55	17°48	22°49	20°10	28°27	29°21	23° 4	3°17	4°34	13°18	n.a.	M19
T 20	21 32 40	21°11'11	21° 0	10° 9	6° 2	18°26	23° 2	20°17	28°28	29°21	23° 5	3°R18	4°31	13°25	n.a.	T 20
W21	21 36 37	22° 9'57	4♊17	11°38	7° 8	19° 3	23°15	20°24	28°29	29°21	23° 5	3°17	4°28	13°31	n.a.	W21
T 22	21 40 34	23° 8'44	17°15	13° 7	8°15	19°41	23°28	20°31	28°30	29°21	23° 5	3°14	4°25	13°38	n.a.	T 22
F 23	21 44 30	24° 7'35	29°57	14°34	9°21	20°18	23°41	20°38	28°31	29°21	23° 5	3°10	4°21	13°45	n.a.	F 23
S 24	21 48 27	25° 6'27	12♋26	16° 0	10°27	20°56	23°54	20°45	28°31	29°21	23° 5	3° 4	4°18	13°51	n.a.	S 24
S 25	21 52 23	26° 5'22	24°43	17°26	11°33	21°33	24° 7	20°51	28°32	29°22	23° 5	2°58	4°15	13°58	n.a.	S 25
M26	21 56 20	27° 4'19	6♌50	18°50	12°39	22°11	24°20	20°58	28°33	29°22	23° 5	2°51	4°12	14° 5	n.a.	M26
T 27	22 0 16	28° 3'18	18°50	20°13	13°44	22°48	24°34	21° 5	28°34	29°22	23° 5	2°45	4° 9	14°11	n.a.	T 27
W28	22 4 13	29° 2'19	0♍43	21°34	14°50	23°25	24°47	21°11	28°34	29°23	23° 5	2°40	4° 6	14°18	n.a.	W28
T 29	22 8 9	0♍ 1'22	12°32	22°55	15°55	24° 3	25° 0	21°18	28°35	29°23	23°R 5	2°36	4° 2	14°25	n.a.	T 29
F 30	22 12 6	1° 0'27	24°19	24°14	17° 0	24°40	25°13	21°24	28°36	29°23	23° 5	2°34	3°59	14°31	n.a.	F 30
S 31	22 16 3	1♍59'35	6♎ 6	25♍32	18♎ 5	25♋17	25♌26	21♋31	28♉36	29♏24	23♉ 5	2°D34	3♈56	14♍38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	19n48	12n36	2n34	19n59	1n39	6n19	0n 9	24n30	0n56	16n23	1n 6	23n 2	0n32	19n52	0s 6	18s53	1n26	10n55	8s 5	1n39		2n13		9n22			n.a.
F 2	19 35	7 12	1 37	19 26	1 36	5 48	0 6	24 29	0 56	16 18	1 6	23 1	0 32	19 52	0 6	18 53	1 26	10 55	8 5	1 37		2 12		9 19			n.a.
S 3	19 21	1 34	0 35	18 52	1 32	5 17	0 2	24 27	0 57	16 14	1 6	23 0	0 32	19 53	0 6	18 53	1 26	10 55	8 5	1 37		2 11		9 15			n.a.
S 4	19 6	4s 8	0s28	18 17	1 28	4 46	0s 3	24 25	0 57	16 10	1 6	22 59	0 32	19 53	0 6	18 53	1 26	10 55	8 5	1 37		2 9		9 12			n.a.
M 5	18 52	9 46	1 31	17 41	1 24	4 16	0 7	24 23	0 58	16 6	1 6	22 58	0 32	19 53	0 6	18 53	1 26	10 55	8 5	1 37		2 8		9 9			n.a.
T 6	18 37	15 7	2 31	17 4	1 19	3 45	0 11	24 21	0 58	16 2	1 6	22 58	0 32	19 54	0 6	18 53	1 25	10 55	8 5	1 37		2 7		9 5			n.a.
W 7	18 22	20 0	3 25	16 26	1 14	3 13	0 15	24 19	0 59	15 58	1 6	22 57	0 32	19 54	0 6	18 52	1 25	10 55	8 5	1 37		2 6		9 2			n.a.
T 8	18 6	24 8	4 10	15 48	1 9	2 42	0 19	24 16	0 59	15 54	1 6	22 56	0 33	19 55	0 6	18 52	1 25	10 55	8 6	1 36		2 4		8 59			n.a.
F 9	17 50	27 10	4 44	15 9	1 3	2 11	0 24	24 13	1 0	15 50	1 6	22 55	0 33	19 55	0 6	18 52	1 25	10 55	8 6	1 35		2 3		8 55			n.a.
S 10	17 34	28 43	5 4	14 30	0 57	1 40	0 28	24 10	1 0	15 46	1 6	22 54	0 33	19 55	0 6	18 52	1 25	10 55	8 6	1 33		2 2		8 52			n.a.
S 11	17 18	28 28	5 5	13 50	0 51	1 8	0 32	24 7	1 1	15 41	1 6	22 53	0 33	19 56	0 6	18 52	1 25	10 55	8 6	1 30		2 0		8 49			n.a.
M12	17 1	26 16	4 48	13 10	0 45	0 37	0 37	24 4	1 1	15 37	1 6	22 52	0 33	19 56	0 6	18 53	1 25	10 55	8 6	1 26		1 59		8 45			n.a.
T 13	16 44	22 14	4 10	12 29	0 39	0 6	0 41	24 1	1 2	15 33	1 6	22 51	0 33	19 56	0 6	18 53	1 25	10 55	8 6	1 23		1 58		8 42			n.a.
W14	16 26	16 42	3 15	11 49	0 32	0s25	0 46	23 57	1 2	15 29	1 6	22 50	0 33	19 57	0 6	18 53	1 25	10 55	8 6	1 21		1 57		8 39			n.a.
T 15	16 9	10 8	2 6	11 8	0 25	0 57	0 50	23 53	1 3	15 24	1 6	22 49	0 33	19 57	0 6	18 53	1 25	10 55	8 6	1 19		1 55		8 35			n.a.
F 16	15 51	3 3	0 49	10 26	0 18	1 28	0 55	23 49	1 3	15 20	1 6	22 48	0 33	19 57	0 6	18 53	1 25	10 55	8 7	1 18		1 54		8 32			n.a.
S 17	15 33	4n 4	0n31	9 45	0 11	1 59	1 0	23 45	1 4	15 16	1 6	22 47	0 33	19 58	0 6	18 53	1 25	10 55	8 7	1 18		1 53		8 29			n.a.
S 18	15 14	10 50	1 47	9 4	0 4	2 31	1 4	23 41	1 4	15 12	1 6	22 46	0 34	19 58	0 6	18 53	1 25	10 55	8 7	1 19		1 52		8 25			n.a.
M19	14 56	16 53	2 54	8 22	0s 4	3 2	1 9	23 36	1 5	15 7	1 6	22 45	0 34	19 58	0 6	18 53	1 25	10 55	8 7	1 19		1 50		8 22			n.a.
T 20	14 37	21 55	3 50	7 41	0 11	3 33	1 14	23 31	1 5	15 3	1 6	22 44	0 34	19 58	0 6	18 53	1 25	10 55	8 7	1 20		1 49		8 19			n.a.
W21	14 18	25 43	4 32	7 0	0 19	4 4	1 18	23 27	1 6	14 59	1 6	22 44	0 34	19 59	0 6	18 53	1 25	10 55	8 7	1 19		1 48		8 15			n.a.
T 22	13 58	28 4	4 58	6 19	0 26	4 35	1 23	23 22	1 6	14 54	1 7	22 43	0 34	19 59	0 6	18 53	1 25	10 55	8 7	1 18		1 46		8 12			n.a.
F 23	13 39	28 54	5 10	5 38	0 34	5 6	1 28	23 16	1 6	14 50	1 7	22 42	0 34	19 59	0 6	18 53	1 25	10 54	8 8	1 16		1 45		8 8			n.a.
S 24	13 19	28 14	5 6	4 57	0 42	5 36	1 33	23 11	1 7	14 46	1 7	22 41	0 34	19 59	0 6	18 53	1 24	10 54	8 8	1 14		1 44		8 5			n.a.
S 25	12 59	26 11	4 49	4 16	0 49	6 7	1 38	23 6	1 7	14 41	1 7	22 40	0 34	19 59	0 6	18 53	1 24	10 54	8 8	1 12		1 43		8 2			n.a.
M26	12 38	22 57	4 18	3 36	0 57	6 37	1 42	23 0	1 8	14 37	1 7	22 39	0 35	20 0	0 6	18 53	1 24	10 54	8 8	1 9		1 41		7 58			n.a.
T 27	12 18	18 47	3 36	2 56	1 5	7 8	1 47	22 54	1 8	14 33	1 7	22 38	0 35	20 0	0 6	18 54	1 24	10 54	8 8	1 6		1 40		7 55			n.a.
W28	11 57	13 56	2 45	2 16	1 13	7 38	1 52	22 48	1 9	14 28	1 7	22 37	0 35	20 0	0 6	18 54	1 24	10 54	8 8	1 4		1 39		7 52			n.a.
T 29	11 36	8 35	1 47	1 37	1 20	8 8	1 57	22 42	1 9	14 24	1 7	22 36	0 35	20 0	0 6	18 54	1 24	10 54	8 8	1 3		1 38		7 48			n.a.
F 30	11 15	2 58	0 45	0 58	1 28	8 38	2 2	22 36	1 10	14 20	1 7	22 35	0 35	20 0	0 6	18 54	1 24	10 54	8 8	1 2		1 36		7 45			n.a.
S 31	10n54	2s45	0s19	0n20	1s36	9s 7	2s 7	22n30	1n10	14n15	1n 7	22n34	0n35	20n 0	0s 6	18s54	1n24	10n53	8s 9	1n 2		1n35		7n42			n.a.

Julian Day Number = 1604024.5, Delta T = 03h57m23s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'34, Lahiri = - 8°23'34 Julian Calendar 1 Aug. 322 BCE == Greg. Calendar 27 July 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

SEPTEMBER 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 19 59	2♍58'44	17♎56	26♍49	19♎ 9	25♋55	25♌39	21♋37	28♉37	29♏24	23°R 5	2♈35	3♈53	14♍45	n.a.	S 1
M 2	22 23 56	3°57'56	29°53	28° 4	20°14	26°32	25°52	21°44	28°37	29°25	23♉ 5	2°37	3°50	14°51	n.a.	M 2
T 3	22 27 52	4°57'09	12♏ 1	29°18	21°18	27° 9	26° 5	21°50	28°37	29°25	23° 5	2°38	3°47	14°58	n.a.	T 3
W 4	22 31 49	5°56'24	24°24	0♎30	22°22	27°46	26°17	21°56	28°38	29°26	23° 5	2°40	3°43	15° 5	n.a.	W 4
T 5	22 35 45	6°55'41	7♐ 7	1°40	23°26	28°23	26°30	22° 2	28°38	29°27	23° 5	2°R40	3°40	15°11	n.a.	T 5
F 6	22 39 42	7°55'01	20°14	2°48	24°29	29° 0	26°43	22° 9	28°38	29°27	23° 5	2°40	3°37	15°18	n.a.	F 6
S 7	22 43 38	8°54'22	3♑47	3°55	25°32	29°37	26°56	22°15	28°38	29°28	23° 4	2°38	3°34	15°25	n.a.	S 7
S 8	22 47 35	9°53'45	17°49	4°59	26°35	0♌14	27° 9	22°21	28°38	29°29	23° 4	2°35	3°31	15°31	n.a.	S 8
M 9	22 51 32	10°53'09	2♒18	6° 1	27°38	0°51	27°22	22°27	28°R38	29°29	23° 4	2°32	3°27	15°38	n.a.	M 9
T 10	22 55 28	11°52'36	17°10	7° 0	28°40	1°28	27°35	22°32	28°38	29°30	23° 4	2°30	3°24	15°44	n.a.	T 10
W11	22 59 25	12°52'05	2♓18	7°57	29°42	2° 5	27°48	22°38	28°38	29°31	23° 3	2°27	3°21	15°51	n.a.	W11
T 12	23 3 21	13°51'35	17°33	8°50	0♏44	2°42	28° 0	22°44	28°38	29°32	23° 3	2°26	3°18	15°58	n.a.	T 12
F 13	23 7 18	14°51'08	2♈44	9°40	1°45	3°19	28°13	22°50	28°38	29°33	23° 3	2°D25	3°15	16° 4	n.a.	F 13
S 14	23 11 14	15°50'43	17°44	10°26	2°46	3°56	28°26	22°55	28°38	29°34	23° 2	2°26	3°12	16°11	n.a.	S 14
S 15	23 15 11	16°50'20	2♉23	11° 9	3°47	4°33	28°39	23° 1	28°37	29°35	23° 2	2°27	3° 8	16°18	n.a.	S 15
M16	23 19 7	17°50'00	16°37	11°47	4°48	5°10	28°51	23° 6	28°37	29°36	23° 2	2°28	3° 5	16°24	n.a.	M16
T 17	23 23 4	18°49'42	0♊26	12°20	5°48	5°46	29° 4	23°12	28°37	29°37	23° 1	2°29	3° 2	16°31	n.a.	T 17
W18	23 27 0	19°49'26	13°48	12°47	6°47	6°23	29°17	23°17	28°36	29°38	23° 1	2°30	2°59	16°38	n.a.	W18
T 19	23 30 57	20°49'13	26°47	13° 9	7°47	7° 0	29°29	23°23	28°36	29°39	23° 0	2°R30	2°56	16°44	n.a.	T 19
F 20	23 34 54	21°49'03	9♋25	13°24	8°46	7°37	29°42	23°28	28°35	29°40	23° 0	2°29	2°52	16°51	n.a.	F 20
S 21	23 38 50	22°48'54	21°46	13°32	9°44	8°13	29°54	23°33	28°35	29°41	22°59	2°28	2°49	16°58	n.a.	S 21
S 22	23 42 47	23°48'48	3♌54	13°R33	10°42	8°50	0♍ 7	23°38	28°34	29°42	22°59	2°27	2°46	17° 4	n.a.	S 22
M23	23 46 43	24°48'44	15°52	13°26	11°40	9°26	0°19	23°43	28°33	29°43	22°58	2°26	2°43	17°11	n.a.	M23
T 24	23 50 40	25°48'42	27°44	13°10	12°37	10° 3	0°32	23°48	28°33	29°44	22°58	2°25	2°40	17°18	n.a.	T 24
W25	23 54 36	26°48'43	9♍33	12°45	13°34	10°40	0°44	23°53	28°32	29°46	22°57	2°24	2°37	17°24	n.a.	W25
T 26	23 58 33	27°48'45	21°20	12°11	14°30	11°16	0°56	23°57	28°31	29°47	22°57	2°24	2°33	17°31	n.a.	T 26
F 27	0 2 29	28°48'50	3♎ 9	11°28	15°26	11°53	1° 9	24° 2	28°30	29°48	22°56	2°D23	2°30	17°38	n.a.	F 27
S 28	0 6 26	29°48'56	15° 1	10°36	16°21	12°29	1°21	24° 7	28°29	29°50	22°55	2°24	2°27	17°44	n.a.	S 28
S 29	0 10 23	0♎49'04	26°58	9°35	17°16	13° 5	1°33	24°11	28°28	29°51	22°55	2°24	2°24	17°51	n.a.	S 29
M30	0 14 19	1♎49'14	9♏ 3	8♎28	18♏10	13♌42	1♍45	24♋15	28♉27	29♏52	22♉54	2♈24	2♈21	17♍57	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n32	8s24	1s23	0s18	1s43	9s37	2s12	22n23	1n11	14n11	1n 7	22n33	0n35	20n 0	0s 6	18s54	1n24	10n53	8s 9	1n 2	1n34	7n38		n.a.
M 2	10 11	13 49	2 25	0 55	1 51	10 6	2 17	22 16	1 11	14 6	1 7	22 32	0 35	20 0	0 6	18 55	1 24	10 53	8 9	1 3	1 32	7 35		n.a.
T 3	9 49	18 48	3 20	1 31	1 58	10 35	2 21	22 10	1 12	14 2	1 7	22 32	0 36	20 1	0 6	18 55	1 24	10 53	8 9	1 4	1 31	7 31		n.a.
W 4	9 27	23 6	4 8	2 7	2 5	11 4	2 26	22 3	1 12	13 58	1 7	22 31	0 36	20 1	0 6	18 55	1 24	10 53	8 9	1 4	1 30	7 28		n.a.
T 5	9 5	26 26	4 44	2 41	2 12	11 32	2 31	21 55	1 13	13 53	1 7	22 30	0 36	20 1	0 6	18 55	1 24	10 53	8 9	1 4	1 29	7 25		n.a.
F 6	8 42	28 29	5 8	3 15	2 19	12 1	2 36	21 48	1 13	13 49	1 7	22 29	0 36	20 1	0 6	18 55	1 24	10 52	8 9	1 4	1 27	7 21		n.a.
S 7	8 20	28 56	5 15	3 48	2 26	12 29	2 41	21 41	1 13	13 44	1 7	22 28	0 36	20 1	0 6	18 55	1 24	10 52	8 10	1 4	1 26	7 18		n.a.
S 8	7 57	27 33	5 4	4 20	2 32	12 56	2 45	21 33	1 14	13 40	1 8	22 27	0 36	20 1	0 6	18 56	1 24	10 52	8 10	1 3	1 25	7 15		n.a.
M 9	7 34	24 20	4 34	4 50	2 38	13 24	2 50	21 26	1 14	13 36	1 8	22 26	0 36	20 1	0 6	18 56	1 24	10 52	8 10	1 1	1 23	7 11		n.a.
T 10	7 12	19 27	3 45	5 19	2 44	13 51	2 55	21 18	1 15	13 31	1 8	22 25	0 36	20 1	0 6	18 56	1 24	10 52	8 10	1 0	1 22	7 8		n.a.
W11	6 49	13 15	2 39	5 47	2 50	14 18	2 59	21 10	1 15	13 27	1 8	22 25	0 37	20 1	0 6	18 56	1 23	10 52	8 10	0 59	1 21	7 4		n.a.
T 12	6 25	6 14	1 21	6 13	2 55	14 44	3 4	21 2	1 16	13 22	1 8	22 24	0 37	20 1	0 6	18 57	1 23	10 51	8 10	0 59	1 20	7 1		n.a.
F 13	6 2	1n 8	0n 2	6 37	3 0	15 10	3 9	20 53	1 16	13 18	1 8	22 23	0 37	20 1	0 6	18 57	1 23	10 51	8 10	0 59	1 18	6 58		n.a.
S 14	5 39	8 20	1 24	7 0	3 4	15 36	3 13	20 45	1 17	13 14	1 8	22 22	0 37	20 1	0 6	18 57	1 23	10 51	8 10	0 59	1 17	6 54		n.a.
S 15	5 16	14 55	2 38	7 20	3 8	16 2	3 18	20 37	1 17	13 9	1 8	22 21	0 37	20 1	0 6	18 57	1 23	10 51	8 11	0 59	1 16	6 51		n.a.
M16	4 52	20 32	3 41	7 38	3 11	16 27	3 22	20 28	1 18	13 5	1 8	22 21	0 37	20 1	0 6	18 58	1 23	10 51	8 11	1 0	1 15	6 47		n.a.
T 17	4 28	24 52	4 29	7 53	3 13	16 51	3 26	20 19	1 18	13 0	1 8	22 20	0 37	20 0	0 6	18 58	1 23	10 50	8 11	1 0	1 13	6 44		n.a.
W18	4 5	27 43	5 0	8 5	3 15	17 16	3 31	20 10	1 19	12 56	1 8	22 19	0 38	20 0	0 6	18 58	1 23	10 50	8 11	1 0	1 12	6 41		n.a.
T 19	3 41	28 57	5 16	8 15	3 15	17 39	3 35	20 2	1 19	12 52	1 8	22 18	0 38	20 0	0 6	18 58	1 23	10 50	8 11	1 0	1 11	6 37		n.a.
F 20	3 17	28 38	5 15	8 20	3 15	18 3	3 39	19 52	1 19	12 47	1 9	22 17	0 38	20 0	0 6	18 59	1 23	10 50	8 11	1 0	1 9	6 34		n.a.
S 21	2 53	26 53	4 59	8 22	3 14	18 26	3 43	19 43	1 20	12 43	1 9	22 17	0 38	20 0	0 6	18 59	1 23	10 49	8 11	1 0	1 8	6 30		n.a.
S 22	2 29	23 54	4 31	8 20	3 11	18 49	3 47	19 34	1 20	12 38	1 9	22 16	0 38	20 0	0 6	18 59	1 23	10 49	8 11	0 59	1 7	6 27		n.a.
M23	2 5	19 56	3 51	8 13	3 7	19 11	3 51	19 25	1 21	12 34	1 9	22 15	0 38	20 0	0 6	19 0	1 23	10 49	8 12	0 59	1 6	6 24		n.a.
T 24	1 41	15 14	3 1	8 2	3 1	19 32	3 55	19 15	1 21	12 30	1 9	22 15	0 38	20 0	0 6	19 0	1 23	10 49	8 12	0 58	1 4	6 20		n.a.
W25	1 17	9 59	2 4	7 46	2 54	19 54	3 59	19 5	1 22	12 25	1 9	22 14	0 39	19 59	0 5	19 0	1 23	10 48	8 12	0 58	1 3	6 17		n.a.
T 26	0 53	4 25	1 1	7 24	2 45	20 14	4 2	18 56	1 22	12 21	1 9	22 13	0 39	19 59	0 5	19 1	1 23	10 48	8 12	0 58	1 2	6 13		n.a.
F 27	0 29	1s20	0s 4	6 57	2 34	20 35	4 6	18 46	1 23	12 17	1 9	22 12	0 39	19 59	0 5	19 1	1 23	10 48	8 12	0 58	1 0	6 10		n.a.
S 28	0 4	7 3	1 10	6 25	2 22	20 55	4 10	18 36	1 23	12 12	1 9	22 12	0 39	19 59	0 5	19 1	1 23	10 48	8 12	0 58	0 59	6 7		n.a.
S 29	0s20	12 34	2 12	5 47	2 7	21 14	4 13	18 26	1 24	12 8	1 10	22 11	0 39	19 59	0 5	19 2	1 23	10 47	8 12	0 58	0 58	6 3		n.a.
M30	0s44	17s41	3s10	5s 6	1s51	21s33	4s16	18n16	1n24	12n 4	1n10	22n11	0n39	19n58	0s 5	19s 2	1n23	10n47	8s12	0n58	0n57	6n 0		n.a.

Julian Day Number = 1604055.5, Delta T = 03h57m21s
Ecliptic obliquity = 23°44'13, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'30, Lahiri = - 8°23'29 Julian Calendar 1 Sept. 322 BCE == Greg. Calendar 27 Aug. 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

OCTOBER 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 18 16	2♎49'26	21♏18	7°R15	19♏ 3	14♌18	1♍57	24♋20	28°R26	29♏54	22°R53	2°R24	2♈18	18♍ 4	n.a.	T 1
W 2	0 22 12	3°49'40	3♐47	5♎58	19°56	14°54	2° 9	24°24	28♉25	29°55	22♉53	2♈24	2°14	18°11	n.a.	W 2
T 3	0 26 9	4°49'56	16°32	4°40	20°49	15°31	2°21	24°28	28°24	29°57	22°52	2°24	2°11	18°17	n.a.	T 3
F 4	0 30 5	5°50'13	29°35	3°23	21°40	16° 7	2°33	24°32	28°22	29°58	22°51	2°D23	2° 8	18°24	n.a.	F 4
S 5	0 34 2	6°50'31	13♑ 1	2° 9	22°31	16°43	2°45	24°36	28°21	29°59	22°51	2°23	2° 5	18°31	n.a.	S 5
S 6	0 37 58	7°50'52	26°49	1° 1	23°21	17°19	2°57	24°40	28°20	0♐ 1	22°50	2°24	2° 2	18°37	n.a.	S 6
M 7	0 41 55	8°51'13	11♒ 2	0° 0	24°11	17°55	3° 9	24°44	28°18	0° 3	22°49	2°24	1°58	18°44	n.a.	M 7
T 8	0 45 52	9°51'36	25°37	29♍ 9	24°59	18°31	3°20	24°47	28°17	0° 4	22°48	2°25	1°55	18°51	n.a.	T 8
W 9	0 49 48	10°52'01	10♓29	28°29	25°47	19° 7	3°32	24°51	28°15	0° 6	22°47	2°25	1°52	18°57	n.a.	W 9
T 10	0 53 45	11°52'27	25°34	28° 0	26°34	19°43	3°44	24°55	28°14	0° 8	22°46	2°R26	1°49	19° 4	n.a.	T 10
F 11	0 57 41	12°52'55	10♈41	27°43	27°20	20°19	3°55	24°58	28°12	0° 9	22°46	2°26	1°46	19°11	n.a.	F 11
S 12	1 1 38	13°53'24	25°43	27°D38	28° 5	20°55	4° 7	25° 1	28°11	0°11	22°45	2°25	1°43	19°17	n.a.	S 12
S 13	1 5 34	14°53'56	10♉30	27°43	28°49	21°31	4°18	25° 4	28° 9	0°13	22°44	2°24	1°39	19°24	n.a.	S 13
M14	1 9 31	15°54'29	24°56	28° 0	29°32	22° 7	4°29	25° 8	28° 7	0°14	22°43	2°22	1°36	19°31	n.a.	M14
T 15	1 13 27	16°55'04	8♊55	28°26	0♐13	22°43	4°40	25°11	28° 6	0°16	22°42	2°20	1°33	19°37	n.a.	T 15
W16	1 17 24	17°55'41	22°27	29° 0	0°54	23°18	4°52	25°13	28° 4	0°18	22°41	2°19	1°30	19°44	n.a.	W16
T 17	1 21 21	18°56'20	5♋32	29°43	1°34	23°54	5° 3	25°16	28° 2	0°20	22°40	2°17	1°27	19°51	n.a.	T 17
F 18	1 25 17	19°57'00	18°13	0♎33	2°13	24°30	5°14	25°19	28° 0	0°21	22°39	2°D17	1°24	19°57	n.a.	F 18
S 19	1 29 14	20°57'43	0♌34	1°30	2°50	25° 5	5°25	25°22	27°58	0°23	22°38	2°17	1°20	20° 4	n.a.	S 19
S 20	1 33 10	21°58'27	12°40	2°31	3°26	25°41	5°35	25°24	27°57	0°25	22°37	2°18	1°17	20°10	n.a.	S 20
M21	1 37 7	22°59'13	24°35	3°38	4° 0	26°16	5°46	25°26	27°55	0°27	22°36	2°20	1°14	20°17	n.a.	M21
T 22	1 41 3	24° 0'00	6♍23	4°49	4°34	26°52	5°57	25°29	27°53	0°29	22°35	2°22	1°11	20°24	n.a.	T 22
W23	1 45 0	25° 0'49	18°10	6° 3	5° 6	27°27	6° 7	25°31	27°51	0°31	22°34	2°23	1° 8	20°30	n.a.	W23
T 24	1 48 56	26° 1'40	29°58	7°20	5°36	28° 3	6°18	25°33	27°49	0°33	22°33	2°R24	1° 4	20°37	n.a.	T 24
F 25	1 52 53	27° 2'32	11♎51	8°40	6° 5	28°38	6°28	25°35	27°46	0°35	22°32	2°23	1° 1	20°44	n.a.	F 25
S 26	1 56 49	28° 3'25	23°51	10° 2	6°32	29°13	6°39	25°37	27°44	0°37	22°31	2°22	0°58	20°50	n.a.	S 26
S 27	2 0 46	29° 4'20	6♏ 0	11°25	6°57	29°49	6°49	25°39	27°42	0°39	22°30	2°19	0°55	20°57	n.a.	S 27
M28	2 4 43	0♏ 5'16	18°20	12°51	7°21	0♍24	6°59	25°40	27°40	0°41	22°29	2°14	0°52	21° 4	n.a.	M28
T 29	2 8 39	1° 6'13	0♐51	14°17	7°43	0°59	7° 9	25°42	27°38	0°43	22°28	2° 9	0°49	21°10	n.a.	T 29
W30	2 12 36	2° 7'11	13°35	15°45	8° 3	1°34	7°19	25°43	27°36	0°45	22°27	2° 4	0°45	21°17	n.a.	W30
T 31	2 16 32	3♏ 8'11	26♐31	17♎13	8♐20	2♍ 9	7♍29	25♋44	27♉33	0♐47	22♉26	1♈59	0♈42	21♍24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1s 8	22s10	4s 0	4s20	1s33	21s51	4s19	18n 5	1n24	12n 0	1n10	22n10	0n40	19n58	0s 5	19s 2	1n22	10n47	8s12	0n58	0n55	5n56		n.a.
W 2	1 32	25 44	4 39	3 32	1 14	22 9	4 22	17 55	1 25	11 55	1 10	22 9	0 40	19 58	0 5	19 3	1 22	10 47	8 12	0 58	0 54	5 53		n.a.
T 3	1 57	28 7	5 6	2 42	0 54	22 26	4 25	17 45	1 25	11 51	1 10	22 9	0 40	19 58	0 5	19 3	1 22	10 46	8 13	0 58	0 53	5 49		n.a.
F 4	2 21	29 2	5 17	1 52	0 33	22 42	4 28	17 34	1 26	11 47	1 10	22 8	0 40	19 57	0 5	19 3	1 22	10 46	8 13	0 58	0 52	5 46		n.a.
S 5	2 45	28 16	5 12	1 3	0 12	22 59	4 30	17 23	1 26	11 43	1 10	22 8	0 40	19 57	0 5	19 4	1 22	10 46	8 13	0 58	0 50	5 43		n.a.
S 6	3 9	25 47	4 49	0 17	0n 8	23 14	4 33	17 13	1 27	11 39	1 11	22 7	0 40	19 57	0 5	19 4	1 22	10 46	8 13	0 58	0 49	5 39		n.a.
M 7	3 33	21 39	4 9	0n25	0 27	23 29	4 35	17 2	1 27	11 34	1 11	22 7	0 40	19 56	0 5	19 4	1 22	10 45	8 13	0 58	0 48	5 36		n.a.
T 8	3 57	16 8	3 11	1 2	0 46	23 43	4 37	16 51	1 28	11 30	1 11	22 6	0 41	19 56	0 5	19 5	1 22	10 45	8 13	0 58	0 46	5 32		n.a.
W 9	4 21	9 33	1 59	1 34	1 3	23 57	4 39	16 40	1 28	11 26	1 11	22 6	0 41	19 56	0 5	19 5	1 22	10 45	8 13	0 59	0 45	5 29		n.a.
T 10	4 45	2 22	0 38	2 0	1 18	24 10	4 41	16 29	1 29	11 22	1 11	22 5	0 41	19 55	0 5	19 6	1 22	10 44	8 13	0 59	0 44	5 25		n.a.
F 11	5 9	4n59	0n46	2 19	1 31	24 23	4 42	16 18	1 29	11 18	1 11	22 5	0 41	19 55	0 5	19 6	1 22	10 44	8 13	0 59	0 43	5 22		n.a.
S 12	5 33	12 0	2 6	2 32	1 43	24 35	4 44	16 7	1 30	11 14	1 11	22 4	0 41	19 55	0 5	19 6	1 22	10 44	8 13	0 58	0 41	5 19		n.a.
S 13	5 56	18 15	3 16	2 39	1 53	24 46	4 45	15 55	1 30	11 10	1 12	22 4	0 41	19 54	0 5	19 7	1 22	10 44	8 13	0 58	0 40	5 15		n.a.
M14	6 20	23 18	4 12	2 39	2 1	24 57	4 46	15 44	1 30	11 6	1 12	22 3	0 42	19 54	0 5	19 7	1 22	10 43	8 13	0 57	0 39	5 12		n.a.
T 15	6 44	26 51	4 51	2 35	2 8	25 7	4 46	15 33	1 31	11 2	1 12	22 3	0 42	19 54	0 5	19 8	1 22	10 43	8 13	0 57	0 37	5 8		n.a.
W16	7 7	28 42	5 12	2 25	2 13	25 16	4 47	15 21	1 31	10 58	1 12	22 3	0 42	19 53	0 5	19 8	1 22	10 43	8 14	0 56	0 36	5 5		n.a.
T 17	7 30	28 53	5 16	2 11	2 16	25 25	4 47	15 10	1 32	10 54	1 12	22 2	0 42	19 53	0 5	19 8	1 22	10 42	8 14	0 55	0 35	5 1		n.a.
F 18	7 54	27 30	5 4	1 53	2 19	25 33	4 47	14 58	1 32	10 50	1 12	22 2	0 42	19 52	0 5	19 9	1 22	10 42	8 14	0 55	0 34	4 58		n.a.
S 19	8 17	24 49	4 39	1 32	2 20	25 40	4 47	14 46	1 33	10 46	1 13	22 2	0 42	19 52	0 5	19 9	1 22	10 42	8 14	0 55	0 32	4 54		n.a.
S 20	8 40	21 4	4 1	1 7	2 20	25 47	4 46	14 35	1 33	10 42	1 13	22 1	0 43	19 52	0 5	19 10	1 22	10 42	8 14	0 56	0 31	4 51		n.a.
M21	9 3	16 32	3 14	0 39	2 19	25 53	4 45	14 23	1 34	10 38	1 13	22 1	0 43	19 51	0 5	19 10	1 22	10 41	8 14	0 56	0 30	4 48		n.a.
T 22	9 25	11 25	2 19	0 10	2 17	25 58	4 44	14 11	1 34	10 34	1 13	22 1	0 43	19 51	0 5	19 11	1 22	10 41	8 14	0 57	0 29	4 44		n.a.
W23	9 48	5 56	1 18	0s22	2 15	26 3	4 43	13 59	1 35	10 31	1 13	22 0	0 43	19 50	0 5	19 11	1 22	10 41	8 14	0 58	0 27	4 41		n.a.
T 24	10 10	0 13	0 13	0 56	2 12	26 7	4 41	13 47	1 35	10 27	1 13	22 0	0 43	19 50	0 5	19 11	1 22	10 40	8 14	0 58	0 26	4 37		n.a.
F 25	10 33	5s32	0s52	1 31	2 8	26 10	4 39	13 35	1 35	10 23	1 14	22 0	0 43	19 49	0 5	19 12	1 21	10 40	8 14	0 58	0 25	4 34		n.a.
S 26	10 55	11 9	1 55	2 8	2 4	26 12	4 37	13 23	1 36	10 19	1 14	22 0	0 44	19 49	0 5	19 12	1 21	10 40	8 14	0 57	0 23	4 30		n.a.
S 27	11 17	16 25	2 54	2 45	1 59	26 14	4 34	13 11	1 36	10 16	1 14	22 0	0 44	19 48	0 5	19 13	1 21	10 40	8 14	0 56	0 22	4 27		n.a.
M28	11 39	21 7	3 46	3 23	1 54	26 15	4 31	12 59	1 37	10 12	1 14	22 0	0 44	19 48	0 5	19 13	1 21	10 39	8 14	0 54	0 21	4 23		n.a.
T 29	12 0	24 56	4 27	4 2	1 49	26 15	4 27	12 46	1 37	10 9	1 14	21 59	0 44	19 47	0 5	19 14	1 21	10 39	8 14	0 52	0 20	4 20		n.a.
W30	12 22	27 37	4 57	4 41	1 43	26 15	4 23	12 34	1 38	10 5	1 15	21 59	0 44	19 47	0 5	19 14	1 21	10 39	8 14	0 50	0 18	4 17		n.a.
T 31	12s43	28s52	5s11	5s21	1n37	26s14	4s19	12n22	1n38	10n 1	1n15	21n59	0n45	19n46	0s 5	19s15	1n21	10n38	8s14	0n48	0n17	4n13		n.a.

Julian Day Number = 1604085.5, Delta T = 03h57m20s
Ecliptic obliquity = 23°44'13, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'26, Lahiri = - 8°23'25 Julian Calendar 1 Oct. 322 BCE == Greg. Calendar 26 Sept. 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

NOVEMBER 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 20 29	4♏ 9'11	9♉42	18♎43	8♐36	2♍44	7♍39	25♋46	27°R31	0♐49	22°R25	1°R56	0♈39	21♍30	n.a.	F 1
S 2	2 24 25	5°10'12	23° 8	20°13	8°50	3°19	7°48	25°47	27♉29	0°51	22♉23	1♈53	0°36	21°37	n.a.	S 2
S 3	2 28 22	6°11'14	6♒49	21°43	9° 2	3°54	7°58	25°48	27°26	0°53	22°22	1°D53	0°33	21°44	n.a.	S 3
M 4	2 32 19	7°12'16	20°47	23°14	9°11	4°28	8° 7	25°49	27°24	0°55	22°21	1°53	0°30	21°50	n.a.	M 4
T 5	2 36 15	8°13'19	5♓ 2	24°46	9°19	5° 3	8°16	25°49	27°22	0°57	22°20	1°55	0°26	21°57	n.a.	T 5
W 6	2 40 12	9°14'23	19°31	26°17	9°23	5°38	8°26	25°50	27°19	0°59	22°19	1°56	0°23	22° 3	n.a.	W 6
T 7	2 44 8	10°15'27	4♈11	27°49	9°R26	6°12	8°35	25°51	27°17	1° 2	22°18	1°R57	0°20	22°10	n.a.	T 7
F 8	2 48 5	11°16'32	18°58	29°21	9°26	6°47	8°44	25°51	27°14	1° 4	22°17	1°56	0°17	22°17	n.a.	F 8
S 9	2 52 1	12°17'38	3♉44	0♏54	9°23	7°21	8°53	25°51	27°12	1° 6	22°15	1°52	0°14	22°23	n.a.	S 9
S 10	2 55 58	13°18'44	18°22	2°26	9°18	7°56	9° 1	25°52	27°10	1° 8	22°14	1°47	0°10	22°30	n.a.	S 10
M11	2 59 54	14°19'52	2♊45	3°59	9°11	8°30	9°10	25°R52	27° 7	1°10	22°13	1°40	0° 7	22°37	n.a.	M11
T 12	3 3 51	15°21'00	16°46	5°32	9° 1	9° 5	9°18	25°52	27° 5	1°12	22°12	1°33	0° 4	22°43	n.a.	T 12
W13	3 7 48	16°22'09	0♋23	7° 4	8°48	9°39	9°27	25°51	27° 2	1°15	22°11	1°26	0° 1	22°50	n.a.	W13
T 14	3 11 44	17°23'19	13°34	8°37	8°33	10°13	9°35	25°51	27° 0	1°17	22°10	1°19	29♓58	22°57	n.a.	T 14
F 15	3 15 41	18°24'30	26°21	10°11	8°16	10°47	9°43	25°51	26°57	1°19	22° 8	1°15	29°55	23° 3	n.a.	F 15
S 16	3 19 37	19°25'42	8♌45	11°44	7°56	11°21	9°51	25°50	26°55	1°21	22° 7	1°12	29°51	23°10	n.a.	S 16
S 17	3 23 34	20°26'54	20°52	13°17	7°34	11°55	9°59	25°50	26°52	1°24	22° 6	1°D11	29°48	23°17	n.a.	S 17
M18	3 27 30	21°28'07	2♍47	14°51	7°10	12°29	10° 7	25°49	26°49	1°26	22° 5	1°12	29°45	23°23	n.a.	M18
T 19	3 31 27	22°29'21	14°36	16°25	6°44	13° 3	10°14	25°48	26°47	1°28	22° 4	1°13	29°42	23°30	n.a.	T 19
W20	3 35 23	23°30'35	26°22	17°58	6°16	13°36	10°22	25°47	26°44	1°30	22° 3	1°R14	29°39	23°37	n.a.	W20
T 21	3 39 20	24°31'50	8♎12	19°32	5°46	14°10	10°29	25°46	26°42	1°33	22° 1	1°14	29°35	23°43	n.a.	T 21
F 22	3 43 17	25°33'06	20°10	21° 7	5°14	14°44	10°36	25°45	26°39	1°35	22° 0	1°12	29°32	23°50	n.a.	F 22
S 23	3 47 13	26°34'22	2♏19	22°41	4°41	15°17	10°43	25°44	26°37	1°37	21°59	1° 7	29°29	23°56	n.a.	S 23
S 24	3 51 10	27°35'39	14°41	24°16	4° 7	15°50	10°50	25°43	26°34	1°39	21°58	1° 0	29°26	24° 3	n.a.	S 24
M25	3 55 6	28°36'56	27°18	25°51	3°32	16°24	10°57	25°41	26°31	1°42	21°57	0°51	29°23	24°10	n.a.	M25
T 26	3 59 3	29°38'13	10♐10	27°26	2°56	16°57	11° 4	25°40	26°29	1°44	21°55	0°40	29°20	24°16	n.a.	T 26
W27	4 2 59	0♐39'30	23°16	29° 1	2°20	17°30	11°10	25°38	26°26	1°46	21°54	0°29	29°16	24°23	n.a.	W27
T 28	4 6 56	1°40'47	6♉35	0♐37	1°44	18° 3	11°17	25°36	26°24	1°48	21°53	0°18	29°13	24°30	n.a.	T 28
F 29	4 10 53	2°42'04	20° 5	2°13	1° 7	18°36	11°23	25°34	26°21	1°51	21°52	0° 9	29°10	24°36	n.a.	F 29
S 30	4 14 49	3♐43'21	3♒44	3♐49	0♐31	19♍ 9	11♍29	25♋32	26♉19	1♐53	21♉51	0♈ 3	29♓ 7	24♍43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s 4	28s31	5s10	6s 1	1n31	26s11	4s14	12n 9	1n39	9n58	1n15	21n59	0n45	19n46	0s 5	19s15	1n21	10n38	8s14	0n47	0n16	4n10		n.a.
S 2	13 24	26 31	4 51	6 41	1 25	26 9	4 9	11 57	1 39	9 55	1 15	21 59	0 45	19 45	0 5	19 15	1 21	10 38	8 14	0 46	0 14	4 6		n.a.
S 3	13 45	22 56	4 16	7 22	1 18	26 5	4 3	11 45	1 40	9 51	1 15	21 59	0 45	19 45	0 5	19 16	1 21	10 37	8 14	0 45	0 13	4 3		n.a.
M 4	14 5	17 59	3 26	8 2	1 12	26 0	3 57	11 32	1 40	9 48	1 16	21 59	0 45	19 44	0 5	19 16	1 21	10 37	8 14	0 46	0 12	3 59		n.a.
T 5	14 25	11 58	2 22	8 42	1 5	25 55	3 50	11 20	1 41	9 44	1 16	21 59	0 45	19 44	0 5	19 17	1 21	10 37	8 14	0 46	0 11	3 56		n.a.
W 6	14 45	5 14	1 7	9 22	0 58	25 48	3 43	11 7	1 41	9 41	1 16	21 59	0 46	19 43	0 5	19 17	1 21	10 37	8 14	0 47	0 9	3 52		n.a.
T 7	15 5	1n52	0n12	10 2	0 51	25 41	3 35	10 55	1 41	9 38	1 16	21 59	0 46	19 43	0 5	19 18	1 21	10 36	8 14	0 47	0 8	3 49		n.a.
F 8	15 24	8 55	1 31	10 41	0 44	25 33	3 27	10 42	1 42	9 35	1 17	21 59	0 46	19 42	0 5	19 18	1 21	10 36	8 14	0 46	0 7	3 45		n.a.
S 9	15 43	15 29	2 44	11 21	0 38	25 24	3 18	10 30	1 42	9 31	1 17	22 0	0 46	19 42	0 5	19 19	1 21	10 36	8 14	0 45	0 5	3 42		n.a.
S 10	16 2	21 6	3 45	11 59	0 31	25 14	3 9	10 17	1 43	9 28	1 17	22 0	0 46	19 41	0 5	19 19	1 21	10 36	8 14	0 43	0 4	3 39		n.a.
M11	16 20	25 23	4 31	12 38	0 24	25 3	2 59	10 4	1 43	9 25	1 17	22 0	0 46	19 40	0 5	19 20	1 21	10 35	8 14	0 40	0 3	3 35		n.a.
T 12	16 38	28 1	4 59	13 16	0 17	24 51	2 49	9 52	1 44	9 22	1 17	22 0	0 47	19 40	0 5	19 20	1 21	10 35	8 14	0 37	0 2	3 32		n.a.
W13	16 56	28 53	5 9	13 53	0 10	24 39	2 38	9 39	1 44	9 19	1 18	22 0	0 47	19 39	0 5	19 21	1 21	10 35	8 14	0 34	0 0	3 28		n.a.
T 14	17 14	28 2	5 2	14 30	0 3	24 25	2 27	9 27	1 45	9 16	1 18	22 0	0 47	19 39	0 5	19 21	1 21	10 34	8 14	0 32	0s 1	3 25		n.a.
F 15	17 31	25 43	4 40	15 6	0s 3	24 10	2 15	9 14	1 45	9 13	1 18	22 1	0 47	19 38	0 5	19 22	1 21	10 34	8 14	0 30	0 2	3 21		n.a.
S 16	17 48	22 14	4 5	15 42	0 10	23 55	2 2	9 1	1 46	9 11	1 18	22 1	0 47	19 38	0 5	19 22	1 21	10 34	8 14	0 29	0 3	3 18		n.a.
S 17	18 5	17 52	3 20	16 17	0 17	23 38	1 49	8 48	1 46	9 8	1 19	22 1	0 48	19 37	0 5	19 23	1 21	10 34	8 14	0 29	0 5	3 14		n.a.
M18	18 21	12 54	2 27	16 52	0 23	23 21	1 36	8 36	1 47	9 5	1 19	22 2	0 48	19 36	0 5	19 23	1 21	10 33	8 14	0 29	0 6	3 11		n.a.
T 19	18 37	7 30	1 29	17 25	0 30	23 3	1 22	8 23	1 47	9 2	1 19	22 2	0 48	19 36	0 5	19 23	1 21	10 33	8 14	0 29	0 7	3 7		n.a.
W20	18 53	1 52	0 26	17 58	0 36	22 44	1 8	8 10	1 47	9 0	1 19	22 2	0 48	19 35	0 5	19 24	1 21	10 33	8 14	0 30	0 9	3 4		n.a.
T 21	19 8	3s52	0s37	18 31	0 42	22 24	0 53	7 58	1 48	8 57	1 20	22 3	0 48	19 35	0 5	19 24	1 21	10 33	8 14	0 30	0 10	3 0		n.a.
F 22	19 23	9 31	1 40	19 2	0 48	22 4	0 38	7 45	1 48	8 55	1 20	22 3	0 48	19 34	0 5	19 25	1 21	10 32	8 14	0 29	0 11	2 57		n.a.
S 23	19 38	14 54	2 39	19 33	0 54	21 43	0 23	7 32	1 49	8 52	1 20	22 3	0 49	19 33	0 5	19 25	1 21	10 32	8 14	0 27	0 12	2 54		n.a.
S 24	19 52	19 48	3 31	20 2	1 0	21 22	0 8	7 20	1 49	8 50	1 20	22 4	0 49	19 33	0 5	19 26	1 21	10 32	8 14	0 24	0 14	2 50		n.a.
M25	20 6	23 55	4 14	20 31	1 6	21 0	0n 8	7 7	1 50	8 47	1 21	22 4	0 49	19 32	0 5	19 26	1 21	10 32	8 14	0 20	0 15	2 47		n.a.
T 26	20 19	26 57	4 45	20 59	1 11	20 37	0 23	6 54	1 50	8 45	1 21	22 5	0 49	19 32	0 5	19 27	1 21	10 32	8 13	0 16	0 16	2 43		n.a.
W27	20 33	28 35	5 1	21 26	1 16	20 15	0 39	6 42	1 51	8 43	1 21	22 5	0 49	19 31	0 5	19 27	1 21	10 31	8 13	0 12	0 18	2 40		n.a.
T 28	20 45	28 36	5 2	21 51	1 21	19 52	0 55	6 29	1 51	8 41	1 21	22 6	0 50	19 30	0 5	19 28	1 21	10 31	8 13	0 7	0 19	2 36		n.a.
F 29	20 58	26 55	4 46	22 16	1 26	19 30	1 10	6 16	1 52	8 38	1 22	22 6	0 50	19 30	0 5	19 28	1 21	10 31	8 13	0 4	0 20	2 33		n.a.
S 30	21s 9	23s39	4s13	22s40	1s31	19s 7	1n25	6n 4	1n52	8n36	1n22	22n 7	0n50	19n29	0s 5	19s29	1n21	10n31	8s13	0n 1	0s21	2n29		n.a.

Julian Day Number = 1604116.5, Delta T = 03h57m19s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'22, Lahiri = - 8°23'21 Julian Calendar 1 Nov. 322 BCE == Greg. Calendar 27 Oct. 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 322 BCE
geocentric

DECEMBER 322 BCE (-321) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 18 46	4♐44'38	17♒32	5♐25	29°R55	19♍42	11♍35	25°R30	26°R16	1♐55	21°R50	29°R59	29♓ 4	24♍50	n.a.	S 1
M 2	4 22 42	5°45'54	1♓28	7° 2	29♏20	20°14	11°40	25♋28	26♉14	1°58	21♉48	29°D58	29° 1	24°56	n.a.	M 2
T 3	4 26 39	6°47'09	15°30	8°39	28°46	20°47	11°46	25°26	26°11	2° 0	21°47	29♓58	28°57	25° 3	n.a.	T 3
W 4	4 30 35	7°48'25	29°40	10°17	28°13	21°19	11°51	25°23	26° 9	2° 2	21°46	29°R58	28°54	25°10	n.a.	W 4
T 5	4 34 32	8°49'39	13♈56	11°55	27°42	21°52	11°57	25°21	26° 6	2° 4	21°45	29°58	28°51	25°16	n.a.	T 5
F 6	4 38 28	9°50'54	28°15	13°33	27°12	22°24	12° 2	25°18	26° 4	2° 7	21°44	29°55	28°48	25°23	n.a.	F 6
S 7	4 42 25	10°52'07	12♉34	15°12	26°44	22°56	12° 6	25°16	26° 1	2° 9	21°43	29°49	28°45	25°30	n.a.	S 7
S 8	4 46 22	11°53'21	26°48	16°51	26°18	23°28	12°11	25°13	25°59	2°11	21°42	29°40	28°41	25°36	n.a.	S 8
M 9	4 50 18	12°54'34	10♊52	18°30	25°54	24° 0	12°16	25°10	25°56	2°13	21°41	29°29	28°38	25°43	n.a.	M 9
T 10	4 54 15	13°55'47	24°41	20°10	25°33	24°32	12°20	25° 7	25°54	2°16	21°40	29°17	28°35	25°49	n.a.	T 10
W11	4 58 11	14°56'59	8♋11	21°50	25°13	25° 4	12°24	25° 4	25°51	2°18	21°38	29° 4	28°32	25°56	n.a.	W11
T 12	5 2 8	15°58'11	21°19	23°30	24°56	25°35	12°28	25° 1	25°49	2°20	21°37	28°53	28°29	26° 3	n.a.	T 12
F 13	5 6 4	16°59'23	4♌ 6	25°11	24°42	26° 7	12°32	24°58	25°47	2°22	21°36	28°44	28°26	26° 9	n.a.	F 13
S 14	5 10 1	18° 0'34	16°31	26°52	24°30	26°38	12°36	24°54	25°44	2°24	21°35	28°37	28°22	26°16	n.a.	S 14
S 15	5 13 58	19° 1'45	28°40	28°33	24°20	27° 9	12°40	24°51	25°42	2°27	21°34	28°33	28°19	26°23	n.a.	S 15
M16	5 17 54	20° 2'55	10♍37	0♎14	24°13	27°40	12°43	24°47	25°40	2°29	21°33	28°32	28°16	26°29	n.a.	M16
T 17	5 21 51	21° 4'05	22°26	1°55	24° 9	28°11	12°46	24°44	25°37	2°31	21°32	28°31	28°13	26°36	n.a.	T 17
W18	5 25 47	22° 5'15	4♏13	3°36	24°D 7	28°42	12°49	24°40	25°35	2°33	21°31	28°31	28°10	26°43	n.a.	W18
T 19	5 29 44	23° 6'24	16° 4	5°16	24° 8	29°13	12°52	24°36	25°33	2°35	21°30	28°30	28° 7	26°49	n.a.	T 19
F 20	5 33 40	24° 7'33	28° 5	6°57	24°10	29°44	12°55	24°33	25°31	2°38	21°29	28°28	28° 3	26°56	n.a.	F 20
S 21	5 37 37	25° 8'41	10♏19	8°37	24°16	0♏14	12°57	24°29	25°29	2°40	21°28	28°22	28° 0	27° 3	n.a.	S 21
S 22	5 41 33	26° 9'49	22°51	10°16	24°23	0°44	12°59	24°25	25°27	2°42	21°27	28°13	27°57	27° 9	n.a.	S 22
M23	5 45 30	27°10'55	5♐41	11°54	24°33	1°14	13° 1	24°21	25°24	2°44	21°26	28° 2	27°54	27°16	n.a.	M23
T 24	5 49 27	28°12'02	18°52	13°30	24°45	1°44	13° 3	24°17	25°22	2°46	21°25	27°49	27°51	27°23	n.a.	T 24
W25	5 53 23	29°13'07	2♑21	15° 5	25° 0	2°14	13° 5	24°13	25°20	2°48	21°25	27°36	27°47	27°29	n.a.	W25
T 26	5 57 20	0♑14'11	16° 6	16°38	25°16	2°44	13° 7	24° 9	25°18	2°50	21°24	27°23	27°44	27°36	n.a.	T 26
F 27	6 1 16	1°15'14	0♒ 3	18° 8	25°34	3°14	13° 8	24° 4	25°16	2°52	21°23	27°12	27°41	27°42	n.a.	F 27
S 28	6 5 13	2°16'16	14° 7	19°35	25°55	3°43	13° 9	24° 0	25°15	2°54	21°22	27° 4	27°38	27°49	n.a.	S 28
S 29	6 9 9	3°17'17	28°14	20°59	26°17	4°12	13°10	23°56	25°13	2°56	21°21	26°59	27°35	27°56	n.a.	S 29
M30	6 13 6	4°18'16	12♓23	22°18	26°41	4°41	13°11	23°51	25°11	2°58	21°20	26°57	27°32	28° 2	n.a.	M30
T 31	6 17 2	5♑19'13	26♓29	23♑32	27♏ 7	5♏10	13♍11	23♋47	25♉ 9	3♐ 0	21♉19	26♓56	27♓28	28♍ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21s21	19s 2	3s26	23s 2	1s35	18s45	1n40	5n51	1n53	8n34	1n22	22n 7	0n50	19n29	0s 5	19s29	1n21	10n30	8s13	0s 0	0s23	2n26			n.a.
M 2	21 32	13 21	2 26	23 23	1 39	18 23	1 55	5 38	1 53	8 32	1 23	22 8	0 50	19 28	0 5	19 30	1 21	10 30	8 13	0 1	0 24	2 22			n.a.
T 3	21 43	6 57	1 16	23 43	1 43	18 2	2 9	5 26	1 53	8 31	1 23	22 9	0 50	19 27	0 5	19 30	1 21	10 30	8 13	0 1	0 25	2 19			n.a.
W 4	21 53	0 9	0 2	24 2	1 47	17 41	2 23	5 13	1 54	8 29	1 23	22 9	0 51	19 27	0 5	19 30	1 21	10 30	8 13	0 1	0 26	2 15			n.a.
T 5	22 3	6n41	1n14	24 19	1 50	17 21	2 37	5 1	1 54	8 27	1 23	22 10	0 51	19 26	0 5	19 31	1 21	10 30	8 13	0 1	0 28	2 12			n.a.
F 6	22 12	13 13	2 24	24 35	1 53	17 1	2 50	4 48	1 55	8 25	1 24	22 10	0 51	19 26	0 5	19 31	1 21	10 29	8 13	0 2	0 29	2 8			n.a.
S 7	22 21	19 3	3 26	24 49	1 56	16 43	3 2	4 36	1 55	8 24	1 24	22 11	0 51	19 25	0 5	19 32	1 21	10 29	8 12	0 4	0 30	2 5			n.a.
S 8	22 30	23 48	4 14	25 2	1 58	16 25	3 14	4 24	1 56	8 22	1 24	22 12	0 51	19 25	0 5	19 32	1 21	10 29	8 12	0 8	0 32	2 1			n.a.
M 9	22 38	27 4	4 46	25 14	2 1	16 9	3 25	4 11	1 56	8 21	1 24	22 13	0 51	19 24	0 5	19 33	1 21	10 29	8 12	0 12	0 33	1 58			n.a.
T 10	22 45	28 38	5 0	25 24	2 2	15 53	3 36	3 59	1 57	8 19	1 25	22 13	0 52	19 23	0 5	19 33	1 21	10 29	8 12	0 17	0 34	1 54			n.a.
W11	22 52	28 26	4 57	25 32	2 3	15 39	3 46	3 46	1 57	8 18	1 25	22 14	0 52	19 23	0 5	19 34	1 21	10 29	8 12	0 22	0 35	1 51			n.a.
T 12	22 59	26 37	4 39	25 39	2 4	15 25	3 56	3 34	1 58	8 16	1 25	22 15	0 52	19 22	0 5	19 34	1 21	10 28	8 12	0 27	0 37	1 47			n.a.
F 13	23 5	23 27	4 6	25 44	2 5	15 13	4 5	3 22	1 58	8 15	1 26	22 15	0 52	19 22	0 5	19 34	1 21	10 28	8 12	0 31	0 38	1 44			n.a.
S 14	23 11	19 18	3 23	25 47	2 5	15 2	4 13	3 10	1 59	8 14	1 26	22 16	0 52	19 21	0 5	19 35	1 21	10 28	8 12	0 33	0 39	1 41			n.a.
S 15	23 17	14 26	2 31	25 48	2 4	14 53	4 21	2 58	1 59	8 13	1 26	22 17	0 52	19 21	0 5	19 35	1 21	10 28	8 12	0 35	0 41	1 37			n.a.
M16	23 21	9 7	1 33	25 47	2 3	14 44	4 28	2 46	1 59	8 12	1 27	22 18	0 53	19 20	0 5	19 36	1 21	10 28	8 11	0 36	0 42	1 34			n.a.
T 17	23 26	3 32	0 32	25 45	2 1	14 37	4 34	2 33	2 0	8 11	1 27	22 19	0 53	19 20	0 5	19 36	1 21	10 28	8 11	0 36	0 43	1 30			n.a.
W18	23 30	2s 9	0s30	25 40	1 59	14 30	4 40	2 21	2 0	8 10	1 27	22 19	0 53	19 19	0 5	19 37	1 21	10 28	8 11	0 36	0 44	1 27			n.a.
T 19	23 33	7 48	1 32	25 34	1 56	14 25	4 46	2 10	2 1	8 9	1 27	22 20	0 53	19 19	0 5	19 37	1 21	10 28	8 11	0 36	0 46	1 23			n.a.
F 20	23 36	13 15	2 30	25 26	1 53	14 21	4 51	1 58	2 1	8 8	1 28	22 21	0 53	19 18	0 5	19 37	1 21	10 27	8 11	0 37	0 47	1 20			n.a.
S 21	23 39	18 17	3 22	25 16	1 49	14 18	4 55	1 46	2 2	8 8	1 28	22 22	0 53	19 18	0 5	19 38	1 21	10 27	8 11	0 39	0 48	1 16			n.a.
S 22	23 41	22 40	4 5	25 4	1 44	14 16	4 59	1 34	2 2	8 7	1 28	22 23	0 54	19 17	0 5	19 38	1 21	10 27	8 11	0 43	0 49	1 13			n.a.
M23	23 42	26 4	4 38	24 50	1 38	14 16	5 2	1 22	2 3	8 7	1 29	22 24	0 54	19 17	0 5	19 39	1 21	10 27	8 10	0 47	0 51	1 9			n.a.
T 24	23 43	28 11	4 56	24 34	1 32	14 16	5 5	1 11	2 3	8 6	1 29	22 24	0 54	19 16	0 5	19 39	1 21	10 27	8 10	0 53	0 52	1 6			n.a.
W25	23 44	28 42	4 59	24 16	1 25	14 17	5 8	0 59	2 4	8 6	1 29	22 25	0 54	19 16	0 5	19 39	1 21	10 27	8 10	0 58	0 53	1 2			n.a.
T 26	23 44	27 27	4 44	23 57	1 16	14 18	5 10	0 48	2 4	8 5	1 30	22 26	0 54	19 15	0 5	19 40	1 21	10 27	8 10	1 3	0 55	0 59			n.a.
F 27	23 44	24 30	4 13	23 36	1 7	14 21	5 11	0 36	2 4	8 5	1 30	22 27	0 54	19 15	0 5	19 40	1 21	10 27	8 10	1 8	0 56	0 55			n.a.
S 28	23 43	20 4	3 26	23 14	0 57	14 25	5 13	0 25	2 5	8 5	1 30	22 28	0 54	19 14	0 5	19 41	1 21	10 27	8 10	1 11	0 57	0 52			n.a.
S 29	23 42	14 30	2 25	22 51	0 47	14 29	5 14	0 13	2 5	8 5	1 30	22 29	0 55	19 14	0 5	19 41	1 21	10 27	8 9	1 13	0 58	0 48			n.a.
M30	23 40	8 10	1 16	22 26	0 35	14 34	5 14	0 2	2 6	8 5	1 31	22 30	0 55	19 13	0 5	19 41	1 21	10 27	8 9	1 14	1 0	0 45			n.a.
T 31	23s38	1s27	0s 2	22s 1	0s22	14s39	5n14	0s 9	2n 6	8n 5	1n31	22n31	0n55	19n13	0s 5	19s42	1n21	10n27	8s 9	1s14	1s 1	0n41			n.a.

Julian Day Number = 1604146.5, Delta T = 03h57m18s
Ecliptic obliquity = 23°44'12, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'17, Lahiri = - 8°23'17 Julian Calendar 1 Dec. 322 BCE == Greg. Calendar 26 Nov. 322 BCE

The year -321 astronomical counting style corresponds to year 322 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

JANUARY 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 20 59	6♑20'09	10♈34	24♑40	27♏34	5♎39	13♍12	23°R42	25°R 7	3♐ 2	21°R19	26°R56	27♓25	28♍16	n.a.	W 1
T 2	6 24 56	7°21'04	24°36	25°41	28° 3	6° 7	13°R12	23♋38	25♉ 6	3° 4	21♉18	26♓55	27°22	28°22	n.a.	T 2
F 3	6 28 52	8°21'57	8♉34	26°36	28°34	6°35	13°12	23°33	25° 4	3° 6	21°17	26°52	27°19	28°29	n.a.	F 3
S 4	6 32 49	9°22'48	22°27	27°22	29° 6	7° 3	13°12	23°29	25° 2	3° 8	21°16	26°46	27°16	28°36	n.a.	S 4
S 5	6 36 45	10°23'39	6♊13	27°59	29°40	7°31	13°11	23°24	25° 1	3°10	21°16	26°38	27°13	28°42	n.a.	S 5
M 6	6 40 42	11°24'27	19°51	28°26	0♐15	7°59	13°11	23°19	24°59	3°12	21°15	26°27	27° 9	28°49	n.a.	M 6
T 7	6 44 38	12°25'14	3♋16	28°43	0°51	8°26	13°10	23°15	24°58	3°14	21°14	26°14	27° 6	28°56	n.a.	T 7
W 8	6 48 35	13°26'00	16°27	28°R50	1°29	8°54	13° 9	23°10	24°56	3°16	21°14	26° 1	27° 3	29° 2	n.a.	W 8
T 9	6 52 32	14°26'44	29°21	28°46	2° 8	9°21	13° 8	23° 5	24°55	3°18	21°13	25°50	27° 0	29° 9	n.a.	T 9
F 10	6 56 28	15°27'27	11♌59	28°31	2°48	9°48	13° 6	23° 1	24°53	3°19	21°12	25°40	26°57	29°16	n.a.	F 10
S 11	7 0 25	16°28'08	24°20	28° 5	3°29	10°14	13° 5	22°56	24°52	3°21	21°12	25°33	26°53	29°22	n.a.	S 11
S 12	7 4 21	17°28'48	6♍27	27°29	4°11	10°41	13° 3	22°51	24°51	3°23	21°11	25°29	26°50	29°29	n.a.	S 12
M13	7 8 18	18°29'26	18°23	26°45	4°55	11° 7	13° 1	22°46	24°49	3°25	21°10	25°27	26°47	29°35	n.a.	M13
T 14	7 12 14	19°30'04	0♎12	25°52	5°39	11°33	12°59	22°41	24°48	3°26	21°10	25°D27	26°44	29°42	n.a.	T 14
W15	7 16 11	20°30'39	12° 0	24°53	6°25	11°59	12°57	22°36	24°47	3°28	21° 9	25°27	26°41	29°49	n.a.	W15
T 16	7 20 7	21°31'14	23°51	23°49	7°11	12°24	12°54	22°32	24°46	3°30	21° 9	25°R27	26°38	29°55	n.a.	T 16
F 17	7 24 4	22°31'47	5♏51	22°42	7°58	12°50	12°52	22°27	24°45	3°31	21° 8	25°26	26°34	0♎ 2	n.a.	F 17
S 18	7 28 1	23°32'19	18° 6	21°34	8°47	13°15	12°49	22°22	24°44	3°33	21° 8	25°23	26°31	0° 9	n.a.	S 18
S 19	7 31 57	24°32'49	0♐40	20°26	9°36	13°39	12°46	22°17	24°43	3°35	21° 7	25°18	26°28	0°15	n.a.	S 19
M20	7 35 54	25°33'18	13°37	19°21	10°25	14° 4	12°43	22°12	24°42	3°36	21° 7	25°10	26°25	0°22	n.a.	M20
T 21	7 39 50	26°33'45	26°57	18°19	11°16	14°28	12°39	22° 7	24°41	3°38	21° 7	25° 1	26°22	0°29	n.a.	T 21
W22	7 43 47	27°34'11	10♑41	17°22	12° 7	14°52	12°36	22° 3	24°40	3°39	21° 6	24°51	26°19	0°35	n.a.	W22
T 23	7 47 43	28°34'35	24°46	16°30	12°59	15°15	12°32	21°58	24°40	3°41	21° 6	24°41	26°15	0°42	n.a.	T 23
F 24	7 51 40	29°34'57	9♒ 8	15°45	13°51	15°39	12°28	21°53	24°39	3°42	21° 5	24°33	26°12	0°49	n.a.	F 24
S 25	7 55 36	0♒35'17	23°39	15° 7	14°45	16° 2	12°24	21°48	24°38	3°44	21° 5	24°27	26° 9	0°55	n.a.	S 25
S 26	7 59 33	1°35'35	8♓13	14°37	15°39	16°24	12°20	21°43	24°38	3°45	21° 5	24°23	26° 6	1° 2	n.a.	S 26
M27	8 3 30	2°35'51	22°45	14°13	16°33	16°47	12°16	21°39	24°37	3°47	21° 4	24°D22	26° 3	1° 8	n.a.	M27
T 28	8 7 26	3°36'05	7♈10	13°57	17°28	17° 9	12°11	21°34	24°37	3°48	21° 4	24°23	25°59	1°15	n.a.	T 28
W29	8 11 23	4°36'17	21°25	13°47	18°23	17°31	12° 6	21°29	24°36	3°49	21° 4	24°24	25°56	1°22	n.a.	W29
T 30	8 15 19	5°36'26	5♉27	13°D45	19°19	17°52	12° 1	21°25	24°36	3°51	21° 4	24°R24	25°53	1°28	n.a.	T 30
F 31	8 19 16	6♒36'34	19♉18	13♑49	20♐16	18♎13	11♍56	21♋20	24♉35	3♐52	21♉ 4	24♓24	25♓50	1♎35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23s35	5n20	1n12	21s36	0s 8	14s46	5n14	0s20	2n 7	8n 5	1n31	22n32	0n55	19n12	0s 5	19s42	1n21	10n27	8s 9	1s14	1s 2	0n38			n.a.
T 2	23 32	11 49	2 21	21 10	0n 6	14 52	5 14	0 31	2 7	8 5	1 32	22 33	0 55	19 12	0 5	19 43	1 21	10 27	8 9	1 14	1 4	0 34			n.a.
F 3	23 28	17 42	3 21	20 45	0 22	15 0	5 13	0 42	2 8	8 6	1 32	22 34	0 55	19 12	0 5	19 43	1 21	10 27	8 8	1 16	1 5	0 31			n.a.
S 4	23 24	22 37	4 9	20 20	0 38	15 8	5 12	0 53	2 8	8 6	1 32	22 34	0 55	19 11	0 5	19 43	1 21	10 27	8 8	1 18	1 6	0 27			n.a.
S 5	23 19	26 15	4 42	19 56	0 54	15 16	5 11	1 3	2 8	8 6	1 33	22 35	0 55	19 11	0 5	19 44	1 21	10 27	8 8	1 21	1 7	0 24			n.a.
M 6	23 14	28 19	4 59	19 34	1 12	15 25	5 9	1 14	2 9	8 7	1 33	22 36	0 56	19 11	0 5	19 44	1 21	10 27	8 8	1 26	1 9	0 20			n.a.
T 7	23 9	28 40	4 59	19 13	1 29	15 34	5 8	1 25	2 9	8 8	1 33	22 37	0 56	19 10	0 5	19 44	1 21	10 27	8 8	1 31	1 10	0 17			n.a.
W 8	23 3	27 23	4 42	18 54	1 47	15 43	5 6	1 35	2 10	8 8	1 33	22 38	0 56	19 10	0 5	19 45	1 21	10 27	8 8	1 36	1 11	0 13			n.a.
T 9	22 57	24 38	4 12	18 38	2 4	15 53	5 4	1 46	2 10	8 9	1 34	22 39	0 56	19 9	0 4	19 45	1 21	10 27	8 7	1 41	1 12	0 10			n.a.
F 10	22 50	20 45	3 29	18 25	2 21	16 3	5 1	1 56	2 11	8 10	1 34	22 40	0 56	19 9	0 4	19 45	1 21	10 27	8 7	1 45	1 14	0 6			n.a.
S 11	22 42	16 3	2 38	18 14	2 38	16 14	4 59	2 6	2 11	8 11	1 34	22 41	0 56	19 9	0 4	19 46	1 21	10 27	8 7	1 47	1 15	0 3			n.a.
S 12	22 35	10 47	1 39	18 6	2 53	16 24	4 56	2 16	2 11	8 11	1 35	22 42	0 56	19 9	0 4	19 46	1 21	10 27	8 7	1 49	1 16	0s 0			n.a.
M13	22 27	5 14	0 38	18 1	3 7	16 35	4 53	2 26	2 12	8 12	1 35	22 43	0 56	19 8	0 4	19 46	1 21	10 27	8 7	1 50	1 18	0 4			n.a.
T 14	22 18	0s28	0s25	17 58	3 19	16 46	4 50	2 36	2 12	8 14	1 35	22 44	0 57	19 8	0 4	19 47	1 21	10 27	8 6	1 50	1 19	0 7			n.a.
W15	22 9	6 8	1 27	17 59	3 30	16 57	4 47	2 46	2 13	8 15	1 35	22 45	0 57	19 8	0 4	19 47	1 21	10 27	8 6	1 50	1 20	0 11			n.a.
T 16	21 59	11 37	2 26	18 2	3 38	17 8	4 43	2 56	2 13	8 16	1 36	22 46	0 57	19 7	0 4	19 47	1 21	10 27	8 6	1 50	1 21	0 14			n.a.
F 17	21 50	16 45	3 18	18 7	3 44	17 19	4 40	3 5	2 13	8 17	1 36	22 47	0 57	19 7	0 4	19 47	1 21	10 27	8 6	1 50	1 23	0 18			n.a.
S 18	21 39	21 19	4 3	18 14	3 48	17 30	4 36	3 15	2 14	8 19	1 36	22 47	0 57	19 7	0 4	19 48	1 21	10 27	8 6	1 51	1 24	0 21			n.a.
S 19	21 29	25 4	4 37	18 23	3 49	17 41	4 32	3 24	2 14	8 20	1 37	22 48	0 57	19 7	0 4	19 48	1 21	10 27	8 5	1 53	1 25	0 25			n.a.
M20	21 18	27 39	4 59	18 33	3 49	17 52	4 28	3 33	2 14	8 21	1 37	22 49	0 57	19 7	0 4	19 48	1 21	10 27	8 5	1 57	1 27	0 28			n.a.
T 21	21 6	28 47	5 5	18 44	3 46	18 3	4 24	3 42	2 15	8 23	1 37	22 50	0 57	19 6	0 4	19 49	1 21	10 27	8 5	2 0	1 28	0 32			n.a.
W22	20 54	28 10	4 53	18 57	3 41	18 14	4 20	3 51	2 15	8 25	1 37	22 51	0 57	19 6	0 4	19 49	1 21	10 28	8 5	2 4	1 29	0 35			n.a.
T 23	20 42	25 46	4 24	19 9	3 34	18 25	4 16	4 0	2 16	8 26	1 38	22 52	0 57	19 6	0 4	19 49	1 21	10 28	8 4	2 8	1 30	0 39			n.a.
F 24	20 29	21 42	3 38	19 23	3 26	18 35	4 11	4 9	2 16	8 28	1 38	22 53	0 58	19 6	0 4	19 49	1 21	10 28	8 4	2 12	1 32	0 42			n.a.
S 25	20 16	16 16	2 37	19 36	3 17	18 46	4 7	4 17	2 16	8 30	1 38	22 54	0 58	19 6	0 4	19 50	1 21	10 28	8 4	2 14	1 33	0 46			n.a.
S 26	20 3	9 55	1 26	19 50	3 7	18 56	4 3	4 26	2 17	8 32	1 38	22 54	0 58	19 6	0 4	19 50	1 21	10 28	8 4	2 15	1 34	0 49			n.a.
M27	19 49	3 3	0 9	20 3	2 56	19 6	3 58	4 34	2 17	8 34	1 39	22 55	0 58	19 5	0 4	19 50	1 22	10 28	8 4	2 16	1 35	0 53			n.a.
T 28	19 35	3n55	1n 8	20 17	2 44	19 16	3 53	4 42	2 17	8 36	1 39	22 56	0 58	19 5	0 4	19 50	1 22	10 28	8 3	2 16	1 37	0 56			n.a.
W29	19 21	10 37	2 20	20 30	2 32	19 26	3 49	4 51	2 17	8 38	1 39	22 57	0 58	19 5	0 4	19 51	1 22	10 28	8 3	2 15	1 38	1 0			n.a.
T 30	19 6	16 41	3 23	20 43	2 19	19 35	3 44	4 58	2 18	8 40	1 39	22 58	0 58	19 5	0 4	19 51	1 22	10 29	8 3	2 15	1 39	1 3			n.a.
F 31	18s51	21n49	4n13	20s55	2n 6	19s44	3n39	5s 6	2n18	8n42	1n40	22n59	0n58	19n 5	0s 4	19s51	1n22	10n29	8s 3	2s15	1s41	1s 7			n.a.

Julian Day Number = 1604177.5, Delta T = 03h57m17s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'13, Lahiri = - 8°23'13 Julian Calendar 1 Jan. 321 BCE == Greg. Calendar 27 Dec. 322 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

FEBRUARY 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 23 12	7♒36'39	2♊56	13♑59	21♐13	18♎34	11°R51	21°R15	24°R35	3♐53	21°R 3	24°R21	25♓47	1♎42	n.a.	S 1
S 2	8 27 9	8°36'41	16°21	14°15	22°11	18°54	11♍46	21♋11	24♉35	3°54	21♉ 3	24♓16	25°44	1°48	n.a.	S 2
M 3	8 31 5	9°36'42	29°35	14°36	23° 9	19°14	11°40	21° 6	24°35	3°56	21° 3	24° 9	25°40	1°55	n.a.	M 3
T 4	8 35 2	10°36'40	12♋36	15° 2	24° 7	19°33	11°35	21° 2	24°35	3°57	21° 3	24° 2	25°37	2° 2	n.a.	T 4
W 5	8 38 59	11°36'37	25°24	15°34	25° 6	19°53	11°29	20°58	24°35	3°58	21° 3	23°54	25°34	2° 8	n.a.	W 5
T 6	8 42 55	12°36'31	7♌59	16° 9	26° 5	20°11	11°23	20°53	24°D35	3°59	21° 3	23°47	25°31	2°15	n.a.	T 6
F 7	8 46 52	13°36'23	20°22	16°49	27° 5	20°30	11°17	20°49	24°35	4° 0	21° 3	23°41	25°28	2°22	n.a.	F 7
S 8	8 50 48	14°36'13	2♍33	17°33	28° 5	20°48	11°11	20°45	24°35	4° 1	21°D 3	23°36	25°25	2°28	n.a.	S 8
S 9	8 54 45	15°36'00	14°33	18°20	29° 5	21° 5	11° 5	20°41	24°35	4° 2	21° 3	23°34	25°21	2°35	n.a.	S 9
M10	8 58 41	16°35'46	26°26	19°11	0♑ 6	21°23	10°59	20°37	24°35	4° 3	21° 3	23°D34	25°18	2°42	n.a.	M10
T 11	9 2 38	17°35'30	8♎15	20° 5	1° 7	21°39	10°52	20°32	24°35	4° 4	21° 3	23°35	25°15	2°48	n.a.	T 11
W12	9 6 34	18°35'12	20° 2	21° 2	2° 8	21°55	10°45	20°28	24°36	4° 5	21° 3	23°37	25°12	2°55	n.a.	W12
T 13	9 10 31	19°34'53	1♏53	22° 1	3°10	22°11	10°39	20°25	24°36	4° 6	21° 3	23°38	25° 9	3° 1	n.a.	T 13
F 14	9 14 27	20°34'31	13°53	23° 3	4°12	22°27	10°32	20°21	24°36	4° 7	21° 3	23°39	25° 5	3° 8	n.a.	F 14
S 15	9 18 24	21°34'08	26° 6	24° 8	5°14	22°41	10°25	20°17	24°37	4° 8	21° 3	23°R40	25° 2	3°15	n.a.	S 15
S 16	9 22 21	22°33'42	8♐38	25°15	6°17	22°56	10°18	20°13	24°37	4° 8	21° 3	23°38	24°59	3°21	n.a.	S 16
M17	9 26 17	23°33'15	21°33	26°25	7°20	23°10	10°11	20°10	24°38	4° 9	21° 4	23°36	24°56	3°28	n.a.	M17
T 18	9 30 14	24°32'47	4♑52	27°36	8°23	23°23	10° 4	20° 6	24°38	4°10	21° 4	23°32	24°53	3°35	n.a.	T 18
W19	9 34 10	25°32'16	18°39	28°50	9°26	23°36	9°57	20° 2	24°39	4°11	21° 4	23°28	24°50	3°41	n.a.	W19
T 20	9 38 7	26°31'43	2♒51	0♒ 5	10°30	23°48	9°49	19°59	24°40	4°11	21° 4	23°24	24°46	3°48	n.a.	T 20
F 21	9 42 3	27°31'08	17°25	1°22	11°34	24° 0	9°42	19°56	24°41	4°12	21° 5	23°20	24°43	3°55	n.a.	F 21
S 22	9 46 0	28°30'31	2♓15	2°41	12°38	24°11	9°35	19°52	24°41	4°13	21° 5	23°18	24°40	4° 1	n.a.	S 22
S 23	9 49 56	29°29'52	17°12	4° 2	13°43	24°21	9°27	19°49	24°42	4°13	21° 5	23°D17	24°37	4° 8	n.a.	S 23
M24	9 53 53	0♓29'10	2♈ 8	5°25	14°47	24°31	9°20	19°46	24°43	4°14	21° 6	23°17	24°34	4°15	n.a.	M24
T 25	9 57 50	1°28'26	16°57	6°49	15°52	24°40	9°12	19°43	24°44	4°14	21° 6	23°18	24°31	4°21	n.a.	T 25
W26	10 1 46	2°27'40	1♉31	8°14	16°57	24°49	9° 4	19°40	24°45	4°15	21° 6	23°19	24°27	4°28	n.a.	W26
T 27	10 5 43	3°26'52	15°47	9°42	18° 2	24°57	8°57	19°37	24°46	4°15	21° 7	23°20	24°24	4°35	n.a.	T 27
F 28	10 9 39	4°26'01	29°43	11°11	19° 7	25° 5	8°49	19°35	24°48	4°16	21° 7	23°R21	24°21	4°41	n.a.	F 28
S 29	10 13 36	5♓25'07	13♊19	12♒41	20♑13	25♎12	8♍41	19♋32	24♉49	4♐16	21♉ 8	23♓21	24♓18	4♎48	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s36	25n42	4n47	21s 7	1n53	19s53	3n34	5s14	2n18	8n44	1n40	22n59	0n58	19n 5	0s 4	19s51	1n22	10n29	8s 3	2s16	1s42	1s10		n.a.
S 2	18 20	28 5	5 5	21 18	1 41	20 1	3 29	5 21	2 19	8 47	1 40	23 0	0 58	19 5	0 4	19 51	1 22	10 29	8 2	2 18	1 43	1 14		n.a.
M 3	18 4	28 51	5 7	21 28	1 28	20 10	3 24	5 29	2 19	8 49	1 40	23 1	0 58	19 5	0 4	19 52	1 22	10 29	8 2	2 21	1 44	1 17		n.a.
T 4	17 48	27 59	4 52	21 38	1 15	20 17	3 19	5 36	2 19	8 51	1 41	23 2	0 58	19 5	0 4	19 52	1 22	10 29	8 2	2 24	1 46	1 21		n.a.
W 5	17 31	25 38	4 23	21 47	1 3	20 25	3 14	5 43	2 19	8 54	1 41	23 2	0 58	19 5	0 4	19 52	1 22	10 30	8 2	2 27	1 47	1 24		n.a.
T 6	17 14	22 4	3 42	21 55	0 51	20 32	3 9	5 50	2 20	8 56	1 41	23 3	0 58	19 5	0 4	19 52	1 22	10 30	8 1	2 30	1 48	1 28		n.a.
F 7	16 57	17 34	2 51	22 1	0 39	20 39	3 4	5 57	2 20	8 59	1 41	23 4	0 59	19 5	0 4	19 52	1 22	10 30	8 1	2 32	1 50	1 31		n.a.
S 8	16 39	12 26	1 52	22 7	0 27	20 45	2 59	6 3	2 20	9 1	1 41	23 5	0 59	19 5	0 4	19 52	1 22	10 30	8 1	2 34	1 51	1 35		n.a.
S 9	16 21	6 54	0 49	22 12	0 16	20 51	2 53	6 10	2 20	9 4	1 42	23 5	0 59	19 5	0 4	19 53	1 22	10 31	8 1	2 35	1 52	1 38		n.a.
M10	16 3	1 12	0s16	22 16	0 5	20 56	2 48	6 16	2 20	9 6	1 42	23 6	0 59	19 5	0 4	19 53	1 22	10 31	8 1	2 35	1 53	1 41		n.a.
T 11	15 45	4s31	1 19	22 19	0s 6	21 1	2 43	6 22	2 20	9 9	1 42	23 7	0 59	19 5	0 4	19 53	1 22	10 31	8 0	2 35	1 55	1 45		n.a.
W12	15 27	10 5	2 20	22 20	0 16	21 5	2 38	6 28	2 21	9 12	1 42	23 7	0 59	19 5	0 4	19 53	1 22	10 31	8 0	2 34	1 56	1 48		n.a.
T 13	15 8	15 19	3 14	22 20	0 26	21 10	2 32	6 34	2 21	9 14	1 42	23 8	0 59	19 5	0 4	19 53	1 22	10 31	8 0	2 33	1 57	1 52		n.a.
F 14	14 49	20 2	4 1	22 19	0 35	21 13	2 27	6 40	2 21	9 17	1 42	23 9	0 59	19 5	0 4	19 53	1 22	10 32	8 0	2 33	1 58	1 55		n.a.
S 15	14 29	24 1	4 38	22 17	0 45	21 16	2 22	6 45	2 21	9 20	1 43	23 9	0 59	19 6	0 4	19 53	1 22	10 32	7 59	2 33	2 0	1 59		n.a.
S 16	14 10	27 0	5 3	22 13	0 53	21 19	2 17	6 51	2 21	9 23	1 43	23 10	0 59	19 6	0 4	19 54	1 22	10 32	7 59	2 33	2 1	2 2		n.a.
M17	13 50	28 40	5 13	22 8	1 2	21 21	2 11	6 56	2 21	9 26	1 43	23 10	0 59	19 6	0 4	19 54	1 22	10 32	7 59	2 34	2 2	2 6		n.a.
T 18	13 30	28 46	5 7	22 2	1 10	21 22	2 6	7 1	2 21	9 28	1 43	23 11	0 59	19 6	0 4	19 54	1 22	10 33	7 59	2 36	2 4	2 9		n.a.
W19	13 10	27 6	4 44	21 54	1 17	21 23	2 1	7 5	2 21	9 31	1 43	23 12	0 59	19 6	0 4	19 54	1 22	10 33	7 58	2 38	2 5	2 13		n.a.
T 20	12 50	23 42	4 3	21 45	1 24	21 24	1 56	7 10	2 21	9 34	1 43	23 12	0 59	19 6	0 4	19 54	1 22	10 33	7 58	2 39	2 6	2 16		n.a.
F 21	12 29	18 44	3 5	21 35	1 31	21 23	1 51	7 14	2 21	9 37	1 43	23 13	0 59	19 7	0 4	19 54	1 22	10 34	7 58	2 41	2 7	2 20		n.a.
S 22	12 8	12 34	1 53	21 23	1 37	21 23	1 45	7 18	2 21	9 40	1 43	23 13	0 59	19 7	0 4	19 54	1 22	10 34	7 58	2 42	2 9	2 23		n.a.
S 23	11 47	5 38	0 33	21 9	1 43	21 22	1 40	7 22	2 21	9 43	1 44	23 14	0 59	19 7	0 4	19 54	1 22	10 34	7 58	2 42	2 10	2 27		n.a.
M24	11 26	1n36	0n49	20 54	1 48	21 20	1 35	7 26	2 21	9 46	1 44	23 14	0 59	19 7	0 4	19 54	1 22	10 34	7 57	2 42	2 11	2 30		n.a.
T 25	11 5	8 41	2 7	20 37	1 53	21 18	1 30	7 30	2 21	9 49	1 44	23 15	0 59	19 8	0 4	19 54	1 23	10 35	7 57	2 42	2 12	2 34		n.a.
W26	10 44	15 12	3 16	20 19	1 58	21 15	1 25	7 33	2 20	9 52	1 44	23 15	0 59	19 8	0 4	19 54	1 23	10 35	7 57	2 41	2 14	2 37		n.a.
T 27	10 22	20 46	4 11	20 0	2 2	21 11	1 20	7 36	2 20	9 55	1 44	23 15	0 59	19 8	0 4	19 54	1 23	10 35	7 57	2 41	2 15	2 40		n.a.
F 28	10 0	25 3	4 50	19 39	2 5	21 7	1 15	7 39	2 20	9 58	1 44	23 16	0 59	19 8	0 4	19 54	1 23	10 36	7 56	2 40	2 16	2 44		n.a.
S 29	9s38	27n49	5n11	19s16	2s 9	21s 3	1n10	7s42	2n20	10n 1	1n44	23n16	0n59	19n 9	0s 4	19s54	1n23	10n36	7s56	2s40	2s18	2s47		n.a.

Julian Day Number = 1604208.5, Delta T = 03h57m16s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'09, Lahiri = - 8°23'09 Julian Calendar 1 Feb. 321 BCE == Greg. Calendar 27 Jan. 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

MARCH 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 17 32	6♓24'11	26♊35	14♒13	21♉18	25♎18	8°R34	19°R30	24♉50	4♐16	21♉ 8	23°R20	24♓15	4♎54	n.a.	S 1
M 2	10 21 29	7°23'13	9♋34	15°46	22°24	25°24	8♍26	19♋27	24°51	4°17	21° 9	23♓18	24°11	5° 1	n.a.	M 2
T 3	10 25 25	8°22'13	22°17	17°21	23°30	25°28	8°18	19°25	24°53	4°17	21° 9	23°16	24° 8	5° 8	n.a.	T 3
W 4	10 29 22	9°21'10	4♌47	18°57	24°37	25°33	8°11	19°22	24°54	4°17	21°10	23°14	24° 5	5°14	n.a.	W 4
T 5	10 33 19	10°20'04	17° 4	20°35	25°43	25°36	8° 3	19°20	24°55	4°17	21°10	23°12	24° 2	5°21	n.a.	T 5
F 6	10 37 15	11°18'57	29°12	22°14	26°49	25°39	7°55	19°18	24°57	4°17	21°11	23°11	23°59	5°28	n.a.	F 6
S 7	10 41 12	12°17'47	11♍12	23°55	27°56	25°41	7°48	19°16	24°58	4°18	21°11	23°10	23°56	5°34	n.a.	S 7
S 8	10 45 8	13°16'35	23° 5	25°37	29° 3	25°43	7°40	19°14	25° 0	4°18	21°12	23°D10	23°52	5°41	n.a.	S 8
M 9	10 49 5	14°15'21	4♎55	27°21	0♒10	25°R43	7°32	19°13	25° 2	4°18	21°13	23°10	23°49	5°48	n.a.	M 9
T 10	10 53 1	15°14'05	16°43	29° 6	1°17	25°43	7°25	19°11	25° 3	4°18	21°13	23°10	23°46	5°54	n.a.	T 10
W11	10 56 58	16°12'47	28°32	0♓53	2°24	25°43	7°17	19° 9	25° 5	4°R18	21°14	23°11	23°43	6° 1	n.a.	W11
T 12	11 0 54	17°11'27	10♏25	2°42	3°31	25°41	7° 9	19° 8	25° 7	4°18	21°15	23°12	23°40	6° 8	n.a.	T 12
F 13	11 4 51	18°10'06	22°26	4°31	4°39	25°39	7° 2	19° 7	25° 9	4°18	21°15	23°13	23°37	6°14	n.a.	F 13
S 14	11 8 47	19° 8'42	4♐40	6°23	5°46	25°36	6°55	19° 5	25°10	4°18	21°16	23°13	23°33	6°21	n.a.	S 14
S 15	11 12 44	20° 7'17	17° 9	8°16	6°54	25°32	6°47	19° 4	25°12	4°18	21°17	23°R13	23°30	6°28	n.a.	S 15
M16	11 16 41	21° 5'50	29°59	10°10	8° 2	25°28	6°40	19° 3	25°14	4°17	21°18	23°13	23°27	6°34	n.a.	M16
T 17	11 20 37	22° 4'22	13♑13	12° 6	9°10	25°22	6°33	19° 2	25°16	4°17	21°18	23°13	23°24	6°41	n.a.	T 17
W18	11 24 34	23° 2'51	26°53	14° 4	10°18	25°16	6°25	19° 1	25°18	4°17	21°19	23°D13	23°21	6°48	n.a.	W18
T 19	11 28 30	24° 1'19	11♒ 0	16° 3	11°26	25° 9	6°18	19° 0	25°20	4°17	21°20	23°13	23°17	6°54	n.a.	T 19
F 20	11 32 27	24°59'45	25°31	18° 3	12°34	25° 2	6°11	19° 0	25°23	4°16	21°21	23°13	23°14	7° 1	n.a.	F 20
S 21	11 36 23	25°58'10	10♓24	20° 5	13°43	24°53	6° 4	18°59	25°25	4°16	21°22	23°13	23°11	7° 7	n.a.	S 21
S 22	11 40 20	26°56'32	25°30	22° 9	14°51	24°44	5°58	18°59	25°27	4°16	21°23	23°R13	23° 8	7°14	n.a.	S 22
M23	11 44 16	27°54'52	10♈41	24°13	16° 0	24°34	5°51	18°59	25°29	4°15	21°24	23°13	23° 5	7°21	n.a.	M23
T 24	11 48 13	28°53'11	25°47	26°19	17° 8	24°24	5°44	18°58	25°31	4°15	21°24	23°13	23° 2	7°27	n.a.	T 24
W25	11 52 10	29°51'27	10♉40	28°26	18°17	24°12	5°38	18°D58	25°34	4°15	21°25	23°12	22°58	7°34	n.a.	W25
T 26	11 56 6	0♈49'42	25°13	0♈33	19°26	24° 0	5°31	18°58	25°36	4°14	21°26	23°11	22°55	7°41	n.a.	T 26
F 27	12 0 3	1°47'54	9♊22	2°41	20°35	23°47	5°25	18°58	25°38	4°14	21°27	23°10	22°52	7°47	n.a.	F 27
S 28	12 3 59	2°46'04	23° 4	4°50	21°44	23°34	5°19	18°59	25°41	4°13	21°28	23°10	22°49	7°54	n.a.	S 28
S 29	12 7 56	3°44'13	6♋22	6°59	22°53	23°20	5°13	18°59	25°43	4°13	21°29	23°D10	22°46	8° 1	n.a.	S 29
M30	12 11 52	4°42'19	19°16	9° 8	24° 2	23° 5	5° 7	18°59	25°46	4°12	21°30	23°10	22°42	8° 7	n.a.	M30
T 31	12 15 49	5♈40'23	1♌51	11♈17	25♒11	22♎49	5♍ 1	19♋ 0	25♉48	4♐11	21♉31	23♓11	22♓39	8♎14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	9s16	28n57	5n15	18s52	2s11	20s58	1n 5	7s45	2n19	10n 4	1n44	23n17	0n59	19n 9	0s 4	19s54	1n23	10n36	7s56	2s41	2s19	2s51			n.a.
M 2	8 54	28 26	5 3	18 26	2 14	20 52	1 0	7 47	2 19	10 7	1 44	23 17	0 59	19 9	0 4	19 54	1 23	10 37	7 56	2 41	2 20	2 54			n.a.
T 3	8 32	26 25	4 37	17 58	2 15	20 46	0 55	7 49	2 19	10 10	1 44	23 17	0 59	19 10	0 4	19 54	1 23	10 37	7 56	2 42	2 21	2 58			n.a.
W 4	8 10	23 8	3 57	17 29	2 17	20 39	0 50	7 51	2 18	10 13	1 44	23 18	0 59	19 10	0 4	19 54	1 23	10 37	7 55	2 43	2 23	3 1			n.a.
T 5	7 47	18 52	3 7	16 59	2 18	20 31	0 45	7 53	2 18	10 16	1 44	23 18	0 59	19 10	0 4	19 54	1 23	10 38	7 55	2 44	2 24	3 5			n.a.
F 6	7 25	13 54	2 9	16 26	2 18	20 23	0 41	7 54	2 17	10 19	1 44	23 18	0 59	19 11	0 4	19 54	1 23	10 38	7 55	2 44	2 25	3 8			n.a.
S 7	7 2	8 28	1 6	15 52	2 18	20 15	0 36	7 56	2 17	10 22	1 44	23 19	0 59	19 11	0 4	19 54	1 23	10 38	7 55	2 45	2 26	3 12			n.a.
S 8	6 39	2 47	0 0	15 17	2 17	20 6	0 31	7 57	2 16	10 24	1 44	23 19	0 59	19 12	0 4	19 54	1 23	10 39	7 55	2 45	2 28	3 15			n.a.
M 9	6 16	2s58	1s 5	14 40	2 16	19 56	0 27	7 58	2 16	10 27	1 44	23 19	0 59	19 12	0 4	19 54	1 23	10 39	7 54	2 45	2 29	3 19			n.a.
T 10	5 53	8 36	2 7	14 1	2 14	19 46	0 22	7 58	2 15	10 30	1 44	23 19	0 59	19 12	0 4	19 54	1 23	10 40	7 54	2 45	2 30	3 22			n.a.
W11	5 30	13 57	3 4	13 21	2 12	19 35	0 18	7 59	2 14	10 33	1 44	23 20	0 59	19 13	0 4	19 54	1 23	10 40	7 54	2 44	2 32	3 25			n.a.
T 12	5 7	18 49	3 53	12 39	2 9	19 24	0 13	7 59	2 14	10 36	1 44	23 20	0 59	19 13	0 4	19 54	1 23	10 40	7 54	2 44	2 33	3 29			n.a.
F 13	4 44	23 0	4 33	11 55	2 6	19 12	0 9	7 59	2 13	10 39	1 44	23 20	0 59	19 14	0 4	19 54	1 23	10 41	7 54	2 44	2 34	3 32			n.a.
S 14	4 21	26 16	5 1	11 10	2 2	18 59	0 5	7 58	2 12	10 41	1 44	23 20	0 59	19 14	0 4	19 54	1 23	10 41	7 53	2 44	2 35	3 36			n.a.
S 15	3 58	28 21	5 16	10 24	1 58	18 46	0 0	7 58	2 11	10 44	1 44	23 20	0 59	19 15	0 4	19 54	1 23	10 41	7 53	2 44	2 37	3 39			n.a.
M16	3 34	29 0	5 16	9 35	1 53	18 33	0s 4	7 57	2 10	10 47	1 44	23 21	0 59	19 15	0 4	19 54	1 23	10 42	7 53	2 44	2 38	3 43			n.a.
T 17	3 11	28 1	4 59	8 46	1 48	18 19	0 8	7 56	2 9	10 49	1 44	23 21	0 59	19 16	0 4	19 54	1 23	10 42	7 53	2 44	2 39	3 46			n.a.
W18	2 48	25 22	4 25	7 54	1 42	18 4	0 12	7 55	2 8	10 52	1 44	23 21	0 59	19 16	0 4	19 54	1 23	10 43	7 53	2 44	2 40	3 50			n.a.
T 19	2 24	21 7	3 34	7 2	1 35	17 49	0 16	7 53	2 7	10 55	1 44	23 21	0 59	19 17	0 4	19 54	1 23	10 43	7 52	2 44	2 42	3 53			n.a.
F 20	2 1	15 29	2 28	6 8	1 28	17 34	0 20	7 52	2 6	10 57	1 44	23 21	0 59	19 17	0 4	19 54	1 23	10 43	7 52	2 44	2 43	3 57			n.a.
S 21	1 37	8 51	1 11	5 13	1 21	17 18	0 24	7 50	2 4	11 0	1 43	23 21	0 59	19 18	0 4	19 54	1 23	10 44	7 52	2 43	2 44	4 0			n.a.
S 22	1 14	1 37	0n13	4 16	1 13	17 1	0 27	7 48	2 3	11 2	1 43	23 21	0 59	19 18	0 4	19 54	1 23	10 44	7 52	2 43	2 46	4 3			n.a.
M23	0 50	5n44	1 36	3 19	1 5	16 44	0 31	7 45	2 2	11 5	1 43	23 21	0 59	19 19	0 4	19 53	1 24	10 45	7 52	2 43	2 47	4 7			n.a.
T 24	0 27	12 44	2 51	2 20	0 56	16 26	0 35	7 43	2 0	11 7	1 43	23 21	0 59	19 19	0 4	19 53	1 24	10 45	7 51	2 44	2 48	4 10			n.a.
W25	0 3	18 54	3 54	1 20	0 46	16 8	0 38	7 40	1 59	11 9	1 43	23 21	0 59	19 20	0 4	19 53	1 24	10 45	7 51	2 44	2 49	4 14			n.a.
T 26	0n20	23 50	4 40	0 20	0 37	15 50	0 42	7 37	1 57	11 12	1 43	23 21	0 59	19 21	0 3	19 53	1 24	10 46	7 51	2 44	2 51	4 17			n.a.
F 27	0 43	27 12	5 8	0n41	0 27	15 31	0 45	7 34	1 55	11 14	1 43	23 21	0 59	19 21	0 3	19 53	1 24	10 46	7 51	2 45	2 52	4 21			n.a.
S 28	1 7	28 50	5 17	1 42	0 16	15 12	0 48	7 30	1 54	11 16	1 43	23 21	0 59	19 22	0 3	19 53	1 24	10 47	7 51	2 45	2 53	4 24			n.a.
S 29	1 30	28 43	5 9	2 43	0 6	14 52	0 51	7 27	1 52	11 18	1 42	23 21	0 59	19 22	0 3	19 53	1 24	10 47	7 50	2 45	2 54	4 28			n.a.
M30	1 54	27 2	4 45	3 44	0n 5	14 32	0 55	7 23	1 50	11 20	1 42	23 21	0 59	19 23	0 3	19 53	1 24	10 48	7 50	2 45	2 56	4 31			n.a.
T 31	2n17	24n 1	4n 8	4n45	0n16	14s11	0s58	7s19	1n48	11n22	1n42	23n21	0n59	19n24	0s 3	19s52	1n24	10n48	7s50	2s44	2s57	4s34			n.a.

Julian Day Number = 1604237.5, Delta T = 03h57m15s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'05, Lahiri = - 8°23'05 Julian Calendar 1 March 321 BCE == Greg. Calendar 25 Feb. 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

APRIL 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 19 45	6♈38'24	14♌ 9	13♈25	26♒20	22°R33	4°R55	19♋ 1	25♉51	4°R11	21♉32	23♓12	22♓36	8♎21	n.a.	W 1
T 2	12 23 42	7°36'24	26°16	15°32	27°30	22♎17	4♍50	19° 1	25°54	4♐10	21°33	23°13	22°33	8°27	n.a.	T 2
F 3	12 27 39	8°34'22	8♍13	17°38	28°39	22° 0	4°44	19° 2	25°56	4° 9	21°34	23°14	22°30	8°34	n.a.	F 3
S 4	12 31 35	9°32'18	20° 4	19°43	29°49	21°42	4°39	19° 3	25°59	4° 9	21°36	23°R15	22°27	8°41	n.a.	S 4
S 5	12 35 32	10°30'13	1♎53	21°46	0♓58	21°24	4°34	19° 4	26° 2	4° 8	21°37	23°15	22°23	8°47	n.a.	S 5
M 6	12 39 28	11°28'05	13°41	23°47	2° 8	21° 5	4°29	19° 5	26° 4	4° 7	21°38	23°14	22°20	8°54	n.a.	M 6
T 7	12 43 25	12°25'56	25°31	25°45	3°17	20°46	4°24	19° 7	26° 7	4° 6	21°39	23°12	22°17	9° 1	n.a.	T 7
W 8	12 47 21	13°23'46	7♏24	27°41	4°27	20°27	4°19	19° 8	26°10	4° 5	21°40	23° 9	22°14	9° 7	n.a.	W 8
T 9	12 51 18	14°21'34	19°24	29°35	5°37	20° 7	4°15	19°10	26°13	4° 4	21°41	23° 5	22°11	9°14	n.a.	T 9
F 10	12 55 14	15°19'20	1♐31	1♉26	6°47	19°47	4°10	19°11	26°16	4° 3	21°42	23° 2	22° 8	9°20	n.a.	F 10
S 11	12 59 11	16°17'05	13°50	3°13	7°57	19°26	4° 6	19°13	26°19	4° 3	21°44	22°59	22° 4	9°27	n.a.	S 11
S 12	13 3 7	17°14'50	26°22	4°58	9° 7	19° 6	4° 2	19°15	26°22	4° 2	21°45	22°56	22° 1	9°34	n.a.	S 12
M13	13 7 4	18°12'32	9♑11	6°39	10°17	18°45	3°58	19°16	26°24	4° 1	21°46	22°55	21°58	9°40	n.a.	M13
T 14	13 11 1	19°10'14	22°20	8°17	11°27	18°24	3°54	19°18	26°27	4° 0	21°47	22°D55	21°55	9°47	n.a.	T 14
W15	13 14 57	20° 7'54	5♒52	9°52	12°37	18° 3	3°51	19°21	26°30	3°59	21°48	22°56	21°52	9°54	n.a.	W15
T 16	13 18 54	21° 5'34	19°47	11°23	13°47	17°42	3°47	19°23	26°34	3°58	21°50	22°57	21°48	10° 0	n.a.	T 16
F 17	13 22 50	22° 3'12	4♓ 7	12°51	14°58	17°21	3°44	19°25	26°37	3°56	21°51	22°58	21°45	10° 7	n.a.	F 17
S 18	13 26 47	23° 0'49	18°49	14°16	16° 8	17° 0	3°41	19°27	26°40	3°55	21°52	22°R59	21°42	10°14	n.a.	S 18
S 19	13 30 43	23°58'25	3♈48	15°37	17°18	16°39	3°38	19°30	26°43	3°54	21°53	22°59	21°39	10°20	n.a.	S 19
M20	13 34 40	24°55'59	18°57	16°54	18°29	16°18	3°36	19°32	26°46	3°53	21°55	22°57	21°36	10°27	n.a.	M20
T 21	13 38 36	25°53'32	4♉ 7	18° 7	19°39	15°57	3°33	19°35	26°49	3°52	21°56	22°54	21°33	10°34	n.a.	T 21
W22	13 42 33	26°51'05	19° 8	19°17	20°50	15°37	3°31	19°38	26°52	3°51	21°57	22°49	21°29	10°40	n.a.	W22
T 23	13 46 30	27°48'35	3♊51	20°23	22° 0	15°16	3°28	19°41	26°55	3°50	21°59	22°44	21°26	10°47	n.a.	T 23
F 24	13 50 26	28°46'05	18°11	21°25	23°11	14°56	3°26	19°44	26°59	3°48	22° 0	22°39	21°23	10°54	n.a.	F 24
S 25	13 54 23	29°43'33	2♋ 2	22°24	24°22	14°37	3°25	19°47	27° 2	3°47	22° 1	22°35	21°20	11° 0	n.a.	S 25
S 26	13 58 19	0♉41'00	15°25	23°18	25°32	14°18	3°23	19°50	27° 5	3°46	22° 3	22°33	21°17	11° 7	n.a.	S 26
M27	14 2 16	1°38'25	28°22	24° 8	26°43	13°59	3°22	19°53	27° 9	3°44	22° 4	22°D31	21°14	11°14	n.a.	M27
T 28	14 6 12	2°35'49	10♌55	24°54	27°54	13°41	3°20	19°57	27°12	3°43	22° 5	22°32	21°10	11°20	n.a.	T 28
W29	14 10 9	3°33'11	23°10	25°36	29° 5	13°23	3°19	20° 0	27°15	3°42	22° 7	22°33	21° 7	11°27	n.a.	W29
T 30	14 14 6	4♉30'33	5♍12	26♉14	0♈16	13♎ 6	3♍18	20♋ 3	27♉19	3♐41	22♉ 8	22♓35	21♓ 4	11♎34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n40	19n58	3n20	5n46	0n26	13s50	1s 1	7s15	1n46	11n24	1n42	23n21	0n59	19n24	0s 3	19s52	1n24	10n48	7s50	2s44	2s58	4s38		n.a.
T 2	3 3	15 10	2 24	6 46	0 37	13 29	1 3	7 11	1 44	11 26	1 42	23 21	0 59	19 25	0 3	19 52	1 24	10 49	7 50	2 43	3 0	4 41		n.a.
F 3	3 26	9 52	1 22	7 44	0 48	13 7	1 6	7 6	1 42	11 28	1 42	23 21	0 59	19 25	0 3	19 52	1 24	10 49	7 50	2 43	3 1	4 45		n.a.
S 4	3 49	4 15	0 18	8 42	0 58	12 45	1 9	7 1	1 39	11 30	1 41	23 20	0 59	19 26	0 3	19 52	1 24	10 50	7 49	2 43	3 2	4 48		n.a.
S 5	4 12	1s29	0s48	9 38	1 8	12 23	1 12	6 57	1 37	11 31	1 41	23 20	0 59	19 27	0 3	19 52	1 24	10 50	7 49	2 43	3 3	4 52		n.a.
M 6	4 35	7 10	1 51	10 33	1 18	12 0	1 14	6 52	1 35	11 33	1 41	23 20	0 59	19 27	0 3	19 51	1 24	10 51	7 49	2 43	3 5	4 55		n.a.
T 7	4 58	12 36	2 49	11 26	1 28	11 37	1 17	6 47	1 32	11 35	1 41	23 20	0 59	19 28	0 3	19 51	1 24	10 51	7 49	2 44	3 6	4 58		n.a.
W 8	5 21	17 37	3 40	12 17	1 37	11 13	1 19	6 42	1 30	11 36	1 41	23 20	0 59	19 29	0 3	19 51	1 24	10 51	7 49	2 45	3 7	5 2		n.a.
T 9	5 44	21 59	4 22	13 6	1 45	10 49	1 21	6 37	1 27	11 38	1 40	23 19	0 59	19 29	0 3	19 51	1 24	10 52	7 49	2 47	3 8	5 5		n.a.
F 10	6 6	25 30	4 53	13 52	1 53	10 25	1 23	6 31	1 25	11 39	1 40	23 19	0 59	19 30	0 3	19 51	1 24	10 52	7 49	2 48	3 10	5 9		n.a.
S 11	6 29	27 53	5 10	14 37	2 0	10 1	1 26	6 26	1 22	11 41	1 40	23 19	0 59	19 31	0 3	19 51	1 24	10 53	7 48	2 49	3 11	5 12		n.a.
S 12	6 51	28 55	5 14	15 19	2 6	9 36	1 28	6 21	1 19	11 42	1 40	23 19	0 59	19 32	0 3	19 50	1 24	10 53	7 48	2 50	3 12	5 16		n.a.
M13	7 14	28 26	5 2	15 59	2 12	9 11	1 30	6 15	1 17	11 43	1 40	23 18	0 59	19 32	0 3	19 50	1 24	10 54	7 48	2 51	3 13	5 19		n.a.
T 14	7 36	26 22	4 34	16 36	2 17	8 46	1 31	6 10	1 14	11 44	1 39	23 18	0 59	19 33	0 3	19 50	1 24	10 54	7 48	2 51	3 15	5 22		n.a.
W15	7 58	22 45	3 50	17 11	2 22	8 20	1 33	6 4	1 11	11 45	1 39	23 18	0 59	19 34	0 3	19 50	1 24	10 55	7 48	2 51	3 16	5 26		n.a.
T 16	8 20	17 47	2 52	17 44	2 25	7 54	1 35	5 59	1 8	11 46	1 39	23 17	0 59	19 34	0 3	19 49	1 24	10 55	7 48	2 50	3 17	5 29		n.a.
F 17	8 42	11 42	1 42	18 14	2 28	7 28	1 36	5 54	1 5	11 47	1 39	23 17	0 59	19 35	0 3	19 49	1 24	10 55	7 48	2 49	3 19	5 33		n.a.
S 18	9 3	4 50	0 23	18 42	2 30	7 2	1 38	5 48	1 2	11 48	1 39	23 17	0 59	19 36	0 3	19 49	1 24	10 56	7 47	2 49	3 20	5 36		n.a.
S 19	9 25	2n26	0n59	19 7	2 31	6 36	1 39	5 43	0 59	11 49	1 38	23 16	0 59	19 37	0 3	19 49	1 24	10 56	7 47	2 49	3 21	5 40		n.a.
M20	9 46	9 37	2 17	19 30	2 31	6 9	1 41	5 38	0 56	11 50	1 38	23 16	0 59	19 37	0 3	19 49	1 24	10 57	7 47	2 50	3 22	5 43		n.a.
T 21	10 7	16 16	3 26	19 51	2 31	5 42	1 42	5 32	0 53	11 51	1 38	23 15	0 59	19 38	0 3	19 48	1 24	10 57	7 47	2 51	3 24	5 46		n.a.
W22	10 29	21 53	4 20	20 9	2 29	5 15	1 43	5 27	0 50	11 51	1 38	23 15	0 59	19 39	0 3	19 48	1 24	10 58	7 47	2 53	3 25	5 50		n.a.
T 23	10 49	26 0	4 55	20 25	2 27	4 48	1 44	5 22	0 47	11 52	1 37	23 15	0 59	19 40	0 3	19 48	1 24	10 58	7 47	2 55	3 26	5 53		n.a.
F 24	11 10	28 22	5 11	20 39	2 23	4 20	1 45	5 17	0 43	11 52	1 37	23 14	0 59	19 40	0 3	19 48	1 24	10 58	7 47	2 57	3 27	5 57		n.a.
S 25	11 31	28 51	5 7	20 50	2 19	3 53	1 46	5 13	0 40	11 53	1 37	23 14	0 59	19 41	0 3	19 47	1 24	10 59	7 47	2 59	3 29	6 0		n.a.
S 26	11 51	27 35	4 47	21 0	2 14	3 25	1 47	5 8	0 37	11 53	1 37	23 13	0 59	19 42	0 3	19 47	1 24	10 59	7 46	3 0	3 30	6 3		n.a.
M27	12 11	24 52	4 13	21 7	2 8	2 57	1 47	5 4	0 34	11 54	1 36	23 13	0 59	19 43	0 3	19 47	1 24	11 0	7 46	3 0	3 31	6 7		n.a.
T 28	12 31	21 2	3 27	21 12	2 2	2 30	1 48	5 0	0 31	11 54	1 36	23 12	0 59	19 44	0 3	19 46	1 24	11 0	7 46	3 0	3 33	6 10		n.a.
W29	12 51	16 22	2 33	21 14	1 54	2 2	1 48	4 56	0 28	11 54	1 36	23 12	0 59	19 44	0 3	19 46	1 25	11 1	7 46	3 0	3 34	6 14		n.a.
T 30	13n11	11n10	1n33	21n15	1n45	1s33	1s49	4s52	0n24	11n54	1n36	23n11	0n59	19n45	0s 3	19s46	1n25	11n 1	7s46	2s59	3s35	6s17		n.a.

Julian Day Number = 1604268.5, Delta T = 03h57m14s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°30'01, Lahiri = - 8°23'00 Julian Calendar 1 Apr. 321 BCE == Greg. Calendar 27 March 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

MAY 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 18 2	5♉27'52	17♍ 4	26♉47	1♈26	12°R50	3°R17	20♋ 7	27♉22	3°R39	22♉ 9	22°R36	21♓ 1	11♎40	n.a.	F 1
S 2	14 21 59	6°25'11	28°52	27°16	2°37	12♎34	3♍17	20°11	27°25	3♐38	22°11	22♓36	20°58	11°47	n.a.	S 2
S 3	14 25 55	7°22'29	10♎39	27°40	3°48	12°19	3°17	20°14	27°29	3°36	22°12	22°34	20°54	11°53	n.a.	S 3
M 4	14 29 52	8°19'46	22°29	28° 0	4°59	12° 4	3°16	20°18	27°32	3°35	22°13	22°30	20°51	12° 0	n.a.	M 4
T 5	14 33 48	9°17'01	4♏24	28°16	6°10	11°50	3°D16	20°22	27°36	3°34	22°15	22°24	20°48	12° 7	n.a.	T 5
W 6	14 37 45	10°14'16	16°25	28°26	7°22	11°37	3°17	20°26	27°39	3°32	22°16	22°17	20°45	12°13	n.a.	W 6
T 7	14 41 41	11°11'30	28°35	28°32	8°33	11°24	3°17	20°30	27°42	3°31	22°18	22° 8	20°42	12°20	n.a.	T 7
F 8	14 45 38	12° 8'44	10♐54	28°R34	9°44	11°13	3°17	20°35	27°46	3°29	22°19	21°59	20°39	12°27	n.a.	F 8
S 9	14 49 35	13° 5'57	23°25	28°31	10°55	11° 2	3°18	20°39	27°49	3°28	22°20	21°51	20°35	12°33	n.a.	S 9
S 10	14 53 31	14° 3'09	6♑ 7	28°23	12° 6	10°51	3°19	20°43	27°53	3°26	22°22	21°44	20°32	12°40	n.a.	S 10
M11	14 57 28	15° 0'21	19° 3	28°12	13°18	10°42	3°20	20°48	27°56	3°25	22°23	21°39	20°29	12°47	n.a.	M11
T 12	15 1 24	15°57'33	2♒14	27°56	14°29	10°33	3°21	20°52	28° 0	3°23	22°25	21°36	20°26	12°53	n.a.	T 12
W13	15 5 21	16°54'44	15°42	27°37	15°41	10°25	3°23	20°57	28° 3	3°22	22°26	21°D35	20°23	13° 0	n.a.	W13
T 14	15 9 17	17°51'55	29°29	27°14	16°52	10°18	3°24	21° 1	28° 7	3°20	22°27	21°35	20°19	13° 7	n.a.	T 14
F 15	15 13 14	18°49'06	13♓36	26°48	18° 3	10°12	3°26	21° 6	28°10	3°19	22°29	21°36	20°16	13°13	n.a.	F 15
S 16	15 17 10	19°46'16	28° 2	26°19	19°15	10° 7	3°28	21°11	28°14	3°17	22°30	21°R36	20°13	13°20	n.a.	S 16
S 17	15 21 7	20°43'26	12♈44	25°48	20°27	10° 2	3°30	21°16	28°18	3°15	22°32	21°34	20°10	13°27	n.a.	S 17
M18	15 25 4	21°40'36	27°37	25°16	21°38	9°59	3°32	21°21	28°21	3°14	22°33	21°30	20° 7	13°33	n.a.	M18
T 19	15 29 0	22°37'46	12♉35	24°42	22°50	9°56	3°35	21°26	28°25	3°12	22°35	21°24	20° 4	13°40	n.a.	T 19
W20	15 32 57	23°34'55	27°29	24° 8	24° 2	9°54	3°37	21°31	28°28	3°11	22°36	21°15	20° 0	13°47	n.a.	W20
T 21	15 36 53	24°32'04	12♊10	23°33	25°13	9°52	3°40	21°36	28°32	3° 9	22°37	21° 6	19°57	13°53	n.a.	T 21
F 22	15 40 50	25°29'13	26°29	22°59	26°25	9°D52	3°43	21°41	28°35	3° 8	22°39	20°57	19°54	14° 0	n.a.	F 22
S 23	15 44 46	26°26'21	10♋23	22°27	27°37	9°53	3°46	21°47	28°39	3° 6	22°40	20°48	19°51	14° 7	n.a.	S 23
S 24	15 48 43	27°23'29	23°50	21°56	28°49	9°54	3°50	21°52	28°43	3° 4	22°42	20°42	19°48	14°13	n.a.	S 24
M25	15 52 40	28°20'36	6♌49	21°27	0♉ 0	9°56	3°53	21°58	28°46	3° 3	22°43	20°38	19°45	14°20	n.a.	M25
T 26	15 56 36	29°17'43	19°25	21° 1	1°12	9°59	3°57	22° 3	28°50	3° 1	22°45	20°35	19°41	14°27	n.a.	T 26
W27	16 0 33	0♊14'50	1♍41	20°38	2°24	10° 3	4° 1	22° 9	28°53	2°59	22°46	20°D35	19°38	14°33	n.a.	W27
T 28	16 4 29	1°11'56	13°42	20°19	3°36	10° 7	4° 5	22°14	28°57	2°58	22°47	20°35	19°35	14°40	n.a.	T 28
F 29	16 8 26	2° 9'01	25°34	20° 3	4°48	10°13	4° 9	22°20	29° 0	2°56	22°49	20°R35	19°32	14°47	n.a.	F 29
S 30	16 12 22	3° 6'07	7♎22	19°52	6° 0	10°19	4°13	22°26	29° 4	2°55	22°50	20°34	19°29	14°53	n.a.	S 30
S 31	16 16 19	4♊ 3'12	19♎10	19♉46	7♉12	10♎26	4♍17	22♋32	29♉ 8	2♐53	22♉52	20♓31	19♓25	15♎ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n30	5n38	0n30	21n14	1n36	1s 5	1s49	4s48	0n21	11n54	1n35	23n11	0n59	19n46	0s 3	19s46	1n25	11n 2	7s46	2s58	3s36	6s20		n.a.
S 2	13 50	0s 4	0s34	21 11	1 25	0 37	1 50	4 45	0 18	11 54	1 35	23 10	0 59	19 47	0 3	19 45	1 25	11 2	7 46	2 59	3 38	6 24		n.a.
S 3	14 9	5 45	1 36	21 5	1 14	0 9	1 50	4 42	0 15	11 54	1 35	23 9	0 59	19 47	0 3	19 45	1 25	11 2	7 46	2 59	3 39	6 27		n.a.
M 4	14 27	11 14	2 35	20 58	1 2	0n20	1 50	4 39	0 12	11 54	1 35	23 9	0 59	19 48	0 3	19 45	1 25	11 3	7 46	3 1	3 40	6 31		n.a.
T 5	14 46	16 22	3 26	20 49	0 49	0 48	1 50	4 36	0 9	11 54	1 34	23 8	0 59	19 49	0 3	19 45	1 25	11 3	7 46	3 3	3 41	6 34		n.a.
W 6	15 4	20 55	4 9	20 38	0 36	1 17	1 50	4 34	0 6	11 53	1 34	23 8	0 59	19 50	0 3	19 44	1 25	11 4	7 46	3 6	3 43	6 37		n.a.
T 7	15 22	24 40	4 41	20 26	0 21	1 45	1 50	4 32	0 3	11 53	1 34	23 7	0 59	19 51	0 3	19 44	1 25	11 4	7 45	3 10	3 44	6 41		n.a.
F 8	15 40	27 19	5 1	20 11	0 6	2 14	1 49	4 30	0s 1	11 52	1 33	23 6	0 59	19 51	0 3	19 44	1 25	11 5	7 45	3 13	3 45	6 44		n.a.
S 9	15 58	28 40	5 6	19 56	0s 9	2 42	1 49	4 28	0 4	11 52	1 33	23 6	0 59	19 52	0 3	19 43	1 25	11 5	7 45	3 16	3 46	6 48		n.a.
S 10	16 15	28 32	4 57	19 38	0 25	3 11	1 49	4 27	0 7	11 51	1 33	23 5	0 59	19 53	0 3	19 43	1 25	11 5	7 45	3 19	3 48	6 51		n.a.
M11	16 32	26 51	4 32	19 20	0 42	3 39	1 48	4 26	0 9	11 51	1 33	23 4	0 59	19 54	0 3	19 43	1 25	11 6	7 45	3 21	3 49	6 54		n.a.
T 12	16 49	23 41	3 53	19 0	0 58	4 7	1 48	4 25	0 12	11 50	1 32	23 4	0 59	19 55	0 3	19 43	1 25	11 6	7 45	3 22	3 50	6 58		n.a.
W13	17 6	19 11	3 0	18 39	1 15	4 36	1 47	4 25	0 15	11 49	1 32	23 3	0 59	19 55	0 3	19 42	1 25	11 7	7 45	3 23	3 51	7 1		n.a.
T 14	17 22	13 36	1 56	18 18	1 32	5 4	1 47	4 24	0 18	11 48	1 32	23 2	0 59	19 56	0 3	19 42	1 25	11 7	7 45	3 23	3 53	7 4		n.a.
F 15	17 38	7 11	0 43	17 55	1 49	5 32	1 46	4 25	0 21	11 48	1 32	23 1	0 59	19 57	0 3	19 42	1 25	11 7	7 45	3 22	3 54	7 8		n.a.
S 16	17 54	0 16	0n34	17 33	2 5	6 1	1 45	4 25	0 24	11 47	1 31	23 1	0 59	19 58	0 3	19 41	1 25	11 8	7 45	3 22	3 55	7 11		n.a.
S 17	18 9	6n47	1 51	17 10	2 21	6 29	1 44	4 26	0 26	11 46	1 31	23 0	0 59	19 59	0 3	19 41	1 25	11 8	7 45	3 23	3 57	7 15		n.a.
M18	18 25	13 33	3 0	16 47	2 37	6 57	1 43	4 27	0 29	11 44	1 31	22 59	0 59	20 0	0 3	19 41	1 25	11 9	7 45	3 25	3 58	7 18		n.a.
T 19	18 39	19 34	3 57	16 24	2 52	7 24	1 42	4 28	0 32	11 43	1 31	22 58	0 59	20 0	0 3	19 40	1 25	11 9	7 45	3 27	3 59	7 21		n.a.
W20	18 54	24 21	4 38	16 2	3 6	7 52	1 41	4 29	0 34	11 42	1 30	22 57	0 59	20 1	0 3	19 40	1 25	11 9	7 45	3 30	4 0	7 25		n.a.
T 21	19 8	27 29	5 0	15 41	3 18	8 20	1 40	4 31	0 37	11 41	1 30	22 57	0 59	20 2	0 3	19 40	1 25	11 10	7 45	3 34	4 2	7 28		n.a.
F 22	19 22	28 44	5 2	15 22	3 30	8 47	1 39	4 33	0 39	11 39	1 30	22 56	0 59	20 3	0 3	19 39	1 25	11 10	7 45	3 38	4 3	7 31		n.a.
S 23	19 36	28 5	4 46	15 3	3 41	9 14	1 37	4 36	0 42	11 38	1 30	22 55	0 59	20 4	0 3	19 39	1 25	11 11	7 45	3 41	4 4	7 35		n.a.
S 24	19 49	25 47	4 15	14 46	3 50	9 41	1 36	4 39	0 44	11 37	1 29	22 54	0 59	20 4	0 3	19 39	1 25	11 11	7 45	3 44	4 5	7 38		n.a.
M25	20 2	22 12	3 31	14 31	3 58	10 8	1 35	4 42	0 47	11 35	1 29	22 53	0 59	20 5	0 3	19 39	1 25	11 11	7 44	3 46	4 7	7 42		n.a.
T 26	20 15	17 41	2 38	14 18	4 5	10 35	1 33	4 45	0 49	11 34	1 29	22 52	0 59	20 6	0 3	19 38	1 25	11 12	7 44	3 46	4 8	7 45		n.a.
W27	20 27	12 33	1 39	14 7	4 10	11 2	1 32	4 49	0 51	11 32	1 28	22 51	0 59	20 7	0 3	19 38	1 25	11 12	7 44	3 47	4 9	7 48		n.a.
T 28	20 39	7 3	0 37	13 58	4 14	11 28	1 30	4 53	0 54	11 30	1 28	22 50	0 59	20 8	0 3	19 38	1 25	11 12	7 44	3 46	4 10	7 52		n.a.
F 29	20 51	1 23	0s26	13 51	4 17	11 54	1 28	4 57	0 56	11 28	1 28	22 49	0 59	20 8	0 3	19 37	1 25	11 13	7 44	3 46	4 12	7 55		n.a.
S 30	21 2	4s18	1 28	13 47	4 18	12 20	1 27	5 1	0 58	11 27	1 28	22 48	0 59	20 9	0 3	19 37	1 25	11 13	7 44	3 47	4 13	7 58		n.a.
S 31	21n13	9s50	2s26	13n46	4s17	12n45	1s25	5s 6	1s 0	11n25	1n27	22n48	0n59	20n10	0s 3	19s37	1n25	11n14	7s44	3s48	4s14	8s 2		n.a.

Julian Day Number = 1604298.5, Delta T = 03h57m13s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'57, Lahiri = - 8°22'56 Julian Calendar 1 May 321 BCE == Greg. Calendar 26 Apr. 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

JUNE 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 20 15	5♊ 0'17	1♏ 4	19°D44	8♉24	10♎33	4♍22	22♋38	29♉11	2°R51	22♉53	20°R25	19♓22	15♎ 7	n.a.	M 1
T 2	16 24 12	5°57'21	13° 5	19♉47	9°36	10°42	4°27	22°44	29°15	2♐50	22°54	20♓16	19°19	15°13	n.a.	T 2
W 3	16 28 9	6°54'26	25°17	19°54	10°48	10°51	4°32	22°50	29°18	2°48	22°56	20° 6	19°16	15°20	n.a.	W 3
T 4	16 32 5	7°51'31	7♐40	20° 7	12° 1	11° 1	4°37	22°56	29°22	2°47	22°57	19°54	19°13	15°27	n.a.	T 4
F 5	16 36 2	8°48'37	20°15	20°25	13°13	11°11	4°42	23° 2	29°25	2°45	22°59	19°41	19°10	15°33	n.a.	F 5
S 6	16 39 58	9°45'42	3♑ 3	20°48	14°25	11°22	4°47	23° 8	29°29	2°43	23° 0	19°29	19° 6	15°40	n.a.	S 6
S 7	16 43 55	10°42'48	16° 3	21°16	15°37	11°34	4°53	23°14	29°32	2°42	23° 1	19°19	19° 3	15°47	n.a.	S 7
M 8	16 47 51	11°39'54	29°14	21°50	16°50	11°47	4°58	23°20	29°36	2°40	23° 3	19°11	19° 0	15°53	n.a.	M 8
T 9	16 51 48	12°37'01	12♒37	22°28	18° 2	12° 0	5° 4	23°27	29°39	2°39	23° 4	19° 6	18°57	16° 0	n.a.	T 9
W10	16 55 44	13°34'08	26°11	23°11	19°15	12°14	5°10	23°33	29°43	2°37	23° 5	19° 3	18°54	16° 7	n.a.	W10
T 11	16 59 41	14°31'16	9♓58	23°59	20°27	12°28	5°16	23°39	29°46	2°35	23° 7	19° 3	18°51	16°13	n.a.	T 11
F 12	17 3 38	15°28'25	23°58	24°52	21°40	12°44	5°23	23°46	29°50	2°34	23° 8	19° 3	18°47	16°20	n.a.	F 12
S 13	17 7 34	16°25'34	8♈10	25°50	22°52	12°59	5°29	23°52	29°53	2°32	23° 9	19° 2	18°44	16°27	n.a.	S 13
S 14	17 11 31	17°22'44	22°34	26°53	24° 5	13°16	5°35	23°59	29°57	2°31	23°11	19° 0	18°41	16°33	n.a.	S 14
M15	17 15 27	18°19'55	7♉ 6	28° 1	25°17	13°33	5°42	24° 6	0♊ 0	2°29	23°12	18°54	18°38	16°40	n.a.	M15
T 16	17 19 24	19°17'07	21°42	29°13	26°30	13°50	5°49	24°12	0° 4	2°28	23°13	18°47	18°35	16°47	n.a.	T 16
W17	17 23 20	20°14'19	6♊15	0♊29	27°43	14° 8	5°56	24°19	0° 7	2°26	23°15	18°37	18°31	16°53	n.a.	W17
T 18	17 27 17	21°11'32	20°39	1°50	28°55	14°27	6° 3	24°26	0°11	2°25	23°16	18°25	18°28	17° 0	n.a.	T 18
F 19	17 31 14	22° 8'46	4♋47	3°16	0♊ 8	14°46	6°10	24°33	0°14	2°23	23°17	18°14	18°25	17° 7	n.a.	F 19
S 20	17 35 10	23° 6'01	18°33	4°46	1°21	15° 6	6°17	24°39	0°17	2°22	23°18	18° 3	18°22	17°13	n.a.	S 20
S 21	17 39 7	24° 3'16	1♌55	6°20	2°34	15°27	6°25	24°46	0°21	2°20	23°20	17°55	18°19	17°20	n.a.	S 21
M22	17 43 3	25° 0'31	14°53	7°57	3°47	15°48	6°32	24°53	0°24	2°19	23°21	17°49	18°16	17°27	n.a.	M22
T 23	17 47 0	25°57'47	27°29	9°39	5° 0	16° 9	6°40	25° 0	0°27	2°17	23°22	17°46	18°12	17°33	n.a.	T 23
W24	17 50 56	26°55'03	9♍45	11°24	6°12	16°31	6°48	25° 7	0°31	2°16	23°23	17°44	18° 9	17°40	n.a.	W24
T 25	17 54 53	27°52'20	21°47	13°12	7°25	16°53	6°56	25°14	0°34	2°14	23°25	17°44	18° 6	17°47	n.a.	T 25
F 26	17 58 49	28°49'38	3♎40	15° 4	8°38	17°16	7° 4	25°21	0°37	2°13	23°26	17°44	18° 3	17°53	n.a.	F 26
S 27	18 2 46	29°46'56	15°30	16°58	9°51	17°40	7°12	25°28	0°40	2°12	23°27	17°43	18° 0	18° 0	n.a.	S 27
S 28	18 6 43	0♋44'15	27°20	18°55	11° 5	18° 4	7°20	25°35	0°44	2°10	23°28	17°41	17°57	18° 6	n.a.	S 28
M29	18 10 39	1°41'34	9♏17	20°54	12°18	18°28	7°29	25°42	0°47	2° 9	23°29	17°35	17°53	18°13	n.a.	M29
T 30	18 14 36	2♋38'55	21♏25	22♊55	13♊31	18♎53	7♍37	25♋50	0♊50	2♐ 7	23♉30	17♓28	17♓50	18♎20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n24	15s 4	3s17	13n47	4s16	13n10	1s23	5s11	1s 2	11n23	1n27	22n47	0n59	20n11	0s 3	19s36	1n25	11n14	7s44	3s51	4s15	8s 5		n.a.
T 2	21 34	19 46	4 0	13 50	4 13	13 35	1 21	5 16	1 4	11 21	1 27	22 46	0 59	20 12	0 3	19 36	1 25	11 14	7 44	3 54	4 17	8 8		n.a.
W 3	21 44	23 44	4 33	13 56	4 9	14 0	1 19	5 21	1 6	11 19	1 27	22 45	0 59	20 12	0 3	19 36	1 25	11 15	7 44	3 58	4 18	8 12		n.a.
T 4	21 53	26 41	4 54	14 5	4 4	14 24	1 17	5 27	1 8	11 17	1 26	22 44	0 59	20 13	0 3	19 36	1 25	11 15	7 44	4 3	4 19	8 15		n.a.
F 5	22 3	28 22	5 1	14 15	3 58	14 48	1 15	5 33	1 10	11 14	1 26	22 42	0 59	20 14	0 3	19 35	1 25	11 15	7 44	4 8	4 20	8 18		n.a.
S 6	22 11	28 34	4 52	14 28	3 51	15 12	1 13	5 39	1 12	11 12	1 26	22 41	0 59	20 15	0 3	19 35	1 25	11 16	7 44	4 13	4 22	8 22		n.a.
S 7	22 20	27 12	4 29	14 43	3 43	15 35	1 11	5 46	1 14	11 10	1 26	22 40	0 59	20 15	0 3	19 35	1 25	11 16	7 44	4 17	4 23	8 25		n.a.
M 8	22 28	24 20	3 51	15 0	3 34	15 58	1 9	5 52	1 16	11 8	1 26	22 39	0 59	20 16	0 3	19 34	1 24	11 16	7 44	4 20	4 24	8 28		n.a.
T 9	22 35	20 6	3 0	15 19	3 25	16 21	1 7	5 59	1 17	11 5	1 25	22 38	0 59	20 17	0 3	19 34	1 24	11 17	7 44	4 22	4 26	8 32		n.a.
W10	22 43	14 47	1 58	15 40	3 15	16 43	1 5	6 6	1 19	11 3	1 25	22 37	0 59	20 18	0 3	19 34	1 24	11 17	7 44	4 23	4 27	8 35		n.a.
T 11	22 50	8 40	0 48	16 2	3 4	17 5	1 3	6 13	1 21	11 0	1 25	22 36	0 59	20 19	0 3	19 33	1 24	11 17	7 44	4 23	4 28	8 38		n.a.
F 12	22 56	2 2	0n26	16 26	2 53	17 26	1 0	6 21	1 22	10 58	1 25	22 35	0 59	20 19	0 3	19 33	1 24	11 18	7 44	4 23	4 29	8 42		n.a.
S 13	23 2	4n48	1 39	16 51	2 41	17 47	0 58	6 29	1 24	10 55	1 24	22 34	0 59	20 20	0 3	19 33	1 24	11 18	7 44	4 24	4 31	8 45		n.a.
S 14	23 8	11 28	2 47	17 17	2 29	18 7	0 56	6 36	1 25	10 53	1 24	22 33	0 59	20 21	0 3	19 33	1 24	11 18	7 44	4 24	4 32	8 48		n.a.
M15	23 13	17 35	3 45	17 45	2 16	18 28	0 53	6 45	1 27	10 50	1 24	22 32	0 59	20 22	0 3	19 32	1 24	11 18	7 44	4 26	4 33	8 52		n.a.
T 16	23 18	22 43	4 28	18 13	2 3	18 47	0 51	6 53	1 28	10 47	1 24	22 30	0 59	20 22	0 3	19 32	1 24	11 19	7 44	4 30	4 34	8 55		n.a.
W17	23 22	26 26	4 54	18 42	1 50	19 6	0 49	7 1	1 30	10 44	1 23	22 29	0 59	20 23	0 3	19 32	1 24	11 19	7 45	4 34	4 36	8 58		n.a.
T 18	23 26	28 24	5 0	19 12	1 37	19 25	0 46	7 10	1 31	10 42	1 23	22 28	0 59	20 24	0 3	19 31	1 24	11 19	7 45	4 38	4 37	9 2		n.a.
F 19	23 30	28 27	4 48	19 42	1 24	19 43	0 44	7 19	1 33	10 39	1 23	22 27	0 59	20 25	0 3	19 31	1 24	11 20	7 45	4 43	4 38	9 5		n.a.
S 20	23 33	26 43	4 19	20 12	1 11	20 1	0 41	7 28	1 34	10 36	1 23	22 26	0 59	20 25	0 3	19 31	1 24	11 20	7 45	4 47	4 39	9 8		n.a.
S 21	23 36	23 30	3 37	20 41	0 57	20 18	0 39	7 37	1 35	10 33	1 23	22 24	0 59	20 26	0 3	19 31	1 24	11 20	7 45	4 50	4 41	9 12		n.a.
M22	23 38	19 11	2 45	21 11	0 44	20 34	0 36	7 46	1 37	10 30	1 22	22 23	0 59	20 27	0 3	19 30	1 24	11 20	7 45	4 52	4 42	9 15		n.a.
T 23	23 40	14 8	1 45	21 39	0 31	20 50	0 34	7 56	1 38	10 27	1 22	22 22	0 59	20 27	0 3	19 30	1 24	11 21	7 45	4 54	4 43	9 18		n.a.
W24	23 42	8 39	0 42	22 7	0 19	21 6	0 31	8 6	1 39	10 23	1 22	22 21	0 59	20 28	0 3	19 30	1 24	11 21	7 45	4 54	4 44	9 21		n.a.
T 25	23 43	2 58	0s21	22 34	0 6	21 21	0 29	8 16	1 40	10 20	1 22	22 19	0 59	20 29	0 3	19 30	1 24	11 21	7 45	4 54	4 46	9 25		n.a.
F 26	23 44	2s45	1 23	22 59	0n 6	21 35	0 26	8 26	1 42	10 17	1 22	22 18	0 59	20 29	0 3	19 29	1 24	11 21	7 45	4 54	4 47	9 28		n.a.
S 27	23 44	8 21	2 22	23 22	0 17	21 49	0 24	8 36	1 43	10 14	1 21	22 17	0 59	20 30	0 3	19 29	1 24	11 22	7 45	4 55	4 48	9 31		n.a.
S 28	23 44	13 39	3 14	23 44	0 28	22 2	0 21	8 46	1 44	10 10	1 21	22 16	0 59	20 31	0 3	19 29	1 24	11 22	7 45	4 56	4 49	9 35		n.a.
M29	23 44	18 31	3 58	24 4	0 39	22 15	0 18	8 56	1 45	10 7	1 21	22 14	0 59	20 32	0 3	19 29	1 24	11 22	7 45	4 58	4 51	9 38		n.a.
T 30	23n43	22s42	4s31	24n21	0n48	22n27	0s16	9s 7	1s46	10n 4	1n21	22n13	0n59	20n32	0s 3	19s28	1n24	11n22	7s45	5s 1	4s52	9s41		n.a.

Julian Day Number = 1604329.5, Delta T = 03h57m12s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'52, Lahiri = - 8°22'52 Julian Calendar 1 June 321 BCE == Greg. Calendar 27 May 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

JULY 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 18 32	3♋36'16	3♐46	24♊57	14♊44	19♎18	7♍46	25♋57	0♊53	2°R 6	23♉32	17°R18	17♓47	18♎26	n.a.	W 1
T 2	18 22 29	4°33'38	16°22	27° 0	15°57	19°44	7°54	26° 4	0°56	2♐ 5	23°33	17♓ 6	17°44	18°33	n.a.	T 2
F 3	18 26 25	5°31'01	29°14	29° 4	17°10	20°10	8° 3	26°11	0°59	2° 4	23°34	16°54	17°41	18°40	n.a.	F 3
S 4	18 30 22	6°28'25	12♑22	1♌ 9	18°24	20°36	8°12	26°19	1° 2	2° 2	23°35	16°43	17°37	18°46	n.a.	S 4
S 5	18 34 18	7°25'51	25°43	3°14	19°37	21° 3	8°21	26°26	1° 6	2° 1	23°36	16°34	17°34	18°53	n.a.	S 5
M 6	18 38 15	8°23'18	9♒17	5°18	20°50	21°30	8°30	26°33	1° 9	2° 0	23°37	16°26	17°31	19° 0	n.a.	M 6
T 7	18 42 12	9°20'45	23° 0	7°23	22° 4	21°58	8°40	26°40	1°12	1°59	23°38	16°22	17°28	19° 7	n.a.	T 7
W 8	18 46 8	10°18'15	6♓51	9°26	23°17	22°26	8°49	26°48	1°15	1°57	23°39	16°20	17°25	19°13	n.a.	W 8
T 9	18 50 5	11°15'45	20°49	11°29	24°31	22°54	8°58	26°55	1°17	1°56	23°40	16°D20	17°22	19°20	n.a.	T 9
F 10	18 54 1	12°13'18	4♈52	13°32	25°44	23°23	9° 8	27° 3	1°20	1°55	23°41	16°20	17°18	19°27	n.a.	F 10
S 11	18 57 58	13°10'52	19° 0	15°33	26°58	23°52	9°18	27°10	1°23	1°54	23°42	16°R20	17°15	19°33	n.a.	S 11
S 12	19 1 54	14° 8'27	3♉11	17°33	28°11	24°21	9°27	27°17	1°26	1°53	23°43	16°19	17°12	19°40	n.a.	S 12
M13	19 5 51	15° 6'04	17°24	19°32	29°25	24°51	9°37	27°25	1°29	1°52	23°44	16°15	17° 9	19°47	n.a.	M13
T 14	19 9 47	16° 3'43	1♊36	21°29	0♋39	25°21	9°47	27°32	1°32	1°51	23°45	16° 9	17° 6	19°53	n.a.	T 14
W15	19 13 44	17° 1'24	15°44	23°25	1°52	25°52	9°57	27°40	1°35	1°50	23°46	16° 1	17° 3	20° 0	n.a.	W15
T 16	19 17 41	17°59'06	29°42	25°20	3° 6	26°23	10° 7	27°47	1°37	1°49	23°47	15°52	16°59	20° 7	n.a.	T 16
F 17	19 21 37	18°56'50	13♋27	27°14	4°20	26°54	10°18	27°55	1°40	1°48	23°48	15°42	16°56	20°13	n.a.	F 17
S 18	19 25 34	19°54'36	26°56	29° 6	5°34	27°25	10°28	28° 2	1°43	1°47	23°49	15°34	16°53	20°20	n.a.	S 18
S 19	19 29 30	20°52'22	10♌ 5	0♌57	6°48	27°57	10°38	28°10	1°45	1°46	23°50	15°27	16°50	20°27	n.a.	S 19
M20	19 33 27	21°50'10	22°55	2°46	8° 2	28°29	10°49	28°18	1°48	1°45	23°50	15°22	16°47	20°33	n.a.	M20
T 21	19 37 23	22°48'00	5♍25	4°34	9°16	29° 1	10°59	28°25	1°50	1°44	23°51	15°20	16°43	20°40	n.a.	T 21
W22	19 41 20	23°45'51	17°40	6°21	10°30	29°34	11°10	28°33	1°53	1°43	23°52	15°D19	16°40	20°47	n.a.	W22
T 23	19 45 17	24°43'43	29°41	8° 6	11°43	0♏ 7	11°21	28°40	1°55	1°42	23°53	15°20	16°37	20°53	n.a.	T 23
F 24	19 49 13	25°41'37	11♎34	9°50	12°58	0°40	11°32	28°48	1°58	1°42	23°54	15°21	16°34	21° 0	n.a.	F 24
S 25	19 53 10	26°39'32	23°24	11°33	14°12	1°14	11°42	28°55	2° 0	1°41	23°54	15°R22	16°31	21° 7	n.a.	S 25
S 26	19 57 6	27°37'28	5♏16	13°14	15°26	1°47	11°53	29° 3	2° 3	1°40	23°55	15°22	16°28	21°13	n.a.	S 26
M27	20 1 3	28°35'26	17°14	14°54	16°40	2°21	12° 4	29°11	2° 5	1°39	23°56	15°20	16°24	21°20	n.a.	M27
T 28	20 4 59	29°33'25	29°24	16°32	17°54	2°56	12°15	29°18	2° 7	1°39	23°57	15°16	16°21	21°27	n.a.	T 28
W29	20 8 56	0♌31'26	11♐50	18°10	19° 8	3°30	12°27	29°26	2°10	1°38	23°57	15°10	16°18	21°33	n.a.	W29
T 30	20 12 52	1°29'29	24°35	19°45	20°22	4° 5	12°38	29°33	2°12	1°37	23°58	15° 4	16°15	21°40	n.a.	T 30
F 31	20 16 49	2♌27'33	7♑39	21♌20	21♋37	4♏40	12♍49	29♋41	2♊14	1♐37	23♉59	14♓56	16♓12	21♎47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n41	25s58	4s53	24n36	0n57	22n38	0s13	9s18	1s47	10n 0	1n21	22n12	0n59	20n33	0s 3	19s28	1n24	11n23	7s45	5s 5	4s53	9s44			n.a.
T 2	23 39	28 2	5 2	24 48	1 6	22 48	0 11	9 28	1 48	9 57	1 20	22 10	1 0	20 34	0 3	19 28	1 24	11 23	7 45	5 9	4 54	9 48			n.a.
F 3	23 37	28 39	4 55	24 57	1 13	22 58	0 8	9 39	1 49	9 53	1 20	22 9	1 0	20 34	0 3	19 28	1 24	11 23	7 45	5 14	4 56	9 51			n.a.
S 4	23 35	27 40	4 32	25 4	1 20	23 8	0 6	9 50	1 50	9 50	1 20	22 8	1 0	20 35	0 3	19 28	1 24	11 23	7 45	5 18	4 57	9 54			n.a.
S 5	23 31	25 6	3 55	25 8	1 26	23 16	0 3	10 1	1 51	9 46	1 20	22 6	1 0	20 35	0 3	19 27	1 24	11 23	7 45	5 22	4 58	9 58			n.a.
M 6	23 28	21 6	3 3	25 9	1 32	23 24	0 1	10 12	1 52	9 42	1 20	22 5	1 0	20 36	0 3	19 27	1 24	11 24	7 46	5 25	4 59	10 1			n.a.
T 7	23 24	15 55	2 1	25 8	1 36	23 32	0n 2	10 24	1 53	9 39	1 19	22 3	1 0	20 37	0 2	19 27	1 24	11 24	7 46	5 27	5 1	10 4			n.a.
W 8	23 20	9 53	0 50	25 3	1 40	23 38	0 5	10 35	1 54	9 35	1 19	22 2	1 0	20 37	0 2	19 27	1 24	11 24	7 46	5 28	5 2	10 7			n.a.
T 9	23 15	3 19	0n24	24 56	1 43	23 44	0 7	10 47	1 54	9 31	1 19	22 1	1 0	20 38	0 2	19 26	1 24	11 24	7 46	5 28	5 3	10 11			n.a.
F 10	23 10	3n26	1 37	24 47	1 45	23 50	0 10	10 58	1 55	9 27	1 19	21 59	1 0	20 39	0 2	19 26	1 24	11 24	7 46	5 27	5 4	10 14			n.a.
S 11	23 4	10 4	2 45	24 35	1 47	23 54	0 12	11 10	1 56	9 24	1 19	21 58	1 0	20 39	0 2	19 26	1 24	11 24	7 46	5 27	5 6	10 17			n.a.
S 12	22 59	16 13	3 43	24 21	1 48	23 58	0 15	11 22	1 57	9 20	1 18	21 56	1 0	20 40	0 2	19 26	1 23	11 25	7 46	5 28	5 7	10 20			n.a.
M13	22 52	21 30	4 27	24 4	1 48	24 1	0 17	11 33	1 57	9 16	1 18	21 55	1 0	20 40	0 2	19 26	1 23	11 25	7 46	5 29	5 8	10 24			n.a.
T 14	22 45	25 33	4 55	23 46	1 47	24 3	0 19	11 45	1 58	9 12	1 18	21 54	1 0	20 41	0 2	19 26	1 23	11 25	7 46	5 32	5 9	10 27			n.a.
W15	22 38	28 0	5 4	23 25	1 47	24 5	0 22	11 57	1 59	9 8	1 18	21 52	1 0	20 42	0 2	19 25	1 23	11 25	7 46	5 35	5 11	10 30			n.a.
T 16	22 31	28 40	4 56	23 3	1 45	24 6	0 24	12 9	1 59	9 4	1 18	21 51	1 0	20 42	0 2	19 25	1 23	11 25	7 46	5 39	5 12	10 33			n.a.
F 17	22 23	27 31	4 30	22 39	1 43	24 6	0 26	12 21	2 0	9 0	1 18	21 49	1 0	20 43	0 2	19 25	1 23	11 25	7 46	5 42	5 13	10 37			n.a.
S 18	22 14	24 47	3 49	22 14	1 40	24 6	0 29	12 33	2 1	8 56	1 18	21 48	1 0	20 43	0 2	19 25	1 23	11 25	7 47	5 46	5 14	10 40			n.a.
S 19	22 6	20 47	2 57	21 47	1 37	24 5	0 31	12 45	2 1	8 52	1 17	21 46	1 0	20 44	0 2	19 25	1 23	11 25	7 47	5 48	5 16	10 43			n.a.
M20	21 56	15 54	1 57	21 18	1 34	24 3	0 33	12 58	2 2	8 47	1 17	21 45	1 1	20 44	0 2	19 25	1 23	11 26	7 47	5 50	5 17	10 46			n.a.
T 21	21 47	10 28	0 53	20 49	1 30	24 0	0 36	13 10	2 2	8 43	1 17	21 43	1 1	20 45	0 2	19 25	1 23	11 26	7 47	5 51	5 18	10 50			n.a.
W22	21 37	4 45	0s13	20 18	1 26	23 57	0 38	13 22	2 3	8 39	1 17	21 42	1 1	20 45	0 2	19 24	1 23	11 26	7 47	5 51	5 19	10 53			n.a.
T 23	21 27	1s 3	1 17	19 46	1 21	23 52	0 40	13 34	2 3	8 35	1 17	21 40	1 1	20 46	0 2	19 24	1 23	11 26	7 47	5 51	5 21	10 56			n.a.
F 24	21 16	6 43	2 17	19 14	1 16	23 48	0 42	13 47	2 4	8 30	1 17	21 39	1 1	20 46	0 2	19 24	1 23	11 26	7 47	5 51	5 22	10 59			n.a.
S 25	21 5	12 9	3 11	18 40	1 11	23 42	0 44	13 59	2 4	8 26	1 16	21 37	1 1	20 47	0 2	19 24	1 23	11 26	7 47	5 50	5 23	11 2			n.a.
S 26	20 54	17 9	3 57	18 6	1 5	23 36	0 46	14 11	2 5	8 22	1 16	21 36	1 1	20 47	0 2	19 24	1 23	11 26	7 47	5 50	5 24	11 6			n.a.
M27	20 42	21 32	4 33	17 31	0 59	23 29	0 48	14 24	2 5	8 17	1 16	21 34	1 1	20 48	0 2	19 24	1 23	11 26	7 48	5 51	5 26	11 9			n.a.
T 28	20 30	25 6	4 57	16 55	0 53	23 21	0 50	14 36	2 6	8 13	1 16	21 33	1 1	20 48	0 2	19 24	1 23	11 26	7 48	5 53	5 27	11 12			n.a.
W29	20 17	27 34	5 8	16 19	0 46	23 13	0 52	14 49	2 6	8 8	1 16	21 31	1 1	20 49	0 2	19 24	1 23	11 26	7 48	5 55	5 28	11 15			n.a.
T 30	20 4	28 42	5 5	15 42	0 40	23 4	0 54	15 1	2 6	8 4	1 16	21 30	1 1	20 49	0 2	19 24	1 23	11 26	7 48	5 57	5 29	11 19			n.a.
F 31	19n51	28s15	4s45	15n 5	0n33	22n54	0n56	15s13	2s 7	7n59	1n16	21n28	1n 1	20n50	0s 2	19s24	1n23	11n26	7s48	6s 0	5s31	11s22			n.a.

Julian Day Number = 1604359.5, Delta T = 03h57m11s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'48, Lahiri = - 8°22'48 Julian Calendar 1 July 321 BCE == Greg. Calendar 26 June 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

AUGUST 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 20 46	3♌25'39	21♉ 3	22♌54	22♋51	5♏15	13♍ 1	29♋48	2♊16	1°R36	23♉59	14°R49	16♓ 9	21♎53	n.a.	S 1
S 2	20 24 42	4°23'46	4♒46	24°26	24° 5	5°51	13°12	29°56	2°18	1♐36	24° 0	14♓44	16° 5	22° 0	n.a.	S 2
M 3	20 28 39	5°21'56	18°43	25°57	25°20	6°27	13°23	0♌ 4	2°20	1°35	24° 0	14°39	16° 2	22° 7	n.a.	M 3
T 4	20 32 35	6°20'07	2♓52	27°26	26°34	7° 3	13°35	0°11	2°22	1°35	24° 1	14°37	15°59	22°13	n.a.	T 4
W 5	20 36 32	7°18'20	17° 8	28°55	27°48	7°39	13°47	0°19	2°24	1°34	24° 1	14°D37	15°56	22°20	n.a.	W 5
T 6	20 40 28	8°16'36	1♈27	0♍22	29° 3	8°15	13°58	0°26	2°26	1°34	24° 2	14°37	15°53	22°27	n.a.	T 6
F 7	20 44 25	9°14'53	15°46	1°47	0♌17	8°52	14°10	0°34	2°28	1°34	24° 2	14°39	15°49	22°33	n.a.	F 7
S 8	20 48 21	10°13'13	0♉ 1	3°12	1°32	9°28	14°22	0°41	2°30	1°33	24° 3	14°40	15°46	22°40	n.a.	S 8
S 9	20 52 18	11°11'35	14°10	4°35	2°46	10° 5	14°34	0°49	2°32	1°33	24° 3	14°R40	15°43	22°47	n.a.	S 9
M10	20 56 14	12° 9'59	28°13	5°57	4° 1	10°43	14°46	0°56	2°33	1°33	24° 4	14°39	15°40	22°53	n.a.	M10
T 11	21 0 11	13° 8'26	12♊ 7	7°17	5°15	11°20	14°58	1° 4	2°35	1°32	24° 4	14°37	15°37	23° 0	n.a.	T 11
W12	21 4 8	14° 6'54	25°51	8°36	6°30	11°58	15°10	1°11	2°37	1°32	24° 5	14°33	15°34	23° 7	n.a.	W12
T 13	21 8 4	15° 5'26	9♋23	9°53	7°45	12°35	15°22	1°19	2°38	1°32	24° 5	14°29	15°30	23°13	n.a.	T 13
F 14	21 12 1	16° 3'59	22°42	11° 9	8°59	13°13	15°34	1°26	2°40	1°32	24° 5	14°24	15°27	23°20	n.a.	F 14
S 15	21 15 57	17° 2'34	5♌47	12°23	10°14	13°52	15°46	1°33	2°41	1°32	24° 6	14°20	15°24	23°27	n.a.	S 15
S 16	21 19 54	18° 1'12	18°37	13°35	11°29	14°30	15°58	1°41	2°43	1°32	24° 6	14°17	15°21	23°33	n.a.	S 16
M17	21 23 50	18°59'51	1♍12	14°46	12°44	15° 9	16°11	1°48	2°44	1°32	24° 6	14°15	15°18	23°40	n.a.	M17
T 18	21 27 47	19°58'32	13°33	15°55	13°58	15°47	16°23	1°56	2°46	1°D32	24° 6	14°D14	15°15	23°47	n.a.	T 18
W19	21 31 43	20°57'16	25°42	17° 1	15°13	16°26	16°35	2° 3	2°47	1°32	24° 7	14°14	15°11	23°53	n.a.	W19
T 20	21 35 40	21°56'01	7♎40	18° 6	16°28	17° 5	16°48	2°10	2°48	1°32	24° 7	14°16	15° 8	24° 0	n.a.	T 20
F 21	21 39 37	22°54'48	19°32	19° 8	17°43	17°44	17° 0	2°17	2°49	1°32	24° 7	14°17	15° 5	24° 7	n.a.	F 21
S 22	21 43 33	23°53'37	1♏21	20° 8	18°58	18°24	17°13	2°25	2°51	1°32	24° 7	14°19	15° 2	24°13	n.a.	S 22
S 23	21 47 30	24°52'28	13°12	21° 5	20°13	19° 3	17°25	2°32	2°52	1°32	24° 7	14°20	14°59	24°20	n.a.	S 23
M24	21 51 26	25°51'21	25°10	22° 0	21°28	19°43	17°38	2°39	2°53	1°32	24° 8	14°R21	14°55	24°27	n.a.	M24
T 25	21 55 23	26°50'16	7♐19	22°51	22°42	20°23	17°51	2°46	2°54	1°32	24° 8	14°20	14°52	24°33	n.a.	T 25
W26	21 59 19	27°49'12	19°44	23°39	23°57	21° 3	18° 3	2°53	2°55	1°33	24° 8	14°19	14°49	24°40	n.a.	W26
T 27	22 3 16	28°48'11	2♑29	24°23	25°12	21°43	18°16	3° 0	2°56	1°33	24° 8	14°17	14°46	24°47	n.a.	T 27
F 28	22 7 12	29°47'11	15°36	25° 4	26°27	22°24	18°29	3° 8	2°57	1°33	24° 8	14°15	14°43	24°54	n.a.	F 28
S 29	22 11 9	0♍46'14	29° 8	25°40	27°42	23° 4	18°41	3°15	2°57	1°34	24°R 8	14°14	14°40	25° 0	n.a.	S 29
S 30	22 15 6	1°45'18	13♒ 3	26°12	28°57	23°45	18°54	3°22	2°58	1°34	24° 8	14°12	14°36	25° 7	n.a.	S 30
M31	22 19 2	2♍44'24	27♒19	26♍38	0♍12	24♏25	19♍ 7	3♌29	2♊59	1♐34	24♉ 8	14♓11	14♓33	25♎14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n38	26s11	4s10	14n27	0n26	22n43	0n58	15s26	2s 7	7n55	1n16	21n27	1n 1	20n50	0s 2	19s24	1n23	11n26	7s48	6s 3	5s32	11s25		n.a.	S 1
S 2	19 24	22 32	3 19	13 50	0 18	22 32	0 59	15 38	2 7	7 50	1 15	21 25	1 1	20 51	0 2	19 23	1 22	11 26	7 48	6 5	5 33	11 28		n.a.	S 2
M 3	19 10	17 33	2 16	13 12	0 11	22 20	1 1	15 50	2 8	7 46	1 15	21 23	1 2	20 51	0 2	19 23	1 22	11 26	7 48	6 7	5 34	11 31		n.a.	M 3
T 4	18 55	11 34	1 3	12 34	0 3	22 8	1 3	16 3	2 8	7 41	1 15	21 22	1 2	20 51	0 2	19 23	1 22	11 26	7 48	6 8	5 36	11 35		n.a.	T 4
W 5	18 40	4 56	0n14	11 55	0s 5	21 54	1 4	16 15	2 8	7 37	1 15	21 20	1 2	20 52	0 2	19 23	1 22	11 26	7 49	6 8	5 37	11 38		n.a.	W 5
T 6	18 25	1n58	1 31	11 17	0 13	21 41	1 6	16 27	2 9	7 32	1 15	21 19	1 2	20 52	0 2	19 23	1 22	11 26	7 49	6 8	5 38	11 41		n.a.	T 6
F 7	18 10	8 45	2 42	10 39	0 21	21 26	1 7	16 39	2 9	7 27	1 15	21 17	1 2	20 53	0 2	19 23	1 22	11 26	7 49	6 7	5 39	11 44		n.a.	F 7
S 8	17 54	15 5	3 43	10 0	0 29	21 11	1 9	16 52	2 9	7 22	1 15	21 16	1 2	20 53	0 2	19 23	1 22	11 26	7 49	6 7	5 41	11 47		n.a.	S 8
S 9	17 38	20 34	4 29	9 22	0 37	20 55	1 10	17 4	2 9	7 18	1 15	21 14	1 2	20 53	0 2	19 23	1 22	11 26	7 49	6 7	5 42	11 51		n.a.	S 9
M10	17 22	24 52	5 0	8 44	0 46	20 39	1 11	17 16	2 9	7 13	1 15	21 13	1 2	20 54	0 2	19 23	1 22	11 26	7 49	6 7	5 43	11 54		n.a.	M10
T 11	17 5	27 41	5 12	8 6	0 54	20 22	1 13	17 28	2 9	7 8	1 14	21 11	1 2	20 54	0 2	19 23	1 22	11 26	7 49	6 8	5 44	11 57		n.a.	T 11
W12	16 48	28 46	5 6	7 29	1 3	20 4	1 14	17 40	2 10	7 3	1 14	21 9	1 2	20 54	0 2	19 23	1 22	11 26	7 49	6 9	5 46	12 0		n.a.	W12
T 13	16 31	28 7	4 44	6 52	1 11	19 46	1 15	17 52	2 10	6 59	1 14	21 8	1 3	20 55	0 2	19 23	1 22	11 26	7 50	6 11	5 47	12 3		n.a.	T 13
F 14	16 13	25 50	4 6	6 15	1 20	19 27	1 16	18 4	2 10	6 54	1 14	21 6	1 3	20 55	0 2	19 23	1 22	11 26	7 50	6 13	5 48	12 6		n.a.	F 14
S 15	15 55	22 13	3 15	5 39	1 28	19 8	1 17	18 16	2 10	6 49	1 14	21 5	1 3	20 55	0 2	19 23	1 22	11 26	7 50	6 14	5 49	12 10		n.a.	S 15
S 16	15 37	17 35	2 16	5 3	1 37	18 48	1 18	18 27	2 10	6 44	1 14	21 3	1 3	20 56	0 2	19 23	1 22	11 26	7 50	6 16	5 51	12 13		n.a.	S 16
M17	15 19	12 17	1 11	4 28	1 45	18 27	1 19	18 39	2 10	6 39	1 14	21 2	1 3	20 56	0 2	19 23	1 22	11 26	7 50	6 16	5 52	12 16		n.a.	M17
T 18	15 0	6 36	0 4	3 53	1 53	18 7	1 20	18 51	2 10	6 34	1 14	21 0	1 3	20 56	0 2	19 23	1 22	11 26	7 50	6 17	5 53	12 19		n.a.	T 18
W19	14 41	0 47	1s 3	3 19	2 2	17 45	1 20	19 2	2 10	6 29	1 14	20 58	1 3	20 56	0 2	19 23	1 22	11 26	7 50	6 17	5 54	12 22		n.a.	W19
T 20	14 22	5s 0	2 6	2 46	2 10	17 23	1 21	19 13	2 10	6 24	1 14	20 57	1 3	20 57	0 2	19 24	1 22	11 26	7 50	6 16	5 56	12 25		n.a.	T 20
F 21	14 3	10 33	3 3	2 14	2 18	17 1	1 22	19 25	2 10	6 19	1 13	20 55	1 3	20 57	0 2	19 24	1 21	11 26	7 51	6 15	5 57	12 28		n.a.	F 21
S 22	13 43	15 42	3 51	1 43	2 26	16 38	1 22	19 36	2 10	6 14	1 13	20 54	1 4	20 57	0 2	19 24	1 21	11 26	7 51	6 15	5 58	12 32		n.a.	S 22
S 23	13 23	20 17	4 31	1 13	2 34	16 14	1 23	19 47	2 10	6 9	1 13	20 52	1 4	20 57	0 2	19 24	1 21	11 26	7 51	6 14	5 59	12 35		n.a.	S 23
M24	13 3	24 7	4 59	0 45	2 41	15 50	1 23	19 58	2 10	6 4	1 13	20 51	1 4	20 58	0 2	19 24	1 21	11 26	7 51	6 14	6 1	12 38		n.a.	M24
T 25	12 43	26 57	5 14	0 18	2 49	15 26	1 24	20 9	2 10	5 59	1 13	20 49	1 4	20 58	0 2	19 24	1 21	11 25	7 51	6 14	6 2	12 41		n.a.	T 25
W26	12 23	28 34	5 15	0s 8	2 56	15 1	1 24	20 20	2 10	5 54	1 13	20 48	1 4	20 58	0 2	19 24	1 21	11 25	7 51	6 15	6 3	12 44		n.a.	W26
T 27	12 2	28 43	5 0	0 32	3 2	14 36	1 24	20 31	2 10	5 49	1 13	20 46	1 4	20 58	0 2	19 24	1 21	11 25	7 51	6 15	6 4	12 47		n.a.	T 27
F 28	11 41	27 17	4 30	0 54	3 9	14 10	1 25	20 41	2 10	5 44	1 13	20 45	1 4	20 58	0 2	19 24	1 21	11 25	7 51	6 16	6 6	12 50		n.a.	F 28
S 29	11 20	24 14	3 44	1 14	3 15	13 44	1 25	20 52	2 10	5 39	1 13	20 43	1 4	20 59	0 2	19 24	1 21	11 25	7 52	6 17	6 7	12 54		n.a.	S 29
S 30	10 59	19 43	2 44	1 31	3 20	13 18	1 25	21 2	2 10	5 34	1 13	20 41	1 4	20 59	0 2	19 25	1 21	11 25	7 52	6 18	6 8	12 57		n.a.	S 30
M31	10n37	13s59	1s32	1s46	3s25	12n51	1n25	21s12	2s 9	5n28	1n13	20n40	1n 5	20n59	0s 2	19s25	1n21	11n25	7s52	6s18	6s 9	13s 0		n.a.	M31

Julian Day Number = 1604390.5, Delta T = 03h57m10s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'44, Lahiri = - 8°22'44 Julian Calendar 1 Aug. 321 BCE == Greg. Calendar 27 July 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

SEPTEMBER 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 59	3♍43'33	11♓52	27♍ 0	1♍27	25♏ 6	19♍20	3♌35	3♊ 0	1♐35	24°R 8	14°D11	14♓30	25♎20	n.a.	T 1
W 2	22 26 55	4°42'43	26°35	27°15	2°42	25°47	19°33	3°42	3° 0	1°35	24♉ 8	14♓11	14°27	25°27	n.a.	W 2
T 3	22 30 52	5°41'56	11♈20	27°25	3°58	26°28	19°46	3°49	3° 1	1°36	24° 8	14°11	14°24	25°34	n.a.	T 3
F 4	22 34 48	6°41'11	26° 3	27°R27	5°13	27° 9	19°58	3°56	3° 1	1°36	24° 7	14°12	14°21	25°40	n.a.	F 4
S 5	22 38 45	7°40'29	10♉36	27°22	6°28	27°51	20°11	4° 3	3° 2	1°37	24° 7	14°13	14°17	25°47	n.a.	S 5
S 6	22 42 41	8°39'49	24°56	27°10	7°43	28°32	20°24	4° 9	3° 2	1°37	24° 7	14°13	14°14	25°54	n.a.	S 6
M 7	22 46 38	9°39'11	8♊59	26°50	8°58	29°14	20°37	4°16	3° 2	1°38	24° 7	14°R13	14°11	26° 0	n.a.	M 7
T 8	22 50 34	10°38'36	22°45	26°22	10°13	29°55	20°50	4°23	3° 3	1°39	24° 7	14°13	14° 8	26° 7	n.a.	T 8
W 9	22 54 31	11°38'04	6♋14	25°46	11°28	0♐37	21° 3	4°29	3° 3	1°39	24° 7	14°13	14° 5	26°14	n.a.	W 9
T 10	22 58 28	12°37'34	19°26	25° 1	12°44	1°19	21°16	4°36	3° 3	1°40	24° 6	14°13	14° 1	26°20	n.a.	T 10
F 11	23 2 24	13°37'06	2♌23	24° 9	13°59	2° 1	21°30	4°42	3° 3	1°41	24° 6	14°13	13°58	26°27	n.a.	F 11
S 12	23 6 21	14°36'41	15° 6	23°10	15°14	2°43	21°43	4°49	3° 3	1°42	24° 6	14°D12	13°55	26°34	n.a.	S 12
S 13	23 10 17	15°36'18	27°36	22° 5	16°29	3°26	21°56	4°55	3°R 3	1°43	24° 5	14°13	13°52	26°40	n.a.	S 13
M14	23 14 14	16°35'57	9♍55	20°56	17°45	4° 8	22° 9	5° 1	3° 3	1°43	24° 5	14°R13	13°49	26°47	n.a.	M14
T 15	23 18 10	17°35'38	22° 3	19°43	19° 0	4°50	22°22	5° 8	3° 3	1°44	24° 5	14°13	13°46	26°54	n.a.	T 15
W16	23 22 7	18°35'21	4♎ 4	18°29	20°15	5°33	22°35	5°14	3° 3	1°45	24° 4	14°12	13°42	27° 0	n.a.	W16
T 17	23 26 3	19°35'06	15°58	17°16	21°30	6°16	22°48	5°20	3° 3	1°46	24° 4	14°12	13°39	27° 7	n.a.	T 17
F 18	23 30 0	20°34'53	27°48	16° 7	22°46	6°58	23° 1	5°26	3° 3	1°47	24° 3	14°11	13°36	27°14	n.a.	F 18
S 19	23 33 57	21°34'42	9♏37	15° 3	24° 1	7°41	23°14	5°32	3° 2	1°48	24° 3	14°10	13°33	27°20	n.a.	S 19
S 20	23 37 53	22°34'34	21°28	14° 5	25°16	8°24	23°28	5°38	3° 2	1°49	24° 3	14° 9	13°30	27°27	n.a.	S 20
M21	23 41 50	23°34'27	3♐24	13°17	26°32	9° 7	23°41	5°44	3° 2	1°50	24° 2	14° 8	13°26	27°34	n.a.	M21
T 22	23 45 46	24°34'21	15°31	12°39	27°47	9°50	23°54	5°50	3° 1	1°51	24° 2	14° 7	13°23	27°41	n.a.	T 22
W23	23 49 43	25°34'18	27°51	12°11	29° 2	10°34	24° 7	5°56	3° 1	1°53	24° 1	14°D 7	13°20	27°47	n.a.	W23
T 24	23 53 39	26°34'16	10♑31	11°55	0♎17	11°17	24°20	6° 1	3° 0	1°54	24° 0	14° 8	13°17	27°54	n.a.	T 24
F 25	23 57 36	27°34'17	23°33	11°D51	1°33	12° 0	24°33	6° 7	2°59	1°55	24° 0	14° 8	13°14	28° 1	n.a.	F 25
S 26	0 1 32	28°34'18	7♒ 1	11°57	2°48	12°44	24°46	6°13	2°59	1°56	23°59	14°10	13°11	28° 7	n.a.	S 26
S 27	0 5 29	29°34'22	20°55	12°15	4° 3	13°27	25° 0	6°18	2°58	1°57	23°59	14°11	13° 7	28°14	n.a.	S 27
M28	0 9 26	0♎34'27	5♓17	12°42	5°19	14°11	25°13	6°24	2°57	1°59	23°58	14°12	13° 4	28°21	n.a.	M28
T 29	0 13 22	1°34'34	20° 0	13°19	6°34	14°54	25°26	6°29	2°56	2° 0	23°57	14°R12	13° 1	28°27	n.a.	T 29
W30	0 17 19	2♎34'43	5♈ 1	14♍ 4	7♎49	15♐38	25♍39	6♌34	2♊56	2♐ 1	23♉57	14♓11	12♓58	28♎34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n16	7s24	0s13	1s59	3s29	12n24	1n25	21s22	2s 9	5n23	1n13	20n38	1n 5	20n59	0s 2	19s25	1n21	11n25	7s52	6s18	6s11	13s 3		n.a.
W 2	9 54	0 20	1n 8	2 8	3 32	11 57	1 25	21 32	2 9	5 18	1 13	20 37	1 5	20 59	0 2	19 25	1 21	11 24	7 52	6 18	6 12	13 6		n.a.
T 3	9 32	6n46	2 25	2 14	3 34	11 29	1 24	21 42	2 9	5 13	1 13	20 35	1 5	20 59	0 2	19 25	1 21	11 24	7 52	6 18	6 13	13 9		n.a.
F 4	9 10	13 28	3 32	2 16	3 36	11 1	1 24	21 51	2 9	5 8	1 13	20 34	1 5	20 59	0 2	19 25	1 21	11 24	7 52	6 18	6 14	13 12		n.a.
S 5	8 48	19 22	4 24	2 14	3 36	10 33	1 24	22 1	2 9	5 3	1 13	20 32	1 5	20 59	0 2	19 25	1 21	11 24	7 53	6 17	6 15	13 15		n.a.
S 6	8 25	24 4	5 0	2 9	3 35	10 4	1 23	22 10	2 8	4 57	1 13	20 31	1 5	20 59	0 2	19 26	1 21	11 24	7 53	6 17	6 17	13 18		n.a.
M 7	8 3	27 16	5 16	1 58	3 33	9 35	1 23	22 19	2 8	4 52	1 12	20 29	1 6	21 0	0 2	19 26	1 21	11 24	7 53	6 17	6 18	13 21		n.a.
T 8	7 40	28 45	5 14	1 43	3 28	9 6	1 22	22 28	2 8	4 47	1 12	20 28	1 6	21 0	0 2	19 26	1 20	11 23	7 53	6 17	6 19	13 25		n.a.
W 9	7 17	28 29	4 54	1 23	3 23	8 36	1 22	22 37	2 8	4 42	1 12	20 27	1 6	21 0	0 2	19 26	1 20	11 23	7 53	6 17	6 20	13 28		n.a.
T 10	6 54	26 35	4 19	0 59	3 15	8 7	1 21	22 45	2 7	4 36	1 12	20 25	1 6	21 0	0 2	19 26	1 20	11 23	7 53	6 17	6 22	13 31		n.a.
F 11	6 31	23 18	3 32	0 29	3 6	7 37	1 21	22 54	2 7	4 31	1 12	20 24	1 6	21 0	0 2	19 27	1 20	11 23	7 53	6 17	6 23	13 34		n.a.
S 12	6 8	18 58	2 35	0n 5	2 54	7 7	1 20	23 2	2 7	4 26	1 12	20 22	1 6	21 0	0 2	19 27	1 20	11 23	7 53	6 17	6 24	13 37		n.a.
S 13	5 45	13 53	1 31	0 43	2 41	6 36	1 19	23 10	2 6	4 21	1 12	20 21	1 6	21 0	0 2	19 27	1 20	11 23	7 54	6 17	6 25	13 40		n.a.
M14	5 21	8 19	0 24	1 25	2 25	6 6	1 18	23 18	2 6	4 15	1 12	20 19	1 7	21 0	0 2	19 27	1 20	11 22	7 54	6 17	6 27	13 43		n.a.
T 15	4 58	2 32	0s43	2 9	2 9	5 35	1 17	23 26	2 6	4 10	1 12	20 18	1 7	21 0	0 2	19 28	1 20	11 22	7 54	6 17	6 28	13 46		n.a.
W16	4 34	3s17	1 48	2 55	1 50	5 4	1 16	23 33	2 5	4 5	1 12	20 17	1 7	21 0	0 2	19 28	1 20	11 22	7 54	6 17	6 29	13 49		n.a.
T 17	4 10	8 55	2 47	3 42	1 31	4 33	1 15	23 40	2 5	4 0	1 12	20 15	1 7	21 0	0 2	19 28	1 20	11 22	7 54	6 18	6 30	13 52		n.a.
F 18	3 47	14 13	3 39	4 28	1 10	4 2	1 14	23 48	2 5	3 54	1 12	20 14	1 7	21 0	0 2	19 28	1 20	11 22	7 54	6 18	6 32	13 55		n.a.
S 19	3 23	18 59	4 21	5 12	0 50	3 31	1 13	23 54	2 4	3 49	1 12	20 13	1 7	21 0	0 2	19 28	1 20	11 21	7 54	6 18	6 33	13 58		n.a.
S 20	2 59	23 3	4 52	5 53	0 29	3 0	1 12	24 1	2 4	3 44	1 12	20 11	1 8	21 0	0 2	19 29	1 20	11 21	7 54	6 19	6 34	14 1		n.a.
M21	2 35	26 11	5 11	6 30	0 9	2 28	1 10	24 8	2 4	3 39	1 12	20 10	1 8	21 0	0 2	19 29	1 20	11 21	7 54	6 19	6 35	14 4		n.a.
T 22	2 11	28 11	5 17	7 3	0n10	1 57	1 9	24 14	2 3	3 33	1 12	20 9	1 8	20 59	0 2	19 29	1 20	11 21	7 55	6 19	6 36	14 7		n.a.
W23	1 47	28 51	5 8	7 30	0 28	1 25	1 8	24 20	2 3	3 28	1 12	20 7	1 8	20 59	0 2	19 30	1 20	11 20	7 55	6 19	6 38	14 11		n.a.
T 24	1 23	28 2	4 44	7 52	0 45	0 53	1 6	24 26	2 2	3 23	1 12	20 6	1 8	20 59	0 2	19 30	1 20	11 20	7 55	6 19	6 39	14 14		n.a.
F 25	0 59	25 40	4 5	8 7	1 0	0 22	1 5	24 31	2 2	3 17	1 12	20 5	1 8	20 59	0 2	19 30	1 20	11 20	7 55	6 19	6 40	14 17		n.a.
S 26	0 34	21 50	3 12	8 17	1 13	0s10	1 3	24 37	2 1	3 12	1 12	20 3	1 9	20 59	0 2	19 30	1 20	11 20	7 55	6 18	6 41	14 20		n.a.
S 27	0 10	16 40	2 5	8 22	1 26	0 42	1 1	24 42	2 1	3 7	1 12	20 2	1 9	20 59	0 2	19 31	1 20	11 19	7 55	6 18	6 43	14 23		n.a.
M28	0s14	10 27	0 49	8 21	1 36	1 13	1 0	24 47	2 1	3 2	1 12	20 1	1 9	20 59	0 2	19 31	1 19	11 19	7 55	6 18	6 44	14 26		n.a.
T 29	0 38	3 31	0n32	8 15	1 45	0 58	24 51	2 0	2 56	1 12	20 0	1 9	20 59	0 2	19 31	1 19	11 19	7 55	6 18	6 45	14 29		n.a.
W30	1s 2	3n44	1n53	8n 4	1n52	2s17	0n56	24s56	2s 0	2n51	1n12	19n59	1n 9	20n58	0s 2	19s32	1n19	11n19	7s55	6s18	6s46	14s32		n.a.

Julian Day Number = 1604421.5, Delta T = 03h57m09s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'40, Lahiri = - 8°22'39 Julian Calendar 1 Sept. 321 BCE == Greg. Calendar 27 Aug. 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

OCTOBER 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 21 15	3♎34'54	20♈10	14♍57	9♎ 5	16♐22	25♍52	6♌40	2°R55	2♐ 3	23°R56	14°R 9	12♓55	28♎41	n.a.	T 1
F 2	0 25 12	4°35'07	5♉17	15°56	10°20	17° 6	26° 5	6°45	2♊54	2° 4	23♉55	14♓ 7	12°52	28°47	n.a.	F 2
S 3	0 29 8	5°35'22	20°13	17° 2	11°35	17°50	26°18	6°50	2°53	2° 6	23°55	14° 4	12°48	28°54	n.a.	S 3
S 4	0 33 5	6°35'39	4♊52	18°12	12°51	18°34	26°31	6°55	2°52	2° 7	23°54	14° 1	12°45	29° 1	n.a.	S 4
M 5	0 37 1	7°35'58	19° 7	19°27	14° 6	19°18	26°44	7° 0	2°50	2° 9	23°53	13°59	12°42	29° 7	n.a.	M 5
T 6	0 40 58	8°36'20	2♋58	20°46	15°21	20° 2	26°57	7° 5	2°49	2°10	23°52	13°D58	12°39	29°14	n.a.	T 6
W 7	0 44 55	9°36'43	16°23	22° 8	16°37	20°46	27°10	7°10	2°48	2°12	23°52	13°58	12°36	29°21	n.a.	W 7
T 8	0 48 51	10°37'09	29°26	23°32	17°52	21°30	27°23	7°14	2°47	2°13	23°51	13°59	12°32	29°27	n.a.	T 8
F 9	0 52 48	11°37'36	12♌ 9	24°59	19° 7	22°14	27°36	7°19	2°46	2°15	23°50	14° 0	12°29	29°34	n.a.	F 9
S 10	0 56 44	12°38'06	24°36	26°28	20°23	22°59	27°49	7°24	2°44	2°16	23°49	14° 2	12°26	29°41	n.a.	S 10
S 11	1 0 41	13°38'37	6♍51	27°58	21°38	23°43	28° 2	7°28	2°43	2°18	23°48	14° 3	12°23	29°48	n.a.	S 11
M12	1 4 37	14°39'11	18°56	29°29	22°53	24°27	28°15	7°32	2°41	2°20	23°47	14°R 4	12°20	29°54	n.a.	M12
T 13	1 8 34	15°39'46	0♎54	1♎ 2	24° 9	25°12	28°28	7°37	2°40	2°21	23°47	14° 2	12°17	0♏ 1	n.a.	T 13
W14	1 12 30	16°40'22	12°47	2°35	25°24	25°56	28°41	7°41	2°38	2°23	23°46	13°59	12°13	0° 8	n.a.	W14
T 15	1 16 27	17°41'01	24°38	4° 9	26°40	26°41	28°54	7°45	2°37	2°25	23°45	13°54	12°10	0°14	n.a.	T 15
F 16	1 20 23	18°41'41	6♏27	5°43	27°55	27°26	29° 6	7°49	2°35	2°26	23°44	13°48	12° 7	0°21	n.a.	F 16
S 17	1 24 20	19°42'22	18°18	7°18	29°10	28°10	29°19	7°53	2°33	2°28	23°43	13°41	12° 4	0°28	n.a.	S 17
S 18	1 28 17	20°43'05	0♐11	8°53	0♏26	28°55	29°32	7°57	2°32	2°30	23°42	13°34	12° 1	0°34	n.a.	S 18
M19	1 32 13	21°43'50	12°10	10°28	1°41	29°40	29°45	8° 1	2°30	2°32	23°41	13°27	11°58	0°41	n.a.	M19
T 20	1 36 10	22°44'35	24°17	12° 3	2°56	0♑24	29°57	8° 4	2°28	2°34	23°40	13°22	11°54	0°48	n.a.	T 20
W21	1 40 6	23°45'22	6♑36	13°38	4°12	1° 9	0♎10	8° 8	2°26	2°36	23°39	13°19	11°51	0°54	n.a.	W21
T 22	1 44 3	24°46'11	19°10	15°14	5°27	1°54	0°22	8°11	2°25	2°37	23°38	13°D17	11°48	1° 1	n.a.	T 22
F 23	1 47 59	25°47'00	2♒ 4	16°49	6°42	2°39	0°35	8°15	2°23	2°39	23°37	13°17	11°45	1° 8	n.a.	F 23
S 24	1 51 56	26°47'50	15°21	18°24	7°58	3°24	0°47	8°18	2°21	2°41	23°36	13°18	11°42	1°15	n.a.	S 24
S 25	1 55 52	27°48'41	29° 5	19°59	9°13	4° 9	1° 0	8°21	2°19	2°43	23°35	13°19	11°38	1°21	n.a.	S 25
M26	1 59 49	28°49'33	13♓16	21°34	10°28	4°54	1°12	8°24	2°17	2°45	23°34	13°R20	11°35	1°28	n.a.	M26
T 27	2 3 46	29°50'26	27°54	23° 9	11°43	5°39	1°25	8°27	2°15	2°47	23°33	13°19	11°32	1°35	n.a.	T 27
W28	2 7 42	0♏51'21	12♈55	24°44	12°59	6°24	1°37	8°30	2°13	2°49	23°32	13°16	11°29	1°41	n.a.	W28
T 29	2 11 39	1°52'16	28°10	26°19	14°14	7° 9	1°49	8°33	2°11	2°51	23°31	13°11	11°26	1°48	n.a.	T 29
F 30	2 15 35	2°53'13	13♉31	27°53	15°29	7°54	2° 1	8°36	2° 8	2°53	23°29	13° 4	11°23	1°55	n.a.	F 30
S 31	2 19 32	3♏54'10	28♉44	29♎28	16♏44	8♑39	2♎14	8♌38	2♊ 6	2♐55	23♉28	12♓56	11♓19	2♏ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1s26	10n50	3n 6	7n49	1n58	2s48	0n55	25s 0	1s59	2n46	1n12	19n57	1n 9	20n58	0s 2	19s32	1n19	11n18	7s55	6s19	6s48	14s35			n.a.
F 2	1 51	17 18	4 6	7 30	2 3	3 20	0 53	25 4	1 59	2 41	1 12	19 56	1 10	20 58	0 2	19 32	1 19	11 18	7 56	6 20	6 49	14 38			n.a.
S 3	2 15	22 38	4 48	7 7	2 6	3 52	0 51	25 8	1 58	2 35	1 12	19 55	1 10	20 58	0 2	19 33	1 19	11 18	7 56	6 21	6 50	14 41			n.a.
S 4	2 39	26 28	5 11	6 41	2 8	4 23	0 49	25 11	1 58	2 30	1 12	19 54	1 10	20 58	0 2	19 33	1 19	11 18	7 56	6 22	6 51	14 44			n.a.
M 5	3 3	28 29	5 13	6 12	2 10	4 54	0 47	25 15	1 57	2 25	1 12	19 53	1 10	20 57	0 2	19 33	1 19	11 17	7 56	6 23	6 52	14 47			n.a.
T 6	3 27	28 40	4 58	5 41	2 10	5 26	0 45	25 18	1 56	2 20	1 12	19 52	1 10	20 57	0 2	19 34	1 19	11 17	7 56	6 23	6 54	14 50			n.a.
W 7	3 51	27 7	4 26	5 8	2 9	5 57	0 43	25 20	1 56	2 14	1 12	19 51	1 11	20 57	0 2	19 34	1 19	11 17	7 56	6 23	6 55	14 53			n.a.
T 8	4 15	24 7	3 41	4 33	2 8	6 28	0 41	25 23	1 55	2 9	1 12	19 50	1 11	20 57	0 2	19 34	1 19	11 17	7 56	6 23	6 56	14 56			n.a.
F 9	4 39	20 1	2 46	3 56	2 6	6 59	0 39	25 25	1 55	2 4	1 12	19 49	1 11	20 57	0 2	19 35	1 19	11 16	7 56	6 22	6 57	14 59			n.a.
S 10	5 3	15 7	1 45	3 18	2 3	7 30	0 37	25 27	1 54	1 59	1 12	19 48	1 11	20 56	0 2	19 35	1 19	11 16	7 56	6 21	6 59	15 2			n.a.
S 11	5 27	9 43	0 39	2 39	2 0	8 0	0 35	25 29	1 54	1 54	1 12	19 47	1 11	20 56	0 2	19 35	1 19	11 16	7 56	6 21	7 0	15 5			n.a.
M12	5 51	4 2	0s27	1 59	1 56	8 30	0 32	25 30	1 53	1 49	1 12	19 46	1 11	20 56	0 2	19 36	1 19	11 16	7 56	6 21	7 1	15 8			n.a.
T 13	6 14	1s45	1 31	1 18	1 52	9 1	0 30	25 31	1 52	1 43	1 12	19 45	1 12	20 55	0 2	19 36	1 19	11 15	7 56	6 21	7 2	15 11			n.a.
W14	6 38	7 25	2 31	0 36	1 47	9 31	0 28	25 32	1 52	1 38	1 13	19 44	1 12	20 55	0 2	19 37	1 19	11 15	7 56	6 23	7 4	15 14			n.a.
T 15	7 1	12 48	3 23	0s 6	1 43	10 0	0 26	25 33	1 51	1 33	1 13	19 43	1 12	20 55	0 2	19 37	1 19	11 15	7 57	6 24	7 5	15 16			n.a.
F 16	7 25	17 43	4 7	0 49	1 37	10 30	0 23	25 33	1 51	1 28	1 13	19 42	1 12	20 55	0 2	19 37	1 19	11 14	7 57	6 27	7 6	15 19			n.a.
S 17	7 48	21 58	4 40	1 32	1 32	10 59	0 21	25 33	1 50	1 23	1 13	19 41	1 12	20 54	0 2	19 38	1 19	11 14	7 57	6 30	7 7	15 22			n.a.
S 18	8 11	25 21	5 2	2 15	1 26	11 28	0 19	25 33	1 49	1 18	1 13	19 41	1 13	20 54	0 2	19 38	1 19	11 14	7 57	6 32	7 8	15 25			n.a.
M19	8 34	27 39	5 10	2 58	1 20	11 57	0 16	25 33	1 49	1 13	1 13	19 40	1 13	20 54	0 2	19 38	1 19	11 14	7 57	6 35	7 10	15 28			n.a.
T 20	8 57	28 41	5 4	3 41	1 14	12 25	0 14	25 32	1 48	1 8	1 13	19 39	1 13	20 53	0 2	19 39	1 19	11 13	7 57	6 37	7 11	15 31			n.a.
W21	9 20	28 19	4 45	4 24	1 8	12 54	0 12	25 31	1 47	1 3	1 13	19 38	1 13	20 53	0 2	19 39	1 18	11 13	7 57	6 38	7 12	15 34			n.a.
T 22	9 43	26 30	4 12	5 7	1 2	13 21	0 9	25 30	1 47	0 58	1 13	19 38	1 13	20 52	0 2	19 40	1 18	11 13	7 57	6 39	7 13	15 37			n.a.
F 23	10 5	23 16	3 25	5 50	0 55	13 49	0 7	25 29	1 46	0 53	1 13	19 37	1 14	20 52	0 2	19 40	1 18	11 12	7 57	6 39	7 15	15 40			n.a.
S 24	10 27	18 45	2 26	6 33	0 49	14 16	0 4	25 27	1 45	0 48	1 13	19 36	1 14	20 52	0 2	19 41	1 18	11 12	7 57	6 38	7 16	15 43			n.a.
S 25	10 49	13 8	1 16	7 15	0 42	14 43	0 2	25 25	1 45	0 43	1 13	19 36	1 14	20 51	0 2	19 41	1 18	11 12	7 57	6 38	7 17	15 46			n.a.
M26	11 11	6 40	0 0	7 58	0 36	15 9	0s 1	25 23	1 44	0 38	1 13	19 35	1 14	20 51	0 2	19 41	1 18	11 12	7 57	6 38	7 18	15 49			n.a.
T 27	11 33	0n21	1n18	8 39	0 29	15 35	0 3	25 20	1 43	0 33	1 13	19 34	1 15	20 51	0 2	19 42	1 18	11 11	7 57	6 38	7 19	15 52			n.a.
W28	11 55	7 30	2 33	9 21	0 22	16 1	0 5	25 17	1 43	0 28	1 13	19 34	1 15	20 50	0 2	19 42	1 18	11 11	7 57	6 39	7 21	15 55			n.a.
T 29	12 16	14 20	3 38	10 2	0 16	16 26	0 8	25 14	1 42	0 23	1 13	19 33	1 15	20 50	0 2	19 43	1 18	11 11	7 57	6 41	7 22	15 58			n.a.
F 30	12 37	20 20	4 27	10 43	0 9	16 51	0 10	25 11	1 41	0 18	1 14	19 33	1 15	20 49	0 2	19 43	1 18	11 10	7 57	6 44	7 23	16 0			n.a.
S 31	12s58	24n57	4n57	11s23	0n 2	17s15	0s13	25s 7	1s40	0n14	1n14	19n32	1n15	20n49	0s 2	19s43	1n18	11n10	7s57	6s47	7s24	16s 3			n.a.

Julian Day Number = 1604451.5, Delta T = 03h57m07s
Ecliptic obliquity = 23°44'12, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'36, Lahiri = - 8°22'35 Julian Calendar 1 Oct. 321 BCE == Greg. Calendar 26 Sept. 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

NOVEMBER 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 23 28	4♏55'10	13♊41	1♏ 2	18♏ 0	9♑24	2♎26	8♌41	2°R 4	2♐57	23°R27	12°R48	11♓16	2♏ 8	n.a.	S 1
M 2	2 27 25	5°56'10	28°12	2°37	19°15	10° 9	2°38	8°43	2♊ 2	2°59	23♉26	12♓41	11°13	2°15	n.a.	M 2
T 3	2 31 21	6°57'12	12♋14	4°11	20°30	10°54	2°50	8°45	2° 0	3° 1	23°25	12°36	11°10	2°21	n.a.	T 3
W 4	2 35 18	7°58'15	25°47	5°46	21°45	11°40	3° 2	8°48	1°57	3° 3	23°24	12°33	11° 7	2°28	n.a.	W 4
T 5	2 39 15	8°59'19	8♌52	7°20	23° 1	12°25	3°14	8°50	1°55	3° 5	23°23	12°D32	11° 3	2°35	n.a.	T 5
F 6	2 43 11	10° 0'24	21°32	8°54	24°16	13°10	3°25	8°52	1°53	3° 8	23°22	12°33	11° 0	2°42	n.a.	F 6
S 7	2 47 8	11° 1'31	3♍53	10°29	25°31	13°55	3°37	8°54	1°50	3°10	23°20	12°34	10°57	2°48	n.a.	S 7
S 8	2 51 4	12° 2'38	16° 0	12° 3	26°46	14°40	3°49	8°55	1°48	3°12	23°19	12°R34	10°54	2°55	n.a.	S 8
M 9	2 55 1	13° 3'47	27°57	13°38	28° 2	15°26	4° 1	8°57	1°46	3°14	23°18	12°32	10°51	3° 2	n.a.	M 9
T 10	2 58 57	14° 4'57	9♎48	15°12	29°17	16°11	4°12	8°58	1°43	3°16	23°17	12°29	10°48	3° 8	n.a.	T 10
W11	3 2 54	15° 6'07	21°37	16°47	0♐32	16°56	4°24	9° 0	1°41	3°18	23°16	12°22	10°44	3°15	n.a.	W11
T 12	3 6 51	16° 7'18	3♏26	18°21	1°47	17°41	4°35	9° 1	1°38	3°21	23°15	12°12	10°41	3°22	n.a.	T 12
F 13	3 10 47	17° 8'31	15°18	19°56	3° 2	18°27	4°46	9° 2	1°36	3°23	23°13	12° 1	10°38	3°28	n.a.	F 13
S 14	3 14 44	18° 9'43	27°14	21°31	4°18	19°12	4°58	9° 4	1°33	3°25	23°12	11°48	10°35	3°35	n.a.	S 14
S 15	3 18 40	19°10'57	9♐14	23° 6	5°33	19°57	5° 9	9° 5	1°31	3°27	23°11	11°34	10°32	3°42	n.a.	S 15
M16	3 22 37	20°12'11	21°21	24°41	6°48	20°42	5°20	9° 5	1°28	3°29	23°10	11°21	10°29	3°48	n.a.	M16
T 17	3 26 33	21°13'25	3♑36	26°16	8° 3	21°28	5°31	9° 6	1°26	3°32	23° 9	11°10	10°25	3°55	n.a.	T 17
W18	3 30 30	22°14'39	16° 0	27°51	9°18	22°13	5°42	9° 7	1°23	3°34	23° 7	11° 2	10°22	4° 2	n.a.	W18
T 19	3 34 26	23°15'54	28°36	29°27	10°33	22°58	5°53	9° 7	1°21	3°36	23° 6	10°57	10°19	4° 9	n.a.	T 19
F 20	3 38 23	24°17'09	11♒28	1♐ 3	11°49	23°44	6° 4	9° 8	1°18	3°38	23° 5	10°54	10°16	4°15	n.a.	F 20
S 21	3 42 20	25°18'24	24°38	2°38	13° 4	24°29	6°14	9° 8	1°16	3°41	23° 4	10°D54	10°13	4°22	n.a.	S 21
S 22	3 46 16	26°19'39	8♓10	4°14	14°19	25°14	6°25	9° 8	1°13	3°43	23° 3	10°R54	10° 9	4°29	n.a.	S 22
M23	3 50 13	27°20'53	22° 6	5°51	15°34	26° 0	6°35	9°R 8	1°11	3°45	23° 2	10°53	10° 6	4°35	n.a.	M23
T 24	3 54 9	28°22'08	6♈27	7°27	16°49	26°45	6°46	9° 8	1° 8	3°47	23° 0	10°51	10° 3	4°42	n.a.	T 24
W25	3 58 6	29°23'23	21°11	9° 3	18° 4	27°30	6°56	9° 8	1° 5	3°50	22°59	10°47	10° 0	4°49	n.a.	W25
T 26	4 2 2	0♐24'37	6♉14	10°40	19°19	28°15	7° 6	9° 8	1° 3	3°52	22°58	10°39	9°57	4°55	n.a.	T 26
F 27	4 5 59	1°25'52	21°27	12°16	20°34	29° 1	7°17	9° 8	1° 0	3°54	22°57	10°29	9°54	5° 2	n.a.	F 27
S 28	4 9 55	2°27'07	6♊39	13°53	21°49	29°46	7°27	9° 7	0°58	3°56	22°56	10°17	9°50	5° 9	n.a.	S 28
S 29	4 13 52	3°28'21	21°40	15°29	23° 4	0♒31	7°37	9° 7	0°55	3°59	22°55	10° 6	9°47	5°16	n.a.	S 29
M30	4 17 49	4♐29'36	6♋19	17♐ 5	24♐19	1♒16	7♎46	9♌ 6	0♊53	4♐ 1	22♉53	9♓55	9♓44	5♏22	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s19	27n47	5n 6	12s 3	0s 4	17s39	0s15	25s 3	1s40	0n 9	1n14	19n32	1n16	20n48	0s 2	19s44	1n18	11n10	7s57	6s50	7s26	16s 6		n.a.
M 2	13 40	28 39	4 55	12 42	0 11	18 2	0 18	24 59	1 39	0 4	1 14	19 31	1 16	20 48	0 2	19 44	1 18	11 10	7 57	6 53	7 27	16 9		n.a.
T 3	14 0	27 35	4 27	13 21	0 17	18 25	0 20	24 55	1 38	0s 1	1 14	19 31	1 16	20 48	0 2	19 45	1 18	11 9	7 57	6 55	7 28	16 12		n.a.
W 4	14 20	24 55	3 44	13 59	0 24	18 48	0 23	24 50	1 37	0 5	1 14	19 31	1 16	20 47	0 2	19 45	1 18	11 9	7 57	6 56	7 29	16 15		n.a.
T 5	14 40	21 0	2 51	14 36	0 30	19 9	0 25	24 45	1 37	0 10	1 14	19 30	1 16	20 47	0 1	19 46	1 18	11 9	7 57	6 56	7 30	16 18		n.a.
F 6	15 0	16 14	1 50	15 13	0 36	19 31	0 27	24 40	1 36	0 15	1 14	19 30	1 17	20 46	0 1	19 46	1 18	11 8	7 57	6 56	7 32	16 21		n.a.
S 7	15 19	10 55	0 46	15 49	0 43	19 52	0 30	24 35	1 35	0 19	1 14	19 30	1 17	20 46	0 1	19 46	1 18	11 8	7 57	6 56	7 33	16 23		n.a.
S 8	15 38	5 18	0s18	16 25	0 49	20 12	0 32	24 29	1 34	0 24	1 14	19 29	1 17	20 45	0 1	19 47	1 18	11 8	7 57	6 56	7 34	16 26		n.a.
M 9	15 57	0s25	1 21	16 59	0 55	20 32	0 34	24 23	1 34	0 29	1 14	19 29	1 17	20 45	0 1	19 47	1 18	11 8	7 57	6 56	7 35	16 29		n.a.
T 10	16 16	6 4	2 20	17 33	1 0	20 51	0 37	24 17	1 33	0 33	1 15	19 29	1 18	20 44	0 1	19 48	1 18	11 7	7 57	6 58	7 37	16 32		n.a.
W11	16 34	11 30	3 12	18 7	1 6	21 9	0 39	24 10	1 32	0 38	1 15	19 29	1 18	20 44	0 1	19 48	1 18	11 7	7 57	7 0	7 38	16 35		n.a.
T 12	16 52	16 31	3 56	18 39	1 12	21 27	0 41	24 4	1 31	0 42	1 15	19 29	1 18	20 43	0 1	19 49	1 18	11 7	7 57	7 4	7 39	16 38		n.a.
F 13	17 10	20 55	4 30	19 11	1 17	21 44	0 44	23 57	1 31	0 47	1 15	19 29	1 18	20 43	0 1	19 49	1 18	11 7	7 57	7 8	7 40	16 41		n.a.
S 14	17 27	24 31	4 52	19 41	1 22	22 1	0 46	23 49	1 30	0 51	1 15	19 28	1 18	20 42	0 1	19 50	1 18	11 6	7 57	7 14	7 41	16 43		n.a.
S 15	17 44	27 4	5 1	20 11	1 27	22 17	0 48	23 42	1 29	0 55	1 15	19 28	1 19	20 42	0 1	19 50	1 18	11 6	7 57	7 19	7 43	16 46		n.a.
M16	18 1	28 23	4 57	20 39	1 32	22 33	0 50	23 34	1 28	1 0	1 15	19 28	1 19	20 41	0 1	19 50	1 18	11 6	7 57	7 24	7 44	16 49		n.a.
T 17	18 17	28 20	4 39	21 7	1 36	22 47	0 53	23 26	1 27	1 4	1 15	19 28	1 19	20 41	0 1	19 51	1 18	11 6	7 57	7 28	7 45	16 52		n.a.
W18	18 33	26 52	4 8	21 34	1 41	23 1	0 55	23 18	1 27	1 8	1 16	19 28	1 19	20 40	0 1	19 51	1 18	11 5	7 57	7 31	7 46	16 55		n.a.
T 19	18 49	24 1	3 24	21 59	1 45	23 15	0 57	23 10	1 26	1 12	1 16	19 28	1 20	20 40	0 1	19 52	1 18	11 5	7 57	7 33	7 48	16 58		n.a.
F 20	19 5	19 57	2 29	22 24	1 49	23 27	0 59	23 1	1 25	1 17	1 16	19 29	1 20	20 39	0 1	19 52	1 18	11 5	7 57	7 34	7 49	17 0		n.a.
S 21	19 20	14 48	1 25	22 47	1 52	23 39	1 1	22 52	1 24	1 21	1 16	19 29	1 20	20 39	0 1	19 53	1 18	11 5	7 57	7 34	7 50	17 3		n.a.
S 22	19 34	8 50	0 14	23 9	1 56	23 51	1 3	22 43	1 23	1 25	1 16	19 29	1 20	20 38	0 1	19 53	1 18	11 4	7 57	7 34	7 51	17 6		n.a.
M23	19 49	2 16	0n59	23 30	1 59	24 1	1 5	22 34	1 23	1 29	1 16	19 29	1 21	20 38	0 1	19 54	1 18	11 4	7 57	7 34	7 52	17 9		n.a.
T 24	20 3	4n35	2 11	23 49	2 1	24 11	1 7	22 24	1 22	1 33	1 16	19 29	1 21	20 37	0 1	19 54	1 18	11 4	7 57	7 35	7 54	17 12		n.a.
W25	20 16	11 23	3 16	24 7	2 4	24 20	1 9	22 14	1 21	1 37	1 16	19 30	1 21	20 37	0 1	19 54	1 18	11 4	7 56	7 37	7 55	17 14		n.a.
T 26	20 29	17 40	4 8	24 23	2 5	24 28	1 10	22 4	1 20	1 41	1 17	19 30	1 21	20 36	0 1	19 55	1 18	11 3	7 56	7 40	7 56	17 17		n.a.
F 27	20 42	22 55	4 44	24 39	2 7	24 36	1 12	21 54	1 19	1 45	1 17	19 30	1 21	20 36	0 1	19 55	1 18	11 3	7 56	7 44	7 57	17 20		n.a.
S 28	20 55	26 36	5 0	24 52	2 8	24 43	1 14	21 44	1 19	1 49	1 17	19 30	1 22	20 35	0 1	19 56	1 18	11 3	7 56	7 48	7 58	17 23		n.a.
S 29	21 7	28 22	4 54	25 4	2 9	24 49	1 16	21 33	1 18	1 53	1 17	19 31	1 22	20 35	0 1	19 56	1 18	11 3	7 56	7 53	8 0	17 25		n.a.
M30	21s18	28n 4	4n29	25s14	2s 9	24s54	1s17	21s22	1s17	1s56	1n17	19n31	1n22	20n34	0s 1	19s57	1n18	11n 3	7s56	7s57	8s 1	17s28		n.a.

Julian Day Number = 1604482.5, Delta T = 03h57m06s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'32, Lahiri = - 8°22'31 Julian Calendar 1 Nov. 321 BCE == Greg. Calendar 27 Oct. 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 321 BCE
geocentric

DECEMBER 321 BCE (-320) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 21 45	5♐30'51	20♋31	18♐41	25♐34	2♒ 1	7♎56	9°R 5	0°R50	4♐ 3	22°R52	9°R47	9♓41	5♏29	n.a.	T 1
W 2	4 25 42	6°32'07	4♌13	20°17	26°49	2°47	8° 6	9♌ 5	0♊47	4° 6	22♉51	9♓41	9°38	5°36	n.a.	W 2
T 3	4 29 38	7°33'22	17°25	21°52	28° 4	3°32	8°15	9° 4	0°45	4° 8	22°50	9°38	9°35	5°42	n.a.	T 3
F 4	4 33 35	8°34'37	0♍11	23°27	29°19	4°17	8°25	9° 2	0°42	4°10	22°49	9°37	9°31	5°49	n.a.	F 4
S 5	4 37 31	9°35'52	12°35	25° 0	0♑34	5° 2	8°34	9° 1	0°40	4°12	22°48	9°37	9°28	5°56	n.a.	S 5
S 6	4 41 28	10°37'08	24°41	26°33	1°48	5°47	8°43	9° 0	0°37	4°15	22°46	9°36	9°25	6° 2	n.a.	S 6
M 7	4 45 25	11°38'23	6♎37	28° 4	3° 3	6°32	8°52	8°58	0°35	4°17	22°45	9°35	9°22	6° 9	n.a.	M 7
T 8	4 49 21	12°39'38	18°27	29°34	4°18	7°18	9° 1	8°57	0°32	4°19	22°44	9°30	9°19	6°16	n.a.	T 8
W 9	4 53 18	13°40'53	0♏15	1♑ 2	5°33	8° 3	9°10	8°55	0°30	4°21	22°43	9°23	9°15	6°23	n.a.	W 9
T 10	4 57 14	14°42'08	12° 5	2°27	6°48	8°48	9°19	8°54	0°27	4°24	22°42	9°13	9°12	6°29	n.a.	T 10
F 11	5 1 11	15°43'23	24° 1	3°50	8° 3	9°33	9°28	8°52	0°25	4°26	22°41	9° 0	9° 9	6°36	n.a.	F 11
S 12	5 5 7	16°44'37	6♐ 3	5° 9	9°17	10°18	9°36	8°50	0°22	4°28	22°40	8°46	9° 6	6°43	n.a.	S 12
S 13	5 9 4	17°45'51	18°14	6°24	10°32	11° 3	9°44	8°48	0°20	4°30	22°39	8°31	9° 3	6°49	n.a.	S 13
M14	5 13 0	18°47'04	0♑34	7°34	11°47	11°48	9°53	8°46	0°17	4°33	22°38	8°17	9° 0	6°56	n.a.	M14
T 15	5 16 57	19°48'17	13° 3	8°39	13° 2	12°33	10° 1	8°43	0°15	4°35	22°37	8° 4	8°56	7° 3	n.a.	T 15
W16	5 20 54	20°49'29	25°42	9°38	14°16	13°18	10° 9	8°41	0°13	4°37	22°36	7°55	8°53	7° 9	n.a.	W16
T 17	5 24 50	21°50'40	8♒31	10°30	15°31	14° 3	10°17	8°39	0°10	4°39	22°35	7°49	8°50	7°16	n.a.	T 17
F 18	5 28 47	22°51'50	21°32	11°14	16°46	14°48	10°24	8°36	0° 8	4°41	22°34	7°46	8°47	7°23	n.a.	F 18
S 19	5 32 43	23°52'58	4♓47	11°49	18° 0	15°33	10°32	8°33	0° 6	4°44	22°33	7°D45	8°44	7°30	n.a.	S 19
S 20	5 36 40	24°54'06	18°17	12°14	19°15	16°17	10°39	8°31	0° 3	4°46	22°32	7°R45	8°41	7°36	n.a.	S 20
M21	5 40 36	25°55'13	2♈ 4	12°29	20°29	17° 2	10°47	8°28	0° 1	4°48	22°31	7°45	8°37	7°43	n.a.	M21
T 22	5 44 33	26°56'18	16°10	12°R33	21°44	17°47	10°54	8°25	29♉59	4°50	22°30	7°43	8°34	7°50	n.a.	T 22
W23	5 48 30	27°57'23	0♉34	12°25	22°59	18°32	11° 1	8°22	29°57	4°52	22°29	7°39	8°31	7°56	n.a.	W23
T 24	5 52 26	28°58'26	15°14	12° 6	24°13	19°17	11° 8	8°19	29°54	4°54	22°28	7°33	8°28	8° 3	n.a.	T 24
F 25	5 56 23	29°59'28	0♊ 3	11°36	25°27	20° 1	11°14	8°16	29°52	4°56	22°27	7°24	8°25	8°10	n.a.	F 25
S 26	6 0 19	1♑ 0'29	14°54	10°55	26°42	20°46	11°21	8°13	29°50	4°58	22°26	7°14	8°21	8°17	n.a.	S 26
S 27	6 4 16	2° 1'29	29°39	10° 4	27°56	21°31	11°28	8° 9	29°48	5° 1	22°25	7° 3	8°18	8°23	n.a.	S 27
M28	6 8 12	3° 2'27	14♋ 9	9° 4	29°11	22°15	11°34	8° 6	29°46	5° 3	22°24	6°54	8°15	8°30	n.a.	M28
T 29	6 12 9	4° 3'25	28°18	7°58	0♒25	23° 0	11°40	8° 2	29°44	5° 5	22°23	6°46	8°12	8°37	n.a.	T 29
W30	6 16 5	5° 4'21	12♌ 1	6°47	1°39	23°44	11°46	7°59	29°42	5° 7	22°23	6°40	8° 9	8°43	n.a.	W30
T 31	6 20 2	6♑ 5'17	25♌17	5♑33	2♒53	24♒29	11♎52	7♌55	29♉40	5♐ 9	22♉22	6♓38	8♓ 6	8♏50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21 s29	25n54	3n48	25 s23	2 s 9	24 s59	1 s19	21 s11	1 s16	2 s 0	1n17	19n32	1n22	20n33	0 s 1	19 s57	1n18	11n 2	7 s56	8 s 0	8 s 2	17 s31			n.a.
W 2	21 40	22 17	2 55	25 30	2 8	25 2	1 20	21 0	1 15	2 4	1 18	19 32	1 23	20 33	0 1	19 57	1 18	11 2	7 56	8 2	8 3	17 34			n.a.
T 3	21 50	17 37	1 54	25 35	2 6	25 5	1 22	20 49	1 14	2 8	1 18	19 33	1 23	20 32	0 1	19 58	1 18	11 2	7 56	8 3	8 5	17 37			n.a.
F 4	22 0	12 19	0 50	25 38	2 4	25 7	1 23	20 37	1 14	2 11	1 18	19 33	1 23	20 32	0 1	19 58	1 18	11 2	7 56	8 4	8 6	17 39			n.a.
S 5	22 10	6 41	0 s16	25 40	2 2	25 9	1 25	20 25	1 13	2 15	1 18	19 34	1 23	20 31	0 1	19 59	1 18	11 2	7 56	8 4	8 7	17 42			n.a.
S 6	22 19	0 56	1 19	25 39	1 58	25 10	1 26	20 13	1 12	2 18	1 18	19 34	1 23	20 31	0 1	19 59	1 18	11 1	7 56	8 4	8 8	17 45			n.a.
M 7	22 28	4 s46	2 17	25 37	1 54	25 9	1 27	20 1	1 11	2 22	1 18	19 35	1 24	20 30	0 1	20 0	1 18	11 1	7 55	8 5	8 9	17 48			n.a.
T 8	22 36	10 14	3 10	25 33	1 49	25 8	1 29	19 48	1 10	2 25	1 19	19 35	1 24	20 30	0 1	20 0	1 18	11 1	7 55	8 6	8 11	17 50			n.a.
W 9	22 44	15 20	3 53	25 27	1 43	25 7	1 30	19 36	1 9	2 28	1 19	19 36	1 24	20 29	0 1	20 0	1 18	11 1	7 55	8 9	8 12	17 53			n.a.
T 10	22 51	19 53	4 27	25 19	1 37	25 4	1 31	19 23	1 9	2 32	1 19	19 37	1 24	20 29	0 1	20 1	1 18	11 1	7 55	8 13	8 13	17 56			n.a.
F 11	22 58	23 40	4 49	25 10	1 29	25 1	1 32	19 10	1 8	2 35	1 19	19 37	1 25	20 28	0 1	20 1	1 18	11 1	7 55	8 18	8 14	17 58			n.a.
S 12	23 4	26 29	4 59	24 58	1 20	24 57	1 33	18 57	1 7	2 38	1 19	19 38	1 25	20 28	0 1	20 2	1 18	11 0	7 55	8 23	8 15	18 1			n.a.
S 13	23 10	28 6	4 55	24 46	1 11	24 52	1 34	18 44	1 6	2 41	1 19	19 39	1 25	20 27	0 1	20 2	1 18	11 0	7 55	8 29	8 17	18 4			n.a.
M14	23 15	28 22	4 38	24 31	1 0	24 46	1 34	18 30	1 5	2 44	1 20	19 40	1 25	20 27	0 1	20 3	1 18	11 0	7 55	8 34	8 18	18 7			n.a.
T 15	23 20	27 10	4 6	24 15	0 49	24 40	1 35	18 17	1 4	2 48	1 20	19 41	1 25	20 26	0 1	20 3	1 18	11 0	7 55	8 39	8 19	18 9			n.a.
W16	23 25	24 35	3 23	23 59	0 36	24 33	1 36	18 3	1 4	2 51	1 20	19 41	1 26	20 26	0 1	20 3	1 18	11 0	7 54	8 42	8 20	18 12			n.a.
T 17	23 29	20 44	2 28	23 41	0 22	24 25	1 37	17 49	1 3	2 53	1 20	19 42	1 26	20 25	0 1	20 4	1 18	11 0	7 54	8 45	8 21	18 15			n.a.
F 18	23 32	15 50	1 25	23 22	0 7	24 17	1 37	17 35	1 2	2 56	1 20	19 43	1 26	20 25	0 1	20 4	1 18	11 0	7 54	8 46	8 23	18 17			n.a.
S 19	23 36	10 7	0 16	23 3	0n 9	24 7	1 38	17 21	1 1	2 59	1 21	19 44	1 26	20 24	0 1	20 5	1 18	11 0	7 54	8 46	8 24	18 20			n.a.
S 20	23 38	3 50	0n56	22 44	0 26	23 57	1 38	17 6	1 0	3 2	1 21	19 45	1 26	20 24	0 1	20 5	1 18	10 59	7 54	8 46	8 25	18 23			n.a.
M21	23 40	2n45	2 5	22 25	0 43	23 46	1 38	16 52	0 59	3 5	1 21	19 46	1 27	20 23	0 1	20 5	1 18	10 59	7 54	8 46	8 26	18 25			n.a.
T 22	23 42	9 20	3 9	22 7	1 1	23 35	1 39	16 37	0 58	3 7	1 21	19 47	1 27	20 23	0 1	20 6	1 18	10 59	7 54	8 47	8 27	18 28			n.a.
W23	23 43	15 35	4 2	21 49	1 20	23 22	1 39	16 22	0 58	3 10	1 21	19 48	1 27	20 22	0 1	20 6	1 18	10 59	7 53	8 48	8 29	18 31			n.a.
T 24	23 44	21 3	4 40	21 32	1 39	23 10	1 39	16 7	0 57	3 12	1 22	19 49	1 27	20 22	0 1	20 6	1 18	10 59	7 53	8 51	8 30	18 33			n.a.
F 25	23 44	25 17	5 0	21 16	1 58	22 56	1 39	15 52	0 56	3 15	1 22	19 50	1 27	20 21	0 1	20 7	1 18	10 59	7 53	8 54	8 31	18 36			n.a.
S 26	23 44	27 50	5 0	21 2	2 16	22 42	1 39	15 37	0 55	3 17	1 22	19 51	1 28	20 21	0 1	20 7	1 18	10 59	7 53	8 58	8 32	18 39			n.a.
S 27	23 43	28 24	4 39	20 49	2 33	22 27	1 39	15 22	0 54	3 20	1 22	19 52	1 28	20 21	0 1	20 8	1 18	10 59	7 53	9 2	8 33	18 41			n.a.
M28	23 42	26 58	4 1	20 37	2 49	22 11	1 39	15 6	0 53	3 22	1 22	19 53	1 28	20 20	0 1	20 8	1 18	10 59	7 53	9 5	8 35	18 44			n.a.
T 29	23 40	23 51	3 9	20 27	3 3	21 55	1 38	14 51	0 53	3 24	1 23	19 54	1 28	20 20	0 1	20 8	1 18	10 59	7 52	9 8	8 36	18 47			n.a.
W30	23 38	19 26	2 7	20 19	3 15	21 38	1 38	14 35	0 52	3 26	1 23	19 55	1 28	20 19	0 1	20 9	1 18	10 59	7 52	9 10	8 37	18 49			n.a.
T 31	23 s36	14n12	1n 0	20 s12	3n25	21 s20	1 s38	14 s19	0 s51	3 s28	1n23	19n56	1n29	20n19	0 s 1	20 s 9	1n18	10n59	7 s52	9 s11	8 s38	18 s52			n.a.

Julian Day Number = 1604512.5, Delta T = 03h57m05s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'28, Lahiri = - 8°22'27 Julian Calendar 1 Dec. 321 BCE == Greg. Calendar 26 Nov. 321 BCE

The year -320 astronomical counting style corresponds to year 321 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

JANUARY 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 23 59	7♑ 6'11	8♍ 8	4°R19	4♒ 8	25♒13	11♎57	7°R51	29°R38	5♐11	22°R21	6°D37	8♓ 2	8♏57	n.a.	F 1
S 2	6 27 55	8° 7'05	20°37	3♑ 7	5°22	25°58	12° 3	7♌48	29♉36	5°13	22♉20	6♓38	7°59	9° 3	n.a.	S 2
S 3	6 31 52	9° 7'57	2♎48	1°57	6°36	26°42	12° 8	7°44	29°35	5°15	22°19	6°39	7°56	9°10	n.a.	S 3
M 4	6 35 48	10° 8'48	14°47	0°53	7°50	27°27	12°14	7°40	29°33	5°17	22°19	6°R39	7°53	9°17	n.a.	M 4
T 5	6 39 45	11° 9'39	26°39	29♐56	9° 4	28°11	12°19	7°36	29°31	5°19	22°18	6°37	7°50	9°24	n.a.	T 5
W 6	6 43 41	12°10'28	8♏29	29° 5	10°18	28°55	12°23	7°32	29°29	5°21	22°17	6°33	7°47	9°30	n.a.	W 6
T 7	6 47 38	13°11'16	20°21	28°22	11°32	29°40	12°28	7°28	29°28	5°22	22°17	6°27	7°43	9°37	n.a.	T 7
F 8	6 51 34	14°12'03	2♐20	27°48	12°46	0♓24	12°33	7°24	29°26	5°24	22°16	6°19	7°40	9°44	n.a.	F 8
S 9	6 55 31	15°12'48	14°29	27°22	14° 0	1° 8	12°37	7°19	29°24	5°26	22°15	6°10	7°37	9°50	n.a.	S 9
S 10	6 59 28	16°13'33	26°50	27° 4	15°14	1°52	12°41	7°15	29°23	5°28	22°15	6° 0	7°34	9°57	n.a.	S 10
M11	7 3 24	17°14'15	9♑23	26°53	16°28	2°37	12°45	7°11	29°21	5°30	22°14	5°50	7°31	10° 4	n.a.	M11
T 12	7 7 21	18°14'57	22° 9	26°D51	17°42	3°21	12°49	7° 6	29°20	5°32	22°13	5°42	7°27	10°11	n.a.	T 12
W13	7 11 17	19°15'36	5♒ 8	26°55	18°55	4° 5	12°53	7° 2	29°18	5°33	22°13	5°36	7°24	10°17	n.a.	W13
T 14	7 15 14	20°16'14	18°19	27° 6	20° 9	4°49	12°56	6°58	29°17	5°35	22°12	5°32	7°21	10°24	n.a.	T 14
F 15	7 19 10	21°16'51	1♓41	27°23	21°23	5°33	13° 0	6°53	29°16	5°37	22°12	5°D31	7°18	10°31	n.a.	F 15
S 16	7 23 7	22°17'25	15°14	27°46	22°36	6°17	13° 3	6°49	29°15	5°39	22°11	5°31	7°15	10°37	n.a.	S 16
S 17	7 27 3	23°17'57	28°57	28°15	23°50	7° 1	13° 6	6°44	29°13	5°40	22°11	5°33	7°12	10°44	n.a.	S 17
M18	7 31 0	24°18'27	12♈50	28°48	25° 3	7°45	13° 9	6°39	29°12	5°42	22°10	5°34	7° 8	10°51	n.a.	M18
T 19	7 34 57	25°18'56	26°53	29°26	26°17	8°29	13°11	6°35	29°11	5°44	22°10	5°R34	7° 5	10°58	n.a.	T 19
W20	7 38 53	26°19'22	11♉ 5	0♑ 8	27°30	9°12	13°14	6°30	29°10	5°45	22° 9	5°33	7° 2	11° 4	n.a.	W20
T 21	7 42 50	27°19'46	25°24	0°54	28°43	9°56	13°16	6°25	29° 9	5°47	22° 9	5°31	6°59	11°11	n.a.	T 21
F 22	7 46 46	28°20'09	9♊46	1°44	29°57	10°40	13°18	6°21	29° 8	5°48	22° 8	5°26	6°56	11°18	n.a.	F 22
S 23	7 50 43	29°20'29	24° 9	2°37	1♓10	11°24	13°20	6°16	29° 7	5°50	22° 8	5°21	6°53	11°24	n.a.	S 23
S 24	7 54 39	0♒20'47	8♋25	3°33	2°23	12° 7	13°21	6°11	29° 6	5°51	22° 8	5°15	6°49	11°31	n.a.	S 24
M25	7 58 36	1°21'03	22°31	4°32	3°36	12°51	13°23	6° 7	29° 5	5°53	22° 7	5°10	6°46	11°38	n.a.	M25
T 26	8 2 33	2°21'17	6♌21	5°33	4°49	13°35	13°24	6° 2	29° 4	5°54	22° 7	5° 6	6°43	11°45	n.a.	T 26
W27	8 6 29	3°21'30	19°51	6°37	6° 2	14°18	13°25	5°57	29° 4	5°56	22° 7	5° 3	6°40	11°51	n.a.	W27
T 28	8 10 26	4°21'40	3♍ 1	7°44	7°15	15° 2	13°26	5°52	29° 3	5°57	22° 6	5°D 2	6°37	11°58	n.a.	T 28
F 29	8 14 22	5°21'49	15°50	8°52	8°28	15°45	13°27	5°47	29° 2	5°59	22° 6	5° 3	6°33	12° 5	n.a.	F 29
S 30	8 18 19	6°21'56	28°20	10° 3	9°40	16°28	13°28	5°43	29° 2	6° 0	22° 6	5° 4	6°30	12°11	n.a.	S 30
S 31	8 22 15	7♒22'01	10♎34	11♑15	10♓53	17♓12	13♎28	5♌38	29♉ 1	6♐ 1	22♉ 6	5♓ 6	6♓27	12♏18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s33	8n30	0s 8	20s 7	3n33	21s 2	1s37	14s 4	0s50	3s31	1n23	19n58	1n29	20n19	0s 1	20s 9	1n18	10n59	7s52	9s12	8s39	18s54		n.a.
S 2	23 29	2 38	1 14	20 4	3 38	20 44	1 37	13 48	0 49	3 33	1 23	19 59	1 29	20 18	0 1	20 10	1 18	10 59	7 52	9 11	8 41	18 57		n.a.
S 3	23 25	3s12	2 15	20 3	3 41	20 24	1 36	13 31	0 48	3 34	1 24	20 0	1 29	20 18	0 1	20 10	1 18	10 59	7 52	9 11	8 42	19 0		n.a.
M 4	23 21	8 48	3 10	20 3	3 41	20 4	1 35	13 15	0 48	3 36	1 24	20 1	1 29	20 17	0 1	20 10	1 18	10 59	7 51	9 11	8 43	19 2		n.a.
T 5	23 16	14 2	3 55	20 5	3 39	19 44	1 35	12 59	0 47	3 38	1 24	20 2	1 29	20 17	0 1	20 11	1 18	10 59	7 51	9 12	8 44	19 5		n.a.
W 6	23 10	18 45	4 30	20 8	3 36	19 23	1 34	12 43	0 46	3 40	1 24	20 3	1 30	20 17	0 1	20 11	1 18	10 59	7 51	9 13	8 45	19 8		n.a.
T 7	23 4	22 46	4 54	20 13	3 31	19 1	1 33	12 26	0 45	3 41	1 25	20 5	1 30	20 16	0 1	20 11	1 18	10 59	7 51	9 15	8 47	19 10		n.a.
F 8	22 58	25 52	5 5	20 19	3 24	18 39	1 32	12 10	0 44	3 43	1 25	20 6	1 30	20 16	0 1	20 12	1 18	10 59	7 51	9 18	8 48	19 13		n.a.
S 9	22 51	27 50	5 3	20 27	3 16	18 17	1 31	11 53	0 44	3 44	1 25	20 7	1 30	20 16	0 1	20 12	1 18	10 59	7 50	9 22	8 49	19 15		n.a.
S 10	22 44	28 28	4 46	20 35	3 7	17 54	1 30	11 36	0 43	3 46	1 25	20 8	1 30	20 15	0 1	20 12	1 18	10 59	7 50	9 25	8 50	19 18		n.a.
M11	22 37	27 39	4 16	20 45	2 57	17 30	1 28	11 19	0 42	3 47	1 26	20 10	1 30	20 15	0 1	20 13	1 18	10 59	7 50	9 29	8 51	19 20		n.a.
T 12	22 29	25 22	3 32	20 55	2 47	17 6	1 27	11 2	0 41	3 49	1 26	20 11	1 31	20 15	0 1	20 13	1 18	10 59	7 50	9 32	8 53	19 23		n.a.
W13	22 20	21 45	2 36	21 6	2 36	16 42	1 26	10 45	0 40	3 50	1 26	20 12	1 31	20 14	0 1	20 13	1 18	10 59	7 50	9 34	8 54	19 26		n.a.
T 14	22 11	16 58	1 32	21 17	2 25	16 17	1 24	10 28	0 39	3 51	1 26	20 14	1 31	20 14	0 1	20 13	1 18	10 59	7 49	9 36	8 55	19 28		n.a.
F 15	22 2	11 20	0 21	21 29	2 14	15 51	1 23	10 11	0 39	3 52	1 26	20 15	1 31	20 14	0 1	20 14	1 18	10 59	7 49	9 36	8 56	19 31		n.a.
S 16	21 52	5 5	0n52	21 41	2 2	15 26	1 21	9 54	0 38	3 53	1 27	20 16	1 31	20 13	0 1	20 14	1 18	10 59	7 49	9 36	8 57	19 33		n.a.
S 17	21 42	1n28	2 3	21 53	1 51	14 59	1 19	9 37	0 37	3 54	1 27	20 17	1 31	20 13	0 1	20 14	1 18	10 59	7 49	9 36	8 59	19 36		n.a.
M18	21 31	8 1	3 8	22 4	1 39	14 33	1 18	9 20	0 36	3 55	1 27	20 19	1 31	20 13	0 1	20 15	1 18	10 59	7 49	9 35	9 0	19 38		n.a.
T 19	21 20	14 15	4 3	22 16	1 28	14 6	1 16	9 2	0 35	3 56	1 27	20 20	1 32	20 13	0 1	20 15	1 18	10 59	7 48	9 35	9 1	19 41		n.a.
W20	21 9	19 48	4 43	22 28	1 17	13 39	1 14	8 45	0 35	3 56	1 28	20 21	1 32	20 13	0 1	20 15	1 18	10 59	7 48	9 35	9 2	19 43		n.a.
T 21	20 57	24 17	5 5	22 38	1 6	13 11	1 12	8 27	0 34	3 57	1 28	20 23	1 32	20 12	0 1	20 15	1 18	10 59	7 48	9 36	9 3	19 46		n.a.
F 22	20 45	27 17	5 9	22 49	0 55	12 43	1 10	8 10	0 33	3 58	1 28	20 24	1 32	20 12	0 1	20 16	1 18	10 59	7 48	9 38	9 5	19 48		n.a.
S 23	20 32	28 30	4 54	22 59	0 44	12 15	1 8	7 52	0 32	3 58	1 28	20 25	1 32	20 12	0 1	20 16	1 18	11 0	7 48	9 40	9 6	19 51		n.a.
S 24	20 20	27 48	4 20	23 8	0 33	11 47	1 6	7 35	0 31	3 59	1 29	20 27	1 32	20 12	0 1	20 16	1 18	11 0	7 47	9 42	9 7	19 53		n.a.
M25	20 6	25 18	3 31	23 17	0 23	11 18	1 4	7 17	0 31	3 59	1 29	20 28	1 32	20 12	0 1	20 16	1 18	11 0	7 47	9 44	9 8	19 56		n.a.
T 26	19 53	21 20	2 30	23 24	0 13	10 49	1 1	7 0	0 30	3 59	1 29	20 29	1 32	20 11	0 1	20 17	1 18	11 0	7 47	9 46	9 9	19 58		n.a.
W27	19 39	16 20	1 22	23 31	0 3	10 19	0 59	6 42	0 29	4 0	1 29	20 31	1 32	20 11	0 1	20 17	1 18	11 0	7 47	9 46	9 10	20 1		n.a.
T 28	19 24	10 42	0 11	23 37	0s 6	9 50	0 56	6 24	0 28	4 0	1 30	20 32	1 33	20 11	0 1	20 17	1 18	11 0	7 47	9 47	9 12	20 3		n.a.
F 29	19 10	4 45	0s59	23 42	0 16	9 20	0 54	6 6	0 27	4 0	1 30	20 33	1 33	20 11	0 1	20 17	1 18	11 0	7 46	9 47	9 13	20 6		n.a.
S 30	18 55	1s13	2 4	23 45	0 24	8 50	0 51	5 49	0 27	4 0	1 30	20 34	1 33	20 11	0 1	20 17	1 18	11 1	7 46	9 46	9 14	20 8		n.a.
S 31	18s39	7s 1	3s 2	23s48	0s33	8s19	0s49	5s31	0s26	4s 0	1n30	20n36	1n33	20n11	0s 1	20s18	1n18	11n 1	7s46	9s46	9s15	20s11		n.a.

Julian Day Number = 1604543.5, Delta T = 03h57m04s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'23, Lahiri = - 8°22'23 Julian Calendar 1 Jan. 320 BCE == Greg. Calendar 27 Dec. 321 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

FEBRUARY 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 26 12	8♒22'04	22♎36	12♑29	12♓ 6	17♓55	13♎28	5°R33	29°R 1	6♐ 3	22°R 6	5♓ 7	6♓24	12♏25	n.a.	M 1
T 2	8 30 8	9°22'06	4♏30	13°45	13°18	18°38	13°R28	5♌28	29♉ 0	6° 4	22♉ 5	5°R 8	6°21	12°31	n.a.	T 2
W 3	8 34 5	10°22'06	16°22	15° 3	14°31	19°22	13°28	5°23	29° 0	6° 5	22° 5	5° 8	6°18	12°38	n.a.	W 3
T 4	8 38 1	11°22'04	28°16	16°22	15°43	20° 5	13°28	5°19	29° 0	6° 6	22° 5	5° 7	6°14	12°45	n.a.	T 4
F 5	8 41 58	12°22'00	10♐17	17°43	16°55	20°48	13°27	5°14	28°59	6° 8	22° 5	5° 5	6°11	12°52	n.a.	F 5
S 6	8 45 55	13°21'55	22°29	19° 6	18° 8	21°31	13°26	5° 9	28°59	6° 9	22° 5	5° 2	6° 8	12°58	n.a.	S 6
S 7	8 49 51	14°21'48	4♑55	20°29	19°20	22°14	13°25	5° 5	28°59	6°10	22° 5	4°59	6° 5	13° 5	n.a.	S 7
M 8	8 53 48	15°21'39	17°38	21°55	20°32	22°57	13°24	5° 0	28°59	6°11	22°D 5	4°55	6° 2	13°12	n.a.	M 8
T 9	8 57 44	16°21'28	0♒39	23°21	21°44	23°40	13°23	4°55	28°D59	6°12	22° 5	4°53	5°59	13°18	n.a.	T 9
W10	9 1 41	17°21'15	13°57	24°49	22°56	24°23	13°21	4°51	28°59	6°13	22° 5	4°51	5°55	13°25	n.a.	W10
T 11	9 5 37	18°20'59	27°31	26°18	24° 8	25° 6	13°20	4°46	28°59	6°14	22° 5	4°50	5°52	13°32	n.a.	T 11
F 12	9 9 34	19°20'42	11♓20	27°49	25°20	25°49	13°18	4°41	28°59	6°15	22° 5	4°D50	5°49	13°39	n.a.	F 12
S 13	9 13 30	20°20'22	25°20	29°21	26°31	26°32	13°16	4°37	28°59	6°16	22° 5	4°51	5°46	13°45	n.a.	S 13
S 14	9 17 27	21°20'00	9♈27	0♒54	27°43	27°15	13°14	4°32	28°59	6°17	22° 5	4°52	5°43	13°52	n.a.	S 14
M15	9 21 24	22°19'36	23°40	2°28	28°54	27°58	13°11	4°28	29° 0	6°18	22° 5	4°53	5°39	13°59	n.a.	M15
T 16	9 25 20	23°19'09	7♉54	4° 4	0♈ 6	28°40	13° 8	4°24	29° 0	6°19	22° 6	4°53	5°36	14° 5	n.a.	T 16
W17	9 29 17	24°18'40	22° 8	5°41	1°17	29°23	13° 6	4°19	29° 0	6°19	22° 6	4°R54	5°33	14°12	n.a.	W17
T 18	9 33 13	25°18'09	6♊18	7°19	2°28	0♈ 6	13° 3	4°15	29° 1	6°20	22° 6	4°54	5°30	14°19	n.a.	T 18
F 19	9 37 10	26°17'35	20°23	8°59	3°39	0°48	13° 0	4°11	29° 1	6°21	22° 6	4°53	5°27	14°26	n.a.	F 19
S 20	9 41 6	27°16'59	4♋20	10°39	4°50	1°31	12°56	4° 6	29° 2	6°22	22° 6	4°52	5°24	14°32	n.a.	S 20
S 21	9 45 3	28°16'20	18° 8	12°21	6° 1	2°13	12°53	4° 2	29° 2	6°22	22° 7	4°51	5°20	14°39	n.a.	S 21
M22	9 48 59	29°15'39	1♌44	14° 5	7°12	2°56	12°49	3°58	29° 3	6°23	22° 7	4°51	5°17	14°46	n.a.	M22
T 23	9 52 56	0♓14'55	15° 7	15°49	8°23	3°38	12°45	3°54	29° 4	6°24	22° 7	4°50	5°14	14°52	n.a.	T 23
W24	9 56 53	1°14'10	28°16	17°36	9°33	4°20	12°41	3°50	29° 5	6°24	22° 8	4°50	5°11	14°59	n.a.	W24
T 25	10 0 49	2°13'22	11♍10	19°23	10°44	5° 3	12°37	3°46	29° 5	6°25	22° 8	4°D50	5° 8	15° 6	n.a.	T 25
F 26	10 4 46	3°12'32	23°48	21°12	11°54	5°45	12°33	3°42	29° 6	6°25	22° 8	4°50	5° 5	15°13	n.a.	F 26
S 27	10 8 42	4°11'40	6♎13	23° 2	13° 4	6°27	12°28	3°39	29° 7	6°26	22° 9	4°50	5° 1	15°19	n.a.	S 27
S 28	10 12 39	5♓10'45	18♎24	24♒53	14♈14	7♈ 9	12♎24	3♌35	29♉ 8	6♐26	22♉ 9	4°R50	4♓58	15♏26	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s24	12s28	3s52	23s50	0s41	7s49	0s46	5s13	0s25	4s 0	1n30	20n37	1n33	20n11	0s 1	20s18	1n18	11n 1	7s46	9s45	9s16	20s13		n.a.
T 2	18 8	17 25	4 30	23 50	0 49	7 18	0 43	4 55	0 24	3 59	1 31	20 38	1 33	20 11	0 1	20 18	1 18	11 1	7 46	9 45	9 18	20 16		n.a.
W 3	17 52	21 41	4 58	23 49	0 57	6 48	0 41	4 37	0 24	3 59	1 31	20 40	1 33	20 10	0 1	20 18	1 18	11 1	7 45	9 45	9 19	20 18		n.a.
T 4	17 35	25 5	5 12	23 47	1 4	6 17	0 38	4 20	0 23	3 59	1 31	20 41	1 33	20 10	0 1	20 18	1 18	11 1	7 45	9 45	9 20	20 21		n.a.
F 5	17 18	27 25	5 13	23 43	1 11	5 46	0 35	4 2	0 22	3 58	1 31	20 42	1 33	20 10	0 1	20 19	1 18	11 2	7 45	9 46	9 21	20 23		n.a.
S 6	17 1	28 30	5 0	23 38	1 18	5 14	0 32	3 44	0 21	3 58	1 32	20 43	1 33	20 10	0 1	20 19	1 19	11 2	7 45	9 47	9 22	20 25		n.a.
S 7	16 43	28 11	4 33	23 32	1 24	4 43	0 29	3 26	0 21	3 57	1 32	20 44	1 33	20 10	0 1	20 19	1 19	11 2	7 44	9 48	9 24	20 28		n.a.
M 8	16 26	26 23	3 51	23 24	1 30	4 11	0 26	3 8	0 20	3 57	1 32	20 46	1 33	20 10	0 1	20 19	1 19	11 2	7 44	9 49	9 25	20 30		n.a.
T 9	16 8	23 9	2 57	23 15	1 35	3 40	0 23	2 50	0 19	3 56	1 32	20 47	1 33	20 10	0 0	20 19	1 19	11 2	7 44	9 50	9 26	20 33		n.a.
W10	15 49	18 39	1 53	23 5	1 41	3 8	0 20	2 32	0 18	3 55	1 33	20 48	1 33	20 10	0 0	20 19	1 19	11 3	7 44	9 51	9 27	20 35		n.a.
T 11	15 31	13 7	0 40	22 53	1 45	2 37	0 16	2 14	0 18	3 54	1 33	20 49	1 34	20 10	0 0	20 20	1 19	11 3	7 44	9 51	9 28	20 38		n.a.
F 12	15 12	6 51	0n36	22 39	1 50	2 5	0 13	1 56	0 17	3 53	1 33	20 50	1 34	20 10	0 0	20 20	1 19	11 3	7 43	9 51	9 29	20 40		n.a.
S 13	14 53	0 11	1 51	22 24	1 54	1 33	0 10	1 38	0 16	3 52	1 33	20 52	1 34	20 10	0 0	20 20	1 19	11 3	7 43	9 51	9 31	20 42		n.a.
S 14	14 34	6n33	3 0	22 7	1 57	1 1	0 6	1 21	0 15	3 51	1 33	20 53	1 34	20 10	0 0	20 20	1 19	11 4	7 43	9 51	9 32	20 45		n.a.
M15	14 14	12 59	3 58	21 48	2 1	0 29	0 3	1 3	0 15	3 50	1 34	20 54	1 34	20 11	0 0	20 20	1 19	11 4	7 43	9 50	9 33	20 47		n.a.
T 16	13 55	18 45	4 42	21 28	2 3	0n 3	0n 0	0 45	0 14	3 49	1 34	20 55	1 34	20 11	0 0	20 20	1 19	11 4	7 42	9 50	9 34	20 50		n.a.
W17	13 35	23 29	5 9	21 7	2 6	0 34	0 4	0 27	0 13	3 48	1 34	20 56	1 34	20 11	0 0	20 20	1 19	11 4	7 42	9 50	9 35	20 52		n.a.
T 18	13 15	26 49	5 16	20 44	2 8	1 6	0 7	0 9	0 12	3 46	1 34	20 57	1 34	20 11	0 0	20 20	1 19	11 5	7 42	9 50	9 37	20 54		n.a.
F 19	12 54	28 27	5 5	20 19	2 9	1 38	0 11	0n 9	0 12	3 45	1 34	20 58	1 34	20 11	0 0	20 20	1 19	11 5	7 42	9 50	9 38	20 57		n.a.
S 20	12 34	28 15	4 36	19 52	2 10	2 10	0 14	0 26	0 11	3 43	1 35	20 59	1 34	20 11	0 0	20 21	1 19	11 5	7 42	9 51	9 39	20 59		n.a.
S 21	12 13	26 18	3 51	19 24	2 11	2 42	0 18	0 44	0 10	3 42	1 35	21 0	1 34	20 11	0 0	20 21	1 19	11 5	7 41	9 51	9 40	21 1		n.a.
M22	11 52	22 50	2 53	18 54	2 11	3 13	0 22	1 2	0 10	3 40	1 35	21 1	1 34	20 11	0 0	20 21	1 19	11 6	7 41	9 51	9 41	21 4		n.a.
T 23	11 31	18 12	1 47	18 22	2 11	3 45	0 25	1 20	0 9	3 38	1 35	21 2	1 34	20 12	0 0	20 21	1 19	11 6	7 41	9 51	9 42	21 6		n.a.
W24	11 10	12 47	0 36	17 49	2 10	4 16	0 29	1 37	0 8	3 37	1 35	21 3	1 34	20 12	0 0	20 21	1 19	11 6	7 41	9 51	9 44	21 8		n.a.
T 25	10 49	6 56	0s35	17 13	2 9	4 48	0 32	1 55	0 7	3 35	1 36	21 4	1 34	20 12	0 0	20 21	1 19	11 7	7 40	9 51	9 45	21 11		n.a.
F 26	10 27	0 55	1 43	16 36	2 7	5 19	0 36	2 12	0 7	3 33	1 36	21 5	1 34	20 12	0 0	20 21	1 19	11 7	7 40	9 51	9 46	21 13		n.a.
S 27	10 6	5s 1	2 45	15 58	2 4	5 50	0 40	2 30	0 6	3 31	1 36	21 6	1 34	20 12	0 0	20 21	1 19	11 7	7 40	9 51	9 47	21 15		n.a.
S 28	9s44	10s40	3s39	15s18	2s 1	6n21	0n44	2n48	0s 5	3s29	1n36	21n 7	1n34	20n13	0s 0	20s21	1n19	11n 7	7s40	9s51	9s48	21s18		n.a.

Julian Day Number = 1604574.5, Delta T = 03h57m03s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'19, Lahiri = - 8°22'19 Julian Calendar 1 Feb. 320 BCE == Greg. Calendar 27 Jan. 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

MARCH 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 16 35	6♓ 9'49	0♏26	26♒46	15♈24	7♈52	12°R19	3°R31	29♉ 9	6♐27	22♉10	4°R50	4♓55	15♏33	n.a.	M 1
T 2	10 20 32	7° 8'51	12°21	28°40	16°34	8°34	12♎14	3♌28	29°10	6°27	22°10	4♓50	4°52	15°39	n.a.	T 2
W 3	10 24 28	8° 7'51	24°14	0♓36	17°44	9°16	12° 9	3°24	29°11	6°27	22°11	4°50	4°49	15°46	n.a.	W 3
T 4	10 28 25	9° 6'50	6♐ 8	2°33	18°53	9°58	12° 4	3°21	29°12	6°28	22°11	4°D50	4°45	15°53	n.a.	T 4
F 5	10 32 21	10° 5'46	18° 9	4°31	20° 3	10°40	11°58	3°17	29°14	6°28	22°12	4°50	4°42	16° 0	n.a.	F 5
S 6	10 36 18	11° 4'41	0♑20	6°31	21°12	11°22	11°53	3°14	29°15	6°28	22°12	4°50	4°39	16° 6	n.a.	S 6
S 7	10 40 15	12° 3'34	12°47	8°31	22°21	12° 4	11°47	3°11	29°16	6°29	22°13	4°50	4°36	16°13	n.a.	S 7
M 8	10 44 11	13° 2'25	25°32	10°33	23°30	12°45	11°41	3° 8	29°18	6°29	22°13	4°51	4°33	16°20	n.a.	M 8
T 9	10 48 8	14° 1'14	8♒39	12°36	24°39	13°27	11°35	3° 5	29°19	6°29	22°14	4°52	4°30	16°27	n.a.	T 9
W10	10 52 4	15° 0'01	22° 9	14°40	25°48	14° 9	11°29	3° 2	29°20	6°29	22°15	4°53	4°26	16°33	n.a.	W10
T 11	10 56 1	15°58'46	6♓ 1	16°45	26°57	14°51	11°23	2°59	29°22	6°29	22°15	4°R53	4°23	16°40	n.a.	T 11
F 12	10 59 57	16°57'29	20°13	18°51	28° 5	15°32	11°17	2°56	29°23	6°29	22°16	4°53	4°20	16°47	n.a.	F 12
S 13	11 3 54	17°56'09	4♈39	20°57	29°14	16°14	11°10	2°53	29°25	6°R29	22°17	4°52	4°17	16°53	n.a.	S 13
S 14	11 7 50	18°54'48	19°16	23° 3	0♉22	16°56	11° 4	2°51	29°27	6°29	22°17	4°50	4°14	17° 0	n.a.	S 14
M15	11 11 47	19°53'25	3♉55	25°10	1°30	17°37	10°57	2°48	29°28	6°29	22°18	4°48	4°10	17° 7	n.a.	M15
T 16	11 15 44	20°51'59	18°31	27°16	2°38	18°19	10°51	2°46	29°30	6°29	22°19	4°46	4° 7	17°14	n.a.	T 16
W17	11 19 40	21°50'31	2♊58	29°22	3°46	19° 0	10°44	2°44	29°32	6°29	22°20	4°45	4° 4	17°20	n.a.	W17
T 18	11 23 37	22°49'01	17°13	1♈26	4°53	19°42	10°37	2°41	29°34	6°29	22°20	4°D44	4° 1	17°27	n.a.	T 18
F 19	11 27 33	23°47'29	1♋12	3°30	6° 1	20°23	10°30	2°39	29°36	6°29	22°21	4°44	3°58	17°34	n.a.	F 19
S 20	11 31 30	24°45'54	14°56	5°32	7° 8	21° 4	10°23	2°37	29°38	6°28	22°22	4°45	3°55	17°40	n.a.	S 20
S 21	11 35 26	25°44'17	28°24	7°33	8°15	21°46	10°16	2°35	29°39	6°28	22°23	4°46	3°51	17°47	n.a.	S 21
M22	11 39 23	26°42'37	11♌36	9°31	9°22	22°27	10° 9	2°33	29°41	6°28	22°24	4°48	3°48	17°54	n.a.	M22
T 23	11 43 19	27°40'56	24°35	11°27	10°28	23° 8	10° 1	2°32	29°44	6°28	22°25	4°49	3°45	18° 1	n.a.	T 23
W24	11 47 16	28°39'12	7♍21	13°21	11°35	23°49	9°54	2°30	29°46	6°27	22°25	4°R49	3°42	18° 7	n.a.	W24
T 25	11 51 13	29°37'27	19°56	15°11	12°41	24°31	9°47	2°28	29°48	6°27	22°26	4°48	3°39	18°14	n.a.	T 25
F 26	11 55 9	0♈35'39	2♎19	16°58	13°47	25°12	9°39	2°27	29°50	6°27	22°27	4°46	3°36	18°21	n.a.	F 26
S 27	11 59 6	1°33'50	14°33	18°42	14°53	25°53	9°32	2°26	29°52	6°26	22°28	4°43	3°32	18°27	n.a.	S 27
S 28	12 3 2	2°31'59	26°39	20°22	15°58	26°34	9°24	2°24	29°54	6°26	22°29	4°39	3°29	18°34	n.a.	S 28
M29	12 6 59	3°30'06	8♏37	21°58	17° 4	27°15	9°17	2°23	29°57	6°25	22°30	4°34	3°26	18°41	n.a.	M29
T 30	12 10 55	4°28'11	20°31	23°31	18° 9	27°56	9° 9	2°22	29°59	6°25	22°31	4°29	3°23	18°48	n.a.	T 30
W31	12 14 52	5♈26'15	2♐24	24♈59	19♉14	28♈37	9♎ 2	2♌21	0♊ 1	6♐24	22♉32	4♓24	3♓20	18♏54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	9s22	15s50	4s22	14s35	1s58	6n52	0n47	3n 5	0s 5	3s27	1n36	21n 8	1n34	20n13	0s 0	20s21	1n19	11n 8	7s40	9s51		9s50		21s20			n.a.
T 2	9 0	20 22	4 53	13 52	1 54	7 22	0 51	3 22	0 4	3 25	1 36	21 9	1 34	20 13	0 0	20 21	1 19	11 8	7 39	9 51		9 51		21 22			n.a.
W 3	8 37	24 5	5 11	13 6	1 50	7 53	0 55	3 40	0 3	3 23	1 36	21 9	1 34	20 13	0 0	20 21	1 19	11 8	7 39	9 52		9 52		21 25			n.a.
T 4	8 15	26 48	5 17	12 19	1 45	8 23	0 59	3 57	0 3	3 21	1 37	21 10	1 34	20 14	0 0	20 21	1 19	11 9	7 39	9 52		9 53		21 27			n.a.
F 5	7 53	28 19	5 8	11 31	1 39	8 53	1 2	4 14	0 2	3 18	1 37	21 11	1 34	20 14	0 0	20 21	1 19	11 9	7 39	9 52		9 54		21 29			n.a.
S 6	7 30	28 30	4 46	10 40	1 33	9 23	1 6	4 32	0 1	3 16	1 37	21 12	1 34	20 14	0 0	20 21	1 19	11 9	7 39	9 51		9 55		21 31			n.a.
S 7	7 7	27 16	4 10	9 48	1 26	9 53	1 10	4 49	0 1	3 14	1 37	21 12	1 34	20 14	0 0	20 21	1 20	11 10	7 38	9 51		9 57		21 34			n.a.
M 8	6 45	24 35	3 21	8 55	1 19	10 23	1 14	5 6	0n 0	3 11	1 37	21 13	1 34	20 15	0 0	20 21	1 20	11 10	7 38	9 51		9 58		21 36			n.a.
T 9	6 22	20 34	2 20	8 1	1 12	10 52	1 17	5 23	0 1	3 9	1 37	21 14	1 34	20 15	0 0	20 21	1 20	11 10	7 38	9 51		9 59		21 38			n.a.
W10	5 59	15 24	1 10	7 5	1 3	11 21	1 21	5 40	0 1	3 6	1 37	21 14	1 34	20 15	0 0	20 21	1 20	11 11	7 38	9 50		10 0		21 40			n.a.
T 11	5 36	9 19	0n 6	6 8	0 55	11 49	1 25	5 57	0 2	3 4	1 38	21 15	1 34	20 16	0 0	20 21	1 20	11 11	7 38	9 50		10 1		21 43			n.a.
F 12	5 13	2 39	1 24	5 10	0 45	12 18	1 28	6 14	0 3	3 1	1 38	21 16	1 34	20 16	0 0	20 21	1 20	11 12	7 37	9 50		10 2		21 45			n.a.
S 13	4 50	4n16	2 37	4 11	0 36	12 46	1 32	6 31	0 3	2 59	1 38	21 16	1 34	20 16	0 0	20 21	1 20	11 12	7 37	9 51		10 4		21 47			n.a.
S 14	4 26	11 2	3 41	3 11	0 26	13 14	1 36	6 48	0 4	2 56	1 38	21 17	1 33	20 17	0 0	20 21	1 20	11 12	7 37	9 51		10 5		21 49			n.a.
M15	4 3	17 13	4 31	2 11	0 15	13 42	1 39	7 4	0 5	2 53	1 38	21 17	1 33	20 17	0 0	20 21	1 20	11 13	7 37	9 52		10 6		21 52			n.a.
T 16	3 40	22 24	5 3	1 10	0 5	14 9	1 43	7 21	0 5	2 51	1 38	21 18	1 33	20 17	0 0	20 21	1 20	11 13	7 37	9 53		10 7		21 54			n.a.
W17	3 16	26 10	5 15	0 10	0n 6	14 36	1 47	7 37	0 6	2 48	1 38	21 18	1 33	20 18	0 0	20 21	1 20	11 13	7 36	9 53		10 8		21 56			n.a.
T 18	2 53	28 13	5 8	0n51	0 17	15 2	1 50	7 54	0 7	2 45	1 38	21 19	1 33	20 18	0 0	20 21	1 20	11 14	7 36	9 54		10 9		21 58			n.a.
F 19	2 30	28 26	4 43	1 51	0 29	15 29	1 54	8 10	0 7	2 42	1 38	21 19	1 33	20 19	0 0	20 21	1 20	11 14	7 36	9 54		10 11		22 1			n.a.
S 20	2 6	26 53	4 1	2 50	0 40	15 54	1 57	8 27	0 8	2 39	1 38	21 20	1 33	20 19	0 0	20 21	1 20	11 15	7 36	9 53		10 12		22 3			n.a.
S 21	1 43	23 48	3 7	3 49	0 51	16 20	2 1	8 43	0 9	2 37	1 38	21 20	1 33	20 20	0 0	20 21	1 20	11 15	7 36	9 53		10 13		22 5			n.a.
M22	1 19	19 30	2 4	4 46	1 2	16 45	2 4	8 59	0 9	2 34	1 38	21 21	1 33	20 20	0 0	20 21	1 20	11 15	7 35	9 52		10 14		22 7			n.a.
T 23	0 56	14 22	0 56	5 42	1 13	17 10	2 8	9 15	0 10	2 31	1 38	21 21	1 33	20 20	0 0	20 20	1 20	11 16	7 35	9 52		10 15		22 9			n.a.
W24	0 33	8 42	0s14	6 36	1 23	17 34	2 11	9 31	0 10	2 28	1 38	21 21	1 33	20 21	0 0	20 20	1 20	11 16	7 35	9 52		10 16		22 11			n.a.
T 25	0 9	2 47	1 22	7 29	1 34	17 58	2 14	9 47	0 11	2 25	1 38	21 22	1 33	20 21	0 0	20 20	1 20	11 17	7 35	9 52		10 18		22 14			n.a.
F 26	0n14	3s 9	2 25	8 20	1 43	18 21	2 18	10 3	0 12	2 22	1 38	21 22	1 33	20 22	0 0	20 20	1 20	11 17	7 35	9 53		10 19		22 16			n.a.
S 27	0 38	8 53	3 21	9 9	1 53	18 44	2 21	10 19	0 12	2 19	1 38	21 22	1 33	20 22	0 0	20 20	1 20	11 17	7 34	9 54		10 20		22 18			n.a.
S 28	1 1	14 13	4 6	9 55	2 1	19 7	2 24	10 34	0 13	2 16	1 38	21 22	1 33	20 23	0 0	20 20	1 20	11 18	7 34	9 56		10 21		22 20			n.a.
M29	1 25	18 58	4 41	10 39	2 9	19 29	2 27	10 50	0 13	2 13	1 38	21 22	1 33	20 23	0 0	20 20	1 20	11 18	7 34	9 57		10 22		22 22			n.a.
T 30	1 48	22 57	5 3	11 21	2 17	19 51	2 30	11 5	0 14	2 10	1 38	21 23	1 33	20 24	0 0	20 20	1 20	11 19	7 34	9 59		10 23		22 24			n.a.
W31	2n11	25s59	5s12	12n 0	2n23	20n12	2n33	11n20	0n15	2s 7	1n38	21n23	1n32	20n24	0s 0	20s20	1n20	11n19	7s34	10s 1		10s25		22s26			n.a.

Julian Day Number = 1604602.5, Delta T = 03h57m02s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'15, Lahiri = - 8°22'15 Julian Calendar 1 March 320 BCE == Greg. Calendar 24 Feb. 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

APRIL 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 18 48	6♈24'18	14♐17	26♈23	20♉18	29♈18	8°R54	2°R20	0♊ 4	6°R23	22♉33	4°R21	3♓16	19♏ 1	n.a.	T 1
F 2	12 22 45	7°22'18	26°17	27°43	21°23	29°58	8♎46	2♌20	0° 6	6♐23	22°34	4♓19	3°13	19° 8	n.a.	F 2
S 3	12 26 41	8°20'18	8♑26	28°59	22°27	0♉39	8°39	2°19	0° 9	6°22	22°35	4°D18	3°10	19°14	n.a.	S 3
S 4	12 30 38	9°18'16	20°50	0♉10	23°31	1°20	8°31	2°19	0°11	6°22	22°36	4°18	3° 7	19°21	n.a.	S 4
M 5	12 34 35	10°16'13	3♒32	1°17	24°35	2° 1	8°23	2°18	0°14	6°21	22°37	4°20	3° 4	19°28	n.a.	M 5
T 6	12 38 31	11°14'08	16°38	2°20	25°38	2°41	8°16	2°18	0°16	6°20	22°39	4°21	3° 1	19°35	n.a.	T 6
W 7	12 42 28	12°12'01	0♓ 9	3°18	26°41	3°22	8° 8	2°18	0°19	6°19	22°40	4°R22	2°57	19°41	n.a.	W 7
T 8	12 46 24	13° 9'54	14° 8	4°11	27°44	4° 3	8° 0	2°17	0°22	6°19	22°41	4°22	2°54	19°48	n.a.	T 8
F 9	12 50 21	14° 7'44	28°31	4°59	28°47	4°43	7°53	2°D17	0°24	6°18	22°42	4°20	2°51	19°55	n.a.	F 9
S 10	12 54 17	15° 5'34	13♈16	5°43	29°49	5°24	7°45	2°18	0°27	6°17	22°43	4°16	2°48	20° 2	n.a.	S 10
S 11	12 58 14	16° 3'21	28°15	6°22	0♊51	6° 4	7°38	2°18	0°30	6°16	22°44	4°11	2°45	20° 8	n.a.	S 11
M12	13 2 10	17° 1'07	13♉19	6°56	1°53	6°45	7°30	2°18	0°33	6°15	22°45	4° 4	2°42	20°15	n.a.	M12
T 13	13 6 7	17°58'52	28°19	7°25	2°54	7°25	7°23	2°19	0°36	6°14	22°47	3°58	2°38	20°22	n.a.	T 13
W14	13 10 4	18°56'35	13♊ 5	7°49	3°55	8° 6	7°15	2°19	0°38	6°13	22°48	3°53	2°35	20°28	n.a.	W14
T 15	13 14 0	19°54'16	27°33	8° 9	4°56	8°46	7° 8	2°20	0°41	6°12	22°49	3°49	2°32	20°35	n.a.	T 15
F 16	13 17 57	20°51'56	11♋37	8°23	5°56	9°26	7° 1	2°20	0°44	6°11	22°50	3°47	2°29	20°42	n.a.	F 16
S 17	13 21 53	21°49'34	25°19	8°32	6°56	10° 7	6°54	2°21	0°47	6°10	22°52	3°D47	2°26	20°49	n.a.	S 17
S 18	13 25 50	22°47'10	8♌38	8°R37	7°56	10°47	6°46	2°22	0°50	6° 9	22°53	3°47	2°22	20°55	n.a.	S 18
M19	13 29 46	23°44'44	21°37	8°36	8°55	11°27	6°39	2°23	0°53	6° 8	22°54	3°49	2°19	21° 2	n.a.	M19
T 20	13 33 43	24°42'17	4♍20	8°31	9°54	12° 7	6°32	2°24	0°56	6° 7	22°55	3°R49	2°16	21° 9	n.a.	T 20
W21	13 37 39	25°39'49	16°49	8°22	10°52	12°47	6°26	2°26	0°59	6° 6	22°57	3°48	2°13	21°15	n.a.	W21
T 22	13 41 36	26°37'18	29° 8	8° 8	11°50	13°28	6°19	2°27	1° 2	6° 5	22°58	3°45	2°10	21°22	n.a.	T 22
F 23	13 45 33	27°34'47	11♎18	7°51	12°47	14° 8	6°12	2°28	1° 5	6° 4	22°59	3°40	2° 7	21°29	n.a.	F 23
S 24	13 49 29	28°32'14	23°21	7°29	13°44	14°48	6° 5	2°30	1° 9	6° 3	23° 0	3°32	2° 3	21°36	n.a.	S 24
S 25	13 53 26	29°29'40	5♏19	7° 5	14°41	15°28	5°59	2°32	1°12	6° 1	23° 2	3°23	2° 0	21°42	n.a.	S 25
M26	13 57 22	0♉27'05	17°14	6°37	15°37	16° 8	5°52	2°33	1°15	6° 0	23° 3	3°12	1°57	21°49	n.a.	M26
T 27	14 1 19	1°24'29	29° 7	6° 8	16°32	16°48	5°46	2°35	1°18	5°59	23° 4	3° 1	1°54	21°56	n.a.	T 27
W28	14 5 15	2°21'52	10♐59	5°36	17°27	17°28	5°40	2°37	1°21	5°58	23° 6	2°51	1°51	22° 2	n.a.	W28
T 29	14 9 12	3°19'14	22°54	5° 3	18°22	18° 7	5°34	2°39	1°25	5°56	23° 7	2°43	1°47	22° 9	n.a.	T 29
F 30	14 13 8	4♉16'36	4♑54	4♉29	19♊16	18♉47	5♎28	2♌41	1♊28	5♐55	23♉ 8	2♓37	1♓44	22♏16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n34	27s53	5s 7	12n37	2n29	20n33	2n36	11n36	0n15	2s 4	1n38	21n23	1n32	20n25	0n 0	20s19	1n20	11n19	7s34	10s 2	10s26	22s29		n.a.
F 2	2 58	28 30	4 49	13 11	2 34	20 53	2 39	11 51	0 16	2 1	1 38	21 23	1 32	20 25	0 0	20 19	1 20	11 20	7 33	10 3	10 27	22 31		n.a.
S 3	3 21	27 46	4 18	13 43	2 39	21 12	2 41	12 6	0 16	1 58	1 38	21 23	1 32	20 26	0 0	20 19	1 20	11 20	7 33	10 3	10 28	22 33		n.a.
S 4	3 44	25 38	3 35	14 12	2 42	21 32	2 44	12 21	0 17	1 55	1 38	21 23	1 32	20 27	0 0	20 19	1 20	11 21	7 33	10 3	10 29	22 35		n.a.
M 5	4 7	22 12	2 40	14 38	2 45	21 50	2 47	12 36	0 18	1 52	1 38	21 23	1 32	20 27	0 0	20 19	1 20	11 21	7 33	10 3	10 30	22 37		n.a.
T 6	4 30	17 33	1 35	15 2	2 46	22 9	2 49	12 50	0 18	1 49	1 38	21 23	1 32	20 28	0 0	20 19	1 21	11 22	7 33	10 2	10 32	22 39		n.a.
W 7	4 53	11 55	0 23	15 22	2 47	22 26	2 52	13 5	0 19	1 46	1 38	21 23	1 32	20 28	0 0	20 19	1 21	11 22	7 33	10 2	10 33	22 41		n.a.
T 8	5 16	5 31	0n53	15 41	2 47	22 43	2 54	13 20	0 19	1 43	1 38	21 23	1 32	20 29	0 0	20 18	1 21	11 22	7 32	10 2	10 34	22 43		n.a.
F 9	5 38	1n21	2 7	15 56	2 45	23 0	2 56	13 34	0 20	1 40	1 38	21 23	1 32	20 29	0 0	20 18	1 21	11 23	7 32	10 2	10 35	22 45		n.a.
S 10	6 1	8 17	3 15	16 9	2 43	23 16	2 58	13 48	0 20	1 37	1 38	21 23	1 32	20 30	0 0	20 18	1 21	11 23	7 32	10 4	10 36	22 47		n.a.
S 11	6 24	14 52	4 10	16 19	2 39	23 31	3 0	14 2	0 21	1 34	1 38	21 23	1 32	20 31	0 0	20 18	1 21	11 24	7 32	10 6	10 37	22 50		n.a.
M12	6 46	20 36	4 49	16 26	2 35	23 46	3 2	14 16	0 22	1 31	1 38	21 23	1 32	20 31	0 0	20 18	1 21	11 24	7 32	10 8	10 39	22 52		n.a.
T 13	7 8	25 1	5 7	16 30	2 29	24 1	3 4	14 30	0 22	1 28	1 38	21 22	1 32	20 32	0 0	20 18	1 21	11 25	7 32	10 10	10 40	22 54		n.a.
W14	7 31	27 41	5 5	16 32	2 23	24 14	3 6	14 44	0 23	1 26	1 37	21 22	1 31	20 32	0 0	20 17	1 21	11 25	7 32	10 12	10 41	22 56		n.a.
T 15	7 53	28 25	4 43	16 31	2 15	24 27	3 8	14 58	0 23	1 23	1 37	21 22	1 31	20 33	0 0	20 17	1 21	11 25	7 31	10 14	10 42	22 58		n.a.
F 16	8 15	27 16	4 4	16 28	2 6	24 40	3 9	15 11	0 24	1 20	1 37	21 22	1 31	20 34	0 0	20 17	1 21	11 26	7 31	10 15	10 43	23 0		n.a.
S 17	8 36	24 29	3 12	16 22	1 56	24 52	3 11	15 25	0 24	1 17	1 37	21 21	1 31	20 34	0 0	20 17	1 21	11 26	7 31	10 15	10 44	23 2		n.a.
S 18	8 58	20 26	2 11	16 13	1 46	25 3	3 12	15 38	0 25	1 15	1 37	21 21	1 31	20 35	0 0	20 17	1 21	11 27	7 31	10 14	10 45	23 4		n.a.
M19	9 20	15 30	1 5	16 1	1 34	25 14	3 13	15 51	0 25	1 12	1 37	21 21	1 31	20 36	0 0	20 16	1 21	11 27	7 31	10 14	10 47	23 6		n.a.
T 20	9 41	10 0	0s 3	15 48	1 21	25 24	3 14	16 4	0 26	1 9	1 37	21 21	1 31	20 36	0 0	20 16	1 21	11 28	7 31	10 14	10 48	23 8		n.a.
W21	10 2	4 12	1 9	15 32	1 7	25 34	3 15	16 17	0 26	1 7	1 36	21 20	1 31	20 37	0 0	20 16	1 21	11 28	7 31	10 14	10 49	23 10		n.a.
T 22	10 23	1s39	2 12	15 13	0 53	25 43	3 16	16 30	0 27	1 4	1 36	21 20	1 31	20 37	0 0	20 16	1 21	11 28	7 31	10 15	10 50	23 12		n.a.
F 23	10 44	7 23	3 7	14 53	0 37	25 52	3 16	16 43	0 27	1 1	1 36	21 19	1 31	20 38	0 0	20 16	1 21	11 29	7 30	10 17	10 51	23 14		n.a.
S 24	11 5	12 47	3 53	14 31	0 21	25 59	3 17	16 55	0 28	0 59	1 36	21 19	1 31	20 39	0 0	20 15	1 21	11 29	7 30	10 20	10 52	23 16		n.a.
S 25	11 26	17 40	4 29	14 7	0 5	26 7	3 17	17 8	0 29	0 57	1 36	21 18	1 31	20 39	0 0	20 15	1 21	11 30	7 30	10 23	10 54	23 18		n.a.
M26	11 46	21 51	4 52	13 42	0s12	26 13	3 18	17 20	0 29	0 54	1 36	21 18	1 30	20 40	0 0	20 15	1 21	11 30	7 30	10 27	10 55	23 20		n.a.
T 27	12 7	25 8	5 3	13 16	0 29	26 19	3 18	17 32	0 30	0 52	1 35	21 17	1 30	20 41	0 0	20 15	1 21	11 31	7 30	10 31	10 56	23 22		n.a.
W28	12 27	27 20	5 1	12 49	0 46	26 25	3 17	17 44	0 30	0 49	1 35	21 17	1 30	20 41	0 0	20 14	1 21	11 31	7 30	10 35	10 57	23 24		n.a.
T 29	12 46	28 18	4 45	12 22	1 3	26 30	3 17	17 56	0 31	0 47	1 35	21 16	1 30	20 42	0 0	20 14	1 21	11 31	7 30	10 38	10 58	23 26		n.a.
F 30	13n 6	27s56	4s17	11n55	1s20	26n34	3n17	18n 7	0n31	0s45	1n35	21n16	1n30	20n43	0n 0	20s14	1n21	11n32	7s30	10s40	10s59	23s27		n.a.

Julian Day Number = 1604633.5, Delta T = 03h57m01s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'11, Lahiri = - 8°22'11 Julian Calendar 1 Apr. 320 BCE == Greg. Calendar 27 March 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

MAY 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 17 5	5♉13'56	17♊ 2	3°R56	20♊ 9	19♉27	5°R22	2♌43	1♊31	5°R54	23♉10	2°R33	1♓41	22♏23	n.a.	S 1
S 2	14 21 2	6°11'16	29°23	3♉22	21° 2	20° 7	5♎16	2°46	1°34	5♐52	23°11	2♓31	1°38	22°29	n.a.	S 2
M 3	14 24 58	7° 8'35	12♒ 2	2°50	21°54	20°47	5°11	2°48	1°38	5°51	23°13	2°D31	1°35	22°36	n.a.	M 3
T 4	14 28 55	8° 5'54	25° 3	2°19	22°46	21°26	5° 5	2°51	1°41	5°50	23°14	2°31	1°32	22°43	n.a.	T 4
W 5	14 32 51	9° 3'11	8♓29	1°51	23°37	22° 6	5° 0	2°53	1°44	5°48	23°15	2°R31	1°28	22°50	n.a.	W 5
T 6	14 36 48	10° 0'29	22°24	1°25	24°27	22°46	4°55	2°56	1°48	5°47	23°17	2°30	1°25	22°56	n.a.	T 6
F 7	14 40 44	10°57'45	6♈48	1° 2	25°16	23°26	4°50	2°59	1°51	5°46	23°18	2°26	1°22	23° 3	n.a.	F 7
S 8	14 44 41	11°55'01	21°36	0°42	26° 5	24° 5	4°45	3° 2	1°55	5°44	23°20	2°20	1°19	23°10	n.a.	S 8
S 9	14 48 37	12°52'17	6♉44	0°26	26°53	24°45	4°40	3° 5	1°58	5°43	23°21	2°12	1°16	23°16	n.a.	S 9
M10	14 52 34	13°49'31	22° 1	0°14	27°40	25°24	4°36	3° 8	2° 1	5°41	23°22	2° 2	1°13	23°23	n.a.	M10
T 11	14 56 31	14°46'46	7♊17	0° 6	28°27	26° 4	4°31	3°11	2° 5	5°40	23°24	1°52	1° 9	23°30	n.a.	T 11
W12	15 0 27	15°43'59	22°19	0°D 2	29°12	26°43	4°27	3°14	2° 8	5°38	23°25	1°43	1° 6	23°37	n.a.	W12
T 13	15 4 24	16°41'12	7♋ 1	0° 3	29°57	27°23	4°23	3°18	2°12	5°37	23°27	1°36	1° 3	23°43	n.a.	T 13
F 14	15 8 20	17°38'23	21°16	0° 8	0♋41	28° 2	4°19	3°21	2°15	5°35	23°28	1°31	1° 0	23°50	n.a.	F 14
S 15	15 12 17	18°35'34	5♌ 2	0°18	1°24	28°42	4°15	3°25	2°19	5°34	23°29	1°29	0°57	23°57	n.a.	S 15
S 16	15 16 13	19°32'44	18°22	0°32	2° 6	29°21	4°11	3°28	2°22	5°32	23°31	1°D29	0°53	24° 4	n.a.	S 16
M17	15 20 10	20°29'54	1♍18	0°51	2°46	0♊ 1	4° 8	3°32	2°26	5°31	23°32	1°R29	0°50	24°10	n.a.	M17
T 18	15 24 7	21°27'02	13°54	1°14	3°26	0°40	4° 5	3°36	2°29	5°29	23°34	1°28	0°47	24°17	n.a.	T 18
W19	15 28 3	22°24'10	26°15	1°43	4° 5	1°19	4° 2	3°40	2°33	5°28	23°35	1°26	0°44	24°24	n.a.	W19
T 20	15 32 0	23°21'17	8♎24	2°15	4°42	1°58	3°59	3°44	2°37	5°26	23°37	1°22	0°41	24°30	n.a.	T 20
F 21	15 35 56	24°18'23	20°25	2°52	5°18	2°38	3°56	3°48	2°40	5°24	23°38	1°15	0°38	24°37	n.a.	F 21
S 22	15 39 53	25°15'29	2♏21	3°33	5°53	3°17	3°53	3°52	2°44	5°23	23°39	1° 5	0°34	24°44	n.a.	S 22
S 23	15 43 49	26°12'35	14°15	4°19	6°27	3°56	3°51	3°56	2°47	5°21	23°41	0°52	0°31	24°51	n.a.	S 23
M24	15 47 46	27° 9'41	26° 8	5° 8	7° 0	4°35	3°49	4° 0	2°51	5°20	23°42	0°39	0°28	24°57	n.a.	M24
T 25	15 51 42	28° 6'46	8♐ 1	6° 2	7°31	5°15	3°47	4° 5	2°54	5°18	23°44	0°25	0°25	25° 4	n.a.	T 25
W26	15 55 39	29° 3'51	19°56	7° 0	8° 0	5°54	3°45	4° 9	2°58	5°16	23°45	0°12	0°22	25°11	n.a.	W26
T 27	15 59 36	0♊ 0'56	1♑54	8° 2	8°28	6°33	3°43	4°13	3° 2	5°15	23°47	0° 1	0°19	25°17	n.a.	T 27
F 28	16 3 32	0°58'01	13°59	9° 8	8°55	7°12	3°42	4°18	3° 5	5°13	23°48	29♒53	0°15	25°24	n.a.	F 28
S 29	16 7 29	1°55'06	26°11	10°18	9°19	7°51	3°40	4°23	3° 9	5°12	23°49	29°47	0°12	25°31	n.a.	S 29
S 30	16 11 25	2°52'12	8♒35	11°31	9°43	8°30	3°39	4°27	3°12	5°10	23°51	29°44	0° 9	25°38	n.a.	S 30
M31	16 15 22	3♊49'17	21♒13	12♉49	10♋ 4	9♊ 9	3♎38	4♌32	3♊16	5♐ 8	23♉52	29♒43	0♓ 6	25♏44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n26	26s14	3s38	11n28	1s37	26n38	3n16	18n19	0n32	0s43	1n34	21n15	1n30	20n44	0n 0	20s14	1n21	11n32	7s30	10s42	11s 0	23s29		n.a.
S 2	13 45	23 15	2 47	11 1	1 53	26 41	3 15	18 30	0 32	0 41	1 34	21 15	1 30	20 44	0 0	20 13	1 21	11 33	7 29	10 42	11 2	23 31		n.a.
M 3	14 4	19 6	1 47	10 36	2 8	26 43	3 14	18 42	0 33	0 39	1 34	21 14	1 30	20 45	0 0	20 13	1 21	11 33	7 29	10 42	11 3	23 33		n.a.
T 4	14 23	13 57	0 40	10 12	2 23	26 45	3 13	18 53	0 33	0 37	1 34	21 13	1 30	20 46	0 0	20 13	1 21	11 34	7 29	10 42	11 4	23 35		n.a.
W 5	14 41	8 0	0n32	9 49	2 37	26 47	3 12	19 4	0 34	0 35	1 34	21 13	1 30	20 46	0 0	20 13	1 21	11 34	7 29	10 42	11 5	23 37		n.a.
T 6	15 0	1 28	1 44	9 28	2 50	26 47	3 10	19 14	0 34	0 33	1 33	21 12	1 30	20 47	0 0	20 12	1 21	11 34	7 29	10 43	11 6	23 39		n.a.
F 7	15 18	5n21	2 51	9 9	3 1	26 48	3 9	19 25	0 35	0 31	1 33	21 11	1 30	20 48	0 0	20 12	1 21	11 35	7 29	10 44	11 7	23 41		n.a.
S 8	15 36	12 4	3 49	8 52	3 12	26 47	3 7	19 35	0 35	0 29	1 33	21 10	1 29	20 48	0 0	20 12	1 21	11 35	7 29	10 46	11 8	23 43		n.a.
S 9	15 54	18 13	4 33	8 38	3 21	26 47	3 5	19 46	0 35	0 28	1 33	21 10	1 29	20 49	0 0	20 12	1 21	11 36	7 29	10 49	11 10	23 45		n.a.
M10	16 11	23 16	4 57	8 26	3 29	26 45	3 2	19 56	0 36	0 26	1 32	21 9	1 29	20 50	0 0	20 11	1 21	11 36	7 29	10 53	11 11	23 47		n.a.
T 11	16 28	26 44	5 0	8 16	3 36	26 43	3 0	20 6	0 36	0 25	1 32	21 8	1 29	20 50	0 0	20 11	1 21	11 37	7 29	10 57	11 12	23 48		n.a.
W12	16 45	28 13	4 43	8 10	3 42	26 41	2 57	20 16	0 37	0 23	1 32	21 7	1 29	20 51	0 0	20 11	1 21	11 37	7 29	11 0	11 13	23 50		n.a.
T 13	17 2	27 39	4 6	8 6	3 47	26 38	2 54	20 25	0 37	0 22	1 32	21 6	1 29	20 52	0 0	20 11	1 21	11 37	7 29	11 2	11 14	23 52		n.a.
F 14	17 18	25 15	3 16	8 4	3 50	26 35	2 51	20 35	0 38	0 20	1 31	21 5	1 29	20 53	0 0	20 10	1 21	11 38	7 29	11 4	11 15	23 54		n.a.
S 15	17 34	21 25	2 15	8 6	3 52	26 31	2 47	20 44	0 38	0 19	1 31	21 4	1 29	20 53	0 0	20 10	1 21	11 38	7 28	11 5	11 16	23 56		n.a.
S 16	17 50	16 36	1 9	8 10	3 53	26 27	2 43	20 53	0 39	0 18	1 31	21 4	1 29	20 54	0 0	20 10	1 21	11 39	7 28	11 5	11 18	23 58		n.a.
M17	18 6	11 10	0 1	8 16	3 53	26 22	2 39	21 2	0 39	0 17	1 31	21 3	1 29	20 55	0 0	20 9	1 21	11 39	7 28	11 5	11 19	23 59		n.a.
T 18	18 21	5 24	1s 5	8 25	3 53	26 17	2 35	21 11	0 40	0 16	1 30	21 2	1 29	20 55	0 0	20 9	1 21	11 39	7 28	11 5	11 20	24 1		n.a.
W19	18 36	0s26	2 7	8 37	3 51	26 11	2 31	21 20	0 40	0 15	1 30	21 1	1 29	20 56	0 0	20 9	1 21	11 40	7 28	11 6	11 21	24 3		n.a.
T 20	18 51	6 9	3 2	8 51	3 48	26 5	2 26	21 28	0 41	0 14	1 30	21 0	1 29	20 57	0 0	20 9	1 21	11 40	7 28	11 7	11 22	24 5		n.a.
F 21	19 5	11 35	3 48	9 7	3 44	25 58	2 21	21 37	0 41	0 13	1 29	20 59	1 29	20 58	0 0	20 8	1 21	11 41	7 28	11 10	11 23	24 7		n.a.
S 22	19 19	16 33	4 23	9 25	3 39	25 51	2 15	21 45	0 41	0 12	1 29	20 58	1 28	20 58	0 0	20 8	1 21	11 41	7 28	11 14	11 24	24 9		n.a.
S 23	19 33	20 52	4 47	9 46	3 34	25 44	2 10	21 53	0 42	0 12	1 29	20 56	1 28	20 59	0 0	20 8	1 21	11 41	7 28	11 18	11 26	24 10		n.a.
M24	19 46	24 21	4 58	10 8	3 27	25 37	2 4	22 1	0 42	0 11	1 29	20 55	1 28	21 0	0 0	20 7	1 21	11 42	7 28	11 23	11 27	24 12		n.a.
T 25	19 59	26 48	4 57	10 33	3 20	25 28	1 57	22 8	0 43	0 10	1 28	20 54	1 28	21 0	0 1	20 7	1 21	11 42	7 28	11 28	11 28	24 14		n.a.
W26	20 12	28 2	4 42	10 59	3 13	25 20	1 51	22 16	0 43	0 10	1 28	20 53	1 28	21 1	0 1	20 7	1 21	11 42	7 28	11 32	11 29	24 16		n.a.
T 27	20 24	27 58	4 15	11 27	3 5	25 11	1 44	22 23	0 44	0 9	1 28	20 52	1 28	21 2	0 1	20 7	1 21	11 43	7 28	11 36	11 30	24 17		n.a.
F 28	20 36	26 34	3 36	11 57	2 56	25 2	1 37	22 30	0 44	0 9	1 27	20 51	1 28	21 3	0 1	20 6	1 21	11 43	7 28	11 39	11 31	24 19		n.a.
S 29	20 48	23 54	2 47	12 28	2 46	24 53	1 29	22 37	0 44	0 9	1 27	20 50	1 28	21 3	0 1	20 6	1 21	11 44	7 28	11 41	11 32	24 21		n.a.
S 30	21 0	20 6	1 49	13 0	2 36	24 44	1 21	22 44	0 45	0 9	1 27	20 48	1 28	21 4	0 1	20 6	1 21	11 44	7 28	11 42	11 33	24 23		n.a.
M31	21n11	15s18	0s45	13n34	2s26	24n34	1n13	22n50	0n45	0s 8	1n26	20n47	1n28	21n 5	0n 1	20s 5	1n21	11n44	7s28	11s43	11s35	24s24		n.a.

Julian Day Number = 1604663.5, Delta T = 03h57m00s
Ecliptic obliquity = 23°44'11, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'07, Lahiri = - 8°22'06 Julian Calendar 1 May 320 BCE == Greg. Calendar 26 Apr. 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

JUNE 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 19 18	4♊46'23	4♓11	14♉10	10♋24	9♊48	3°R37	4♌37	3♊20	5°R 7	23♉54	29°R43	0♓ 3	25♏51	n.a.	T 1
W 2	16 23 15	5°43'29	17°32	15°35	10°42	10°27	3♎37	4°42	3°23	5♐ 5	23°55	29♒42	29♒59	25°58	n.a.	W 2
T 3	16 27 11	6°40'36	1♈20	17° 4	10°58	11° 6	3°36	4°47	3°27	5° 4	23°56	29°41	29°56	26° 5	n.a.	T 3
F 4	16 31 8	7°37'43	15°34	18°36	11°12	11°45	3°36	4°52	3°30	5° 2	23°58	29°37	29°53	26°11	n.a.	F 4
S 5	16 35 5	8°34'50	0♉14	20°12	11°24	12°24	3°D36	4°57	3°34	5° 0	23°59	29°31	29°50	26°18	n.a.	S 5
S 6	16 39 1	9°31'58	15°16	21°51	11°34	13° 3	3°36	5° 3	3°37	4°59	24° 1	29°22	29°47	26°25	n.a.	S 6
M 7	16 42 58	10°29'06	0♊30	23°33	11°42	13°42	3°36	5° 8	3°41	4°57	24° 2	29°12	29°44	26°31	n.a.	M 7
T 8	16 46 54	11°26'14	15°46	25°19	11°47	14°20	3°37	5°13	3°45	4°55	24° 3	29° 1	29°40	26°38	n.a.	T 8
W 9	16 50 51	12°23'23	0♋53	27° 8	11°51	14°59	3°37	5°19	3°48	4°54	24° 5	28°52	29°37	26°45	n.a.	W 9
T 10	16 54 47	13°20'32	15°42	29° 0	11°R52	15°38	3°38	5°24	3°52	4°52	24° 6	28°44	29°34	26°52	n.a.	T 10
F 11	16 58 44	14°17'41	0♌ 4	0♊55	11°51	16°17	3°39	5°30	3°55	4°51	24° 7	28°39	29°31	26°58	n.a.	F 11
S 12	17 2 41	15°14'51	13°58	2°52	11°48	16°56	3°40	5°35	3°59	4°49	24° 9	28°37	29°28	27° 5	n.a.	S 12
S 13	17 6 37	16°12'00	27°23	4°51	11°42	17°35	3°42	5°41	4° 2	4°48	24°10	28°D36	29°25	27°12	n.a.	S 13
M14	17 10 34	17° 9'10	10♍22	6°53	11°34	18°13	3°43	5°47	4° 6	4°46	24°11	28°36	29°21	27°19	n.a.	M14
T 15	17 14 30	18° 6'19	22°59	8°56	11°23	18°52	3°45	5°53	4° 9	4°44	24°13	28°R36	29°18	27°25	n.a.	T 15
W16	17 18 27	19° 3'29	5♎18	11° 1	11°10	19°31	3°47	5°58	4°13	4°43	24°14	28°35	29°15	27°32	n.a.	W16
T 17	17 22 23	20° 0'39	17°24	13° 7	10°55	20° 9	3°49	6° 4	4°16	4°41	24°15	28°32	29°12	27°39	n.a.	T 17
F 18	17 26 20	20°57'50	29°21	15°14	10°37	20°48	3°51	6°10	4°20	4°40	24°17	28°26	29° 9	27°45	n.a.	F 18
S 19	17 30 16	21°55'01	11♏15	17°22	10°17	21°27	3°53	6°16	4°23	4°38	24°18	28°18	29° 5	27°52	n.a.	S 19
S 20	17 34 13	22°52'13	23° 7	19°29	9°55	22° 5	3°56	6°22	4°27	4°37	24°19	28° 7	29° 2	27°59	n.a.	S 20
M21	17 38 10	23°49'25	5♐ 0	21°37	9°31	22°44	3°59	6°29	4°30	4°35	24°21	27°56	28°59	28° 6	n.a.	M21
T 22	17 42 6	24°46'38	16°56	23°44	9° 4	23°22	4° 2	6°35	4°34	4°34	24°22	27°44	28°56	28°12	n.a.	T 22
W23	17 46 3	25°43'51	28°57	25°51	8°36	24° 1	4° 5	6°41	4°37	4°32	24°23	27°33	28°53	28°19	n.a.	W23
T 24	17 49 59	26°41'06	11♑ 4	27°58	8° 6	24°40	4° 8	6°47	4°41	4°31	24°24	27°24	28°50	28°26	n.a.	T 24
F 25	17 53 56	27°38'21	23°18	0♋ 3	7°34	25°18	4°12	6°54	4°44	4°29	24°26	27°17	28°46	28°33	n.a.	F 25
S 26	17 57 52	28°35'37	5♒40	2° 7	7° 1	25°57	4°15	7° 0	4°47	4°28	24°27	27°12	28°43	28°39	n.a.	S 26
S 27	18 1 49	29°32'54	18°14	4°10	6°27	26°35	4°19	7° 6	4°51	4°26	24°28	27°10	28°40	28°46	n.a.	S 27
M28	18 5 46	0♋30'12	1♓ 0	6°12	5°52	27°14	4°23	7°13	4°54	4°25	24°29	27°D10	28°37	28°53	n.a.	M28
T 29	18 9 42	1°27'32	14° 3	8°12	5°16	27°52	4°27	7°19	4°57	4°24	24°30	27°10	28°34	28°59	n.a.	T 29
W30	18 13 39	2♋24'52	27♓24	10♋11	4♋39	28♊31	4♎31	7♌26	5♊ 1	4♐22	24♉32	27°R11	28♒31	29♏ 6	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n21	9s44	0n24	14n 8	2s15	24n24	1n 4	22n57	0n46	0s 8	1n26	20n46	1n28	21n 5	0n 1	20s 5	1n21	11n45	7s28	11s43	11s36	24s26		n.a.
W 2	21 32	3 34	1 33	14 44	2 4	24 13	0 55	23 3	0 46	0 8	1 26	20 45	1 28	21 6	0 1	20 5	1 21	11 45	7 28	11 43	11 37	24 28		n.a.
T 3	21 42	2n57	2 39	15 20	1 53	24 3	0 46	23 9	0 46	0 9	1 26	20 43	1 28	21 7	0 1	20 5	1 21	11 45	7 28	11 44	11 38	24 30		n.a.
F 4	21 51	9 32	3 37	15 57	1 41	23 52	0 36	23 15	0 47	0 9	1 25	20 42	1 28	21 8	0 1	20 4	1 21	11 46	7 28	11 45	11 39	24 31		n.a.
S 5	22 0	15 47	4 23	16 35	1 29	23 41	0 26	23 21	0 47	0 9	1 25	20 41	1 28	21 8	0 1	20 4	1 21	11 46	7 28	11 47	11 40	24 33		n.a.
S 6	22 9	21 15	4 52	17 13	1 17	23 30	0 16	23 26	0 48	0 9	1 25	20 39	1 28	21 9	0 1	20 4	1 21	11 46	7 28	11 50	11 41	24 35		n.a.
M 7	22 18	25 24	5 1	17 51	1 5	23 18	0 5	23 31	0 48	0 10	1 24	20 38	1 28	21 10	0 1	20 3	1 21	11 47	7 28	11 54	11 42	24 36		n.a.
T 8	22 26	27 44	4 48	18 29	0 53	23 7	0s 6	23 36	0 48	0 10	1 24	20 37	1 28	21 10	0 1	20 3	1 21	11 47	7 28	11 57	11 44	24 38		n.a.
W 9	22 34	28 0	4 16	19 6	0 40	22 55	0 17	23 41	0 49	0 11	1 24	20 35	1 27	21 11	0 1	20 3	1 21	11 47	7 28	12 1	11 45	24 40		n.a.
T 10	22 41	26 13	3 26	19 44	0 28	22 43	0 29	23 46	0 49	0 11	1 23	20 34	1 27	21 12	0 1	20 3	1 21	11 48	7 28	12 3	11 46	24 41		n.a.
F 11	22 48	22 45	2 25	20 20	0 16	22 31	0 41	23 51	0 50	0 12	1 23	20 32	1 27	21 12	0 1	20 2	1 21	11 48	7 28	12 5	11 47	24 43		n.a.
S 12	22 54	18 4	1 17	20 55	0 5	22 19	0 54	23 55	0 50	0 13	1 23	20 31	1 27	21 13	0 1	20 2	1 21	11 48	7 28	12 6	11 48	24 45		n.a.
S 13	23 1	12 38	0 6	21 29	0n 7	22 7	1 6	23 59	0 50	0 14	1 23	20 30	1 27	21 14	0 1	20 2	1 21	11 49	7 28	12 6	11 49	24 46		n.a.
M14	23 6	6 49	1s 2	22 1	0 18	21 54	1 20	24 3	0 51	0 14	1 22	20 28	1 27	21 14	0 1	20 2	1 21	11 49	7 28	12 6	11 50	24 48		n.a.
T 15	23 12	0 54	2 6	22 32	0 29	21 42	1 33	24 7	0 51	0 15	1 22	20 27	1 27	21 15	0 1	20 1	1 21	11 49	7 28	12 6	11 51	24 50		n.a.
W16	23 17	4s54	3 2	23 1	0 39	21 30	1 46	24 10	0 52	0 16	1 22	20 25	1 27	21 16	0 1	20 1	1 21	11 49	7 28	12 7	11 53	24 51		n.a.
T 17	23 21	10 25	3 49	23 27	0 48	21 17	2 0	24 14	0 52	0 18	1 21	20 24	1 27	21 16	0 1	20 1	1 21	11 50	7 28	12 8	11 54	24 53		n.a.
F 18	23 25	15 30	4 25	23 51	0 57	21 5	2 14	24 17	0 52	0 19	1 21	20 22	1 27	21 17	0 1	20 1	1 21	11 50	7 28	12 10	11 55	24 54		n.a.
S 19	23 29	19 58	4 49	24 13	1 5	20 52	2 28	24 20	0 53	0 20	1 21	20 20	1 27	21 18	0 1	20 0	1 21	11 50	7 28	12 13	11 56	24 56		n.a.
S 20	23 32	23 38	5 1	24 32	1 13	20 40	2 42	24 23	0 53	0 21	1 20	20 19	1 27	21 18	0 1	20 0	1 21	11 51	7 28	12 16	11 57	24 58		n.a.
M21	23 35	26 19	5 0	24 48	1 20	20 27	2 57	24 25	0 53	0 23	1 20	20 17	1 27	21 19	0 1	20 0	1 21	11 51	7 28	12 20	11 58	24 59		n.a.
T 22	23 38	27 50	4 46	25 1	1 26	20 15	3 11	24 28	0 54	0 24	1 20	20 16	1 27	21 20	0 1	20 0	1 21	11 51	7 28	12 24	11 59	25 1		n.a.
W23	23 40	28 3	4 19	25 12	1 32	20 3	3 25	24 30	0 54	0 26	1 20	20 14	1 27	21 20	0 1	19 59	1 21	11 51	7 28	12 28	12 0	25 2		n.a.
T 24	23 42	26 55	3 40	25 19	1 36	19 51	3 39	24 32	0 54	0 27	1 19	20 12	1 27	21 21	0 1	19 59	1 21	11 52	7 28	12 32	12 2	25 4		n.a.
F 25	23 43	24 30	2 50	25 24	1 40	19 38	3 53	24 34	0 55	0 29	1 19	20 11	1 27	21 22	0 1	19 59	1 21	11 52	7 28	12 34	12 3	25 6		n.a.
S 26	23 44	20 54	1 52	25 27	1 44	19 27	4 7	24 36	0 55	0 31	1 19	20 9	1 27	21 22	0 1	19 59	1 21	11 52	7 28	12 36	12 4	25 7		n.a.
S 27	23 44	16 18	0 48	25 26	1 46	19 15	4 20	24 37	0 56	0 32	1 18	20 7	1 27	21 23	0 1	19 58	1 21	11 52	7 28	12 36	12 5	25 9		n.a.
M28	23 44	10 56	0n21	25 23	1 48	19 3	4 33	24 38	0 56	0 34	1 18	20 6	1 27	21 23	0 1	19 58	1 21	11 53	7 28	12 36	12 6	25 10		n.a.
T 29	23 44	4 59	1 29	25 18	1 49	18 52	4 46	24 39	0 56	0 36	1 18	20 4	1 27	21 24	0 1	19 58	1 21	11 53	7 28	12 36	12 7	25 12		n.a.
W30	23n43	1n19	2n35	25n10	1n50	18n41	4s58	24n40	0n57	0s38	1n18	20n 2	1n27	21n25	0n 1	19s58	1n21	11n53	7s28	12s36	12s 8	25s13		n.a.

Julian Day Number = 1604694.5, Delta T = 03h56m59s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°29'03, Lahiri = - 8°22'02 Julian Calendar 1 June 320 BCE == Greg. Calendar 27 May 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

JULY 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 17 35	3♋22'14	11♈ 6	12♋ 8	4°R 2	29♊ 9	4♎36	7♌33	5♊ 4	4°R21	24♉33	27°R11	28♒27	29♏13	n.a.	T 1
F 2	18 21 32	4°19'37	25°11	14° 4	3♋25	29°48	4°40	7°39	5° 7	4♐19	24°34	27♒ 9	28°24	29°20	n.a.	F 2
S 3	18 25 28	5°17'02	9♉37	15°59	2°48	0♋26	4°45	7°46	5°10	4°18	24°35	27° 5	28°21	29°26	n.a.	S 3
S 4	18 29 25	6°14'28	24°22	17°52	2°11	1° 4	4°50	7°53	5°14	4°17	24°36	27° 0	28°18	29°33	n.a.	S 4
M 5	18 33 21	7°11'56	9♊19	19°43	1°35	1°43	4°55	7°59	5°17	4°15	24°37	26°53	28°15	29°40	n.a.	M 5
T 6	18 37 18	8° 9'25	24°20	21°32	0°59	2°21	5° 0	8° 6	5°20	4°14	24°38	26°45	28°11	29°46	n.a.	T 6
W 7	18 41 15	9° 6'55	9♋16	23°21	0°25	3° 0	5° 6	8°13	5°23	4°13	24°39	26°38	28° 8	29°53	n.a.	W 7
T 8	18 45 11	10° 4'26	23°59	25° 7	29♊52	3°38	5°11	8°20	5°26	4°12	24°40	26°33	28° 5	29°59	n.a.	T 8
F 9	18 49 8	11° 1'58	8♌19	26°52	29°21	4°16	5°17	8°27	5°29	4°11	24°41	26°30	28° 2	0♐ 7	n.a.	F 9
S 10	18 53 4	11°59'32	22°15	28°36	28°50	4°55	5°23	8°34	5°32	4° 9	24°43	26°D28	27°59	0°13	n.a.	S 10
S 11	18 57 1	12°57'06	5♍44	0♌18	28°22	5°33	5°29	8°41	5°35	4° 8	24°44	26°29	27°56	0°20	n.a.	S 11
M12	19 0 57	13°54'42	18°47	1°58	27°56	6°11	5°35	8°48	5°38	4° 7	24°45	26°30	27°52	0°27	n.a.	M12
T 13	19 4 54	14°52'18	1♎27	3°37	27°31	6°50	5°41	8°55	5°41	4° 6	24°46	26°31	27°49	0°34	n.a.	T 13
W14	19 8 50	15°49'56	13°48	5°14	27° 9	7°28	5°47	9° 2	5°44	4° 5	24°46	26°R32	27°46	0°40	n.a.	W14
T 15	19 12 47	16°47'35	25°56	6°50	26°49	8° 6	5°54	9° 9	5°47	4° 4	24°47	26°31	27°43	0°47	n.a.	T 15
F 16	19 16 44	17°45'15	7♏54	8°25	26°31	8°45	6° 1	9°16	5°50	4° 3	24°48	26°29	27°40	0°54	n.a.	F 16
S 17	19 20 40	18°42'56	19°47	9°57	26°15	9°23	6° 7	9°23	5°53	4° 2	24°49	26°26	27°37	1° 0	n.a.	S 17
S 18	19 24 37	19°40'39	1♐39	11°29	26° 2	10° 1	6°14	9°30	5°56	4° 1	24°50	26°21	27°33	1° 7	n.a.	S 18
M19	19 28 33	20°38'23	13°35	12°59	25°51	10°39	6°21	9°38	5°59	4° 0	24°51	26°15	27°30	1°14	n.a.	M19
T 20	19 32 30	21°36'08	25°36	14°27	25°42	11°18	6°29	9°45	6° 1	3°59	24°52	26° 8	27°27	1°21	n.a.	T 20
W21	19 36 26	22°33'55	7♑44	15°54	25°36	11°56	6°36	9°52	6° 4	3°58	24°53	26° 3	27°24	1°27	n.a.	W21
T 22	19 40 23	23°31'43	20° 2	17°19	25°33	12°34	6°44	9°59	6° 7	3°57	24°54	25°58	27°21	1°34	n.a.	T 22
F 23	19 44 19	24°29'33	2♒30	18°43	25°D31	13°12	6°51	10° 7	6° 9	3°56	24°54	25°54	27°17	1°41	n.a.	F 23
S 24	19 48 16	25°27'25	15° 9	20° 5	25°32	13°50	6°59	10°14	6°12	3°55	24°55	25°52	27°14	1°48	n.a.	S 24
S 25	19 52 13	26°25'18	28° 0	21°26	25°36	14°29	7° 7	10°21	6°15	3°54	24°56	25°D52	27°11	1°54	n.a.	S 25
M26	19 56 9	27°23'13	11♓ 4	22°44	25°41	15° 7	7°15	10°29	6°17	3°53	24°57	25°52	27° 8	2° 1	n.a.	M26
T 27	20 0 6	28°21'10	24°20	24° 2	25°49	15°45	7°23	10°36	6°20	3°53	24°58	25°54	27° 5	2° 8	n.a.	T 27
W28	20 4 2	29°19'08	7♈51	25°17	25°59	16°23	7°31	10°43	6°22	3°52	24°58	25°55	27° 2	2°14	n.a.	W28
T 29	20 7 59	0♌17'09	21°37	26°30	26°11	17° 1	7°39	10°51	6°25	3°51	24°59	25°56	26°58	2°21	n.a.	T 29
F 30	20 11 55	1°15'12	5♉38	27°42	26°25	17°40	7°48	10°58	6°27	3°50	25° 0	25°R57	26°55	2°28	n.a.	F 30
S 31	20 15 52	2♌13'17	19♉52	28♌51	26♊41	18♋18	7♎57	11♌ 6	6♊30	3♐50	25♉ 0	25♒56	26♒52	2♐35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n42	7n42	3n33	24n59	1n49	18n31	5s10	24n41	0n57	0s40	1n17	20n 1	1n27	21n25	0n 1	19s57	1n21	11n53	7s28	12s36	12s 9	25s15		n.a.
F 2	23 40	13 53	4 20	24 47	1 49	18 21	5 21	24 41	0 57	0 42	1 17	19 59	1 27	21 26	0 1	19 57	1 20	11 54	7 29	12 37	12 11	25 16		n.a.
S 3	23 38	19 29	4 53	24 33	1 47	18 11	5 31	24 42	0 58	0 44	1 17	19 57	1 27	21 26	0 1	19 57	1 20	11 54	7 29	12 38	12 12	25 18		n.a.
S 4	23 35	24 2	5 6	24 16	1 46	18 2	5 41	24 42	0 58	0 47	1 16	19 55	1 27	21 27	0 1	19 57	1 20	11 54	7 29	12 40	12 13	25 19		n.a.
M 5	23 32	27 3	4 59	23 58	1 43	17 53	5 51	24 42	0 58	0 49	1 16	19 54	1 27	21 28	0 1	19 57	1 20	11 54	7 29	12 42	12 14	25 21		n.a.
T 6	23 29	28 9	4 32	23 38	1 40	17 45	5 59	24 41	0 59	0 51	1 16	19 52	1 27	21 28	0 1	19 56	1 20	11 54	7 29	12 45	12 15	25 22		n.a.
W 7	23 25	27 10	3 46	23 17	1 37	17 37	6 7	24 41	0 59	0 54	1 16	19 50	1 27	21 29	0 1	19 56	1 20	11 55	7 29	12 47	12 16	25 24		n.a.
T 8	23 21	24 18	2 46	22 54	1 33	17 30	6 14	24 40	0 59	0 56	1 15	19 48	1 27	21 29	0 1	19 56	1 20	11 55	7 29	12 49	12 17	25 25		n.a.
F 9	23 16	19 57	1 36	22 30	1 29	17 23	6 21	24 39	1 0	0 59	1 15	19 46	1 27	21 30	0 1	19 56	1 20	11 55	7 29	12 50	12 18	25 27		n.a.
S 10	23 11	14 38	0 23	22 4	1 24	17 17	6 27	24 38	1 0	1 1	1 15	19 44	1 27	21 31	0 1	19 56	1 20	11 55	7 29	12 51	12 19	25 28		n.a.
S 11	23 6	8 45	0s50	21 37	1 19	17 12	6 32	24 37	1 0	1 4	1 14	19 43	1 27	21 31	0 1	19 55	1 20	11 55	7 29	12 51	12 21	25 30		n.a.
M12	23 0	2 41	1 58	21 10	1 14	17 7	6 36	24 36	1 0	1 7	1 14	19 41	1 27	21 32	0 1	19 55	1 20	11 55	7 29	12 50	12 22	25 31		n.a.
T 13	22 54	3s18	2 58	20 41	1 8	17 3	6 40	24 34	1 1	1 9	1 14	19 39	1 27	21 32	0 1	19 55	1 20	11 56	7 29	12 50	12 23	25 32		n.a.
W14	22 47	9 0	3 48	20 11	1 2	17 0	6 43	24 32	1 1	1 12	1 14	19 37	1 27	21 33	0 1	19 55	1 20	11 56	7 29	12 50	12 24	25 34		n.a.
T 15	22 40	14 16	4 27	19 41	0 55	16 57	6 45	24 30	1 1	1 15	1 13	19 35	1 27	21 33	0 1	19 55	1 20	11 56	7 29	12 50	12 25	25 35		n.a.
F 16	22 32	18 56	4 54	19 10	0 48	16 55	6 46	24 28	1 2	1 18	1 13	19 33	1 27	21 34	0 1	19 55	1 20	11 56	7 30	12 50	12 26	25 37		n.a.
S 17	22 25	22 50	5 8	18 38	0 41	16 54	6 47	24 26	1 2	1 21	1 13	19 31	1 27	21 34	0 1	19 54	1 20	11 56	7 30	12 52	12 27	25 38		n.a.
S 18	22 16	25 47	5 9	18 6	0 34	16 53	6 48	24 23	1 2	1 24	1 13	19 29	1 27	21 35	0 1	19 54	1 20	11 56	7 30	12 53	12 28	25 39		n.a.
M19	22 8	27 37	4 56	17 33	0 26	16 53	6 48	24 21	1 3	1 27	1 12	19 27	1 27	21 35	0 1	19 54	1 20	11 56	7 30	12 55	12 29	25 41		n.a.
T 20	21 59	28 10	4 31	17 0	0 18	16 53	6 47	24 18	1 3	1 30	1 12	19 25	1 27	21 36	0 1	19 54	1 20	11 56	7 30	12 58	12 30	25 42		n.a.
W21	21 49	27 22	3 52	16 26	0 10	16 54	6 46	24 14	1 3	1 33	1 12	19 23	1 27	21 36	0 1	19 54	1 20	11 57	7 30	13 0	12 32	25 44		n.a.
T 22	21 39	25 14	3 3	15 52	0 2	16 56	6 44	24 11	1 3	1 36	1 12	19 22	1 27	21 37	0 1	19 54	1 20	11 57	7 30	13 1	12 33	25 45		n.a.
F 23	21 29	21 52	2 4	15 18	0s 6	16 58	6 42	24 8	1 4	1 40	1 11	19 20	1 27	21 37	0 1	19 54	1 20	11 57	7 30	13 3	12 34	25 46		n.a.
S 24	21 19	17 25	0 58	14 44	0 15	17 1	6 39	24 4	1 4	1 43	1 11	19 18	1 27	21 38	0 1	19 53	1 20	11 57	7 30	13 3	12 35	25 48		n.a.
S 25	21 8	12 8	0n12	14 10	0 24	17 4	6 36	24 0	1 4	1 46	1 11	19 16	1 27	21 38	0 1	19 53	1 20	11 57	7 30	13 3	12 36	25 49		n.a.
M26	20 56	6 14	1 22	13 36	0 33	17 7	6 33	23 56	1 5	1 50	1 11	19 14	1 27	21 39	0 1	19 53	1 20	11 57	7 31	13 3	12 37	25 50		n.a.
T 27	20 45	0n 1	2 30	13 1	0 42	17 11	6 29	23 52	1 5	1 53	1 10	19 12	1 27	21 39	0 1	19 53	1 19	11 57	7 31	13 3	12 38	25 52		n.a.
W28	20 33	6 22	3 30	12 27	0 51	17 15	6 25	23 48	1 5	1 57	1 10	19 10	1 27	21 40	0 1	19 53	1 19	11 57	7 31	13 2	12 39	25 53		n.a.
T 29	20 20	12 32	4 20	11 54	1 0	17 20	6 21	23 43	1 5	2 0	1 10	19 8	1 27	21 40	0 1	19 53	1 19	11 57	7 31	13 2	12 40	25 54		n.a.
F 30	20 8	18 11	4 55	11 20	1 9	17 25	6 16	23 38	1 6	2 4	1 10	19 6	1 27	21 40	0 1	19 53	1 19	11 57	7 31	13 2	12 41	25 56		n.a.
S 31	19n55	22n56	5n12	10n47	1s19	17n30	6s12	23n33	1n 6	2s 8	1n 9	19n 3	1n27	21n41	0n 1	19s53	1n19	11n57	7s31	13s 2	12s43	25s57		n.a.

Julian Day Number = 1604724.5, Delta T = 03h56m58s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'59, Lahiri = - 8°21'58 Julian Calendar 1 July 320 BCE == Greg. Calendar 26 June 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

AUGUST 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 19 48	3♌11'24	4♊18	29♌59	26♊59	18♋56	8♎ 5	11♌13	6♊32	3°R49	25♉ 1	25°R54	26♒49	2♐41	n.a.	S 1
M 2	20 23 45	4° 9'34	18°52	1♍ 4	27°19	19°34	8°14	11°20	6°34	3♐48	25° 2	25♒51	26°46	2°48	n.a.	M 2
T 3	20 27 42	5° 7'45	3♋29	2° 7	27°41	20°12	8°23	11°28	6°36	3°48	25° 2	25°48	26°43	2°55	n.a.	T 3
W 4	20 31 38	6° 5'59	18° 1	3° 8	28° 5	20°50	8°32	11°35	6°39	3°47	25° 3	25°46	26°39	3° 2	n.a.	W 4
T 5	20 35 35	7° 4'14	2♌23	4° 6	28°30	21°28	8°41	11°43	6°41	3°47	25° 3	25°44	26°36	3° 8	n.a.	T 5
F 6	20 39 31	8° 2'31	16°30	5° 1	28°57	22° 6	8°51	11°50	6°43	3°46	25° 4	25°43	26°33	3°15	n.a.	F 6
S 7	20 43 28	9° 0'50	0♍17	5°53	29°25	22°45	9° 0	11°58	6°45	3°46	25° 4	25°D43	26°30	3°22	n.a.	S 7
S 8	20 47 24	9°59'11	13°42	6°42	29°55	23°23	9° 9	12° 5	6°47	3°46	25° 5	25°43	26°27	3°28	n.a.	S 8
M 9	20 51 21	10°57'34	26°45	7°28	0♋26	24° 1	9°19	12°13	6°49	3°45	25° 5	25°44	26°23	3°35	n.a.	M 9
T 10	20 55 17	11°55'58	9♎27	8°10	0°59	24°39	9°29	12°20	6°51	3°45	25° 6	25°46	26°20	3°42	n.a.	T 10
W11	20 59 14	12°54'24	21°51	8°49	1°33	25°17	9°39	12°28	6°53	3°44	25° 6	25°47	26°17	3°49	n.a.	W11
T 12	21 3 11	13°52'52	4♏ 0	9°23	2° 9	25°55	9°48	12°35	6°55	3°44	25° 7	25°47	26°14	3°55	n.a.	T 12
F 13	21 7 7	14°51'21	16° 0	9°53	2°45	26°33	9°58	12°43	6°57	3°44	25° 7	25°R48	26°11	4° 2	n.a.	F 13
S 14	21 11 4	15°49'53	27°54	10°18	3°23	27°11	10° 9	12°50	6°59	3°44	25° 8	25°47	26° 8	4° 9	n.a.	S 14
S 15	21 15 0	16°48'26	9♐47	10°38	4° 2	27°49	10°19	12°58	7° 0	3°43	25° 8	25°47	26° 4	4°15	n.a.	S 15
M16	21 18 57	17°47'01	21°44	10°52	4°43	28°27	10°29	13° 5	7° 2	3°43	25° 8	25°46	26° 1	4°22	n.a.	M16
T 17	21 22 53	18°45'38	3♑49	11° 1	5°24	29° 5	10°39	13°13	7° 4	3°43	25° 9	25°45	25°58	4°29	n.a.	T 17
W18	21 26 50	19°44'16	16° 3	11°R 4	6° 6	29°43	10°50	13°20	7° 5	3°43	25° 9	25°44	25°55	4°36	n.a.	W18
T 19	21 30 46	20°42'57	28°32	11° 0	6°50	0♌21	11° 0	13°27	7° 7	3°43	25° 9	25°43	25°52	4°42	n.a.	T 19
F 20	21 34 43	21°41'40	11♒14	10°49	7°34	0°59	11°11	13°35	7° 8	3°43	25° 9	25°43	25°49	4°49	n.a.	F 20
S 21	21 38 40	22°40'24	24°13	10°32	8°19	1°37	11°22	13°42	7°10	3°D43	25°10	25°D43	25°45	4°56	n.a.	S 21
S 22	21 42 36	23°39'11	7♓26	10° 7	9° 6	2°15	11°33	13°50	7°11	3°43	25°10	25°43	25°42	5° 3	n.a.	S 22
M23	21 46 33	24°37'59	20°54	9°35	9°53	2°53	11°44	13°57	7°13	3°43	25°10	25°43	25°39	5° 9	n.a.	M23
T 24	21 50 29	25°36'50	4♈35	8°56	10°41	3°31	11°55	14° 5	7°14	3°43	25°10	25°R43	25°36	5°16	n.a.	T 24
W25	21 54 26	26°35'44	18°27	8°10	11°30	4° 9	12° 6	14°12	7°15	3°43	25°10	25°43	25°33	5°23	n.a.	W25
T 26	21 58 22	27°34'39	2♉28	7°17	12°19	4°47	12°17	14°19	7°16	3°43	25°10	25°43	25°29	5°29	n.a.	T 26
F 27	22 2 19	28°33'38	16°36	6°19	13°10	5°25	12°28	14°27	7°18	3°44	25°10	25°42	25°26	5°36	n.a.	F 27
S 28	22 6 15	29°32'38	0♊47	5°17	14° 1	6° 3	12°39	14°34	7°19	3°44	25°10	25°D42	25°23	5°43	n.a.	S 28
S 29	22 10 12	0♍31'42	15° 1	4°11	14°53	6°42	12°51	14°41	7°20	3°44	25°11	25°43	25°20	5°50	n.a.	S 29
M30	22 14 8	1°30'47	29°14	3° 3	15°45	7°20	13° 2	14°49	7°21	3°44	25°11	25°43	25°17	5°56	n.a.	M30
T 31	22 18 5	2♍29'55	13♋24	1♍55	16♋39	7♌58	13♎14	14♌56	7♊22	3♐45	25°R11	25♒43	25♒14	6♐ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	19n41	26n21	5n11	10n14	1s28	17n36	6s 7	23n28	1n 6	2s11	1n 9	19n 1	1n27	21n41	0n 1	19s53	1n19	11n57	7s31	13s 3		12s44		25s58			n.a.
M 2	19 27	28 4	4 49	9 42	1 38	17 41	6 1	23 23	1 7	2 15	1 9	18 59	1 27	21 42	0 1	19 53	1 19	11 57	7 31	13 4		12 45		25 59			n.a.
T 3	19 13	27 50	4 9	9 11	1 47	17 47	5 56	23 18	1 7	2 19	1 9	18 57	1 28	21 42	0 1	19 53	1 19	11 57	7 31	13 4		12 46		26 1			n.a.
W 4	18 59	25 41	3 13	8 40	1 57	17 53	5 50	23 12	1 7	2 23	1 9	18 55	1 28	21 42	0 1	19 53	1 19	11 58	7 31	13 5		12 47		26 2			n.a.
T 5	18 44	21 54	2 5	8 10	2 6	17 59	5 45	23 6	1 7	2 26	1 8	18 53	1 28	21 43	0 1	19 52	1 19	11 58	7 32	13 6		12 48		26 3			n.a.
F 6	18 29	16 53	0 51	7 41	2 16	18 5	5 39	23 0	1 8	2 30	1 8	18 51	1 28	21 43	0 1	19 52	1 19	11 58	7 32	13 6		12 49		26 5			n.a.
S 7	18 14	11 7	0s25	7 13	2 25	18 11	5 33	22 54	1 8	2 34	1 8	18 49	1 28	21 44	0 1	19 52	1 19	11 58	7 32	13 6		12 50		26 6			n.a.
S 8	17 58	4 59	1 38	6 46	2 34	18 17	5 27	22 48	1 8	2 38	1 8	18 47	1 28	21 44	0 1	19 52	1 19	11 58	7 32	13 6		12 51		26 7			n.a.
M 9	17 42	1s11	2 43	6 21	2 44	18 24	5 21	22 42	1 8	2 42	1 8	18 45	1 28	21 44	0 1	19 52	1 19	11 58	7 32	13 6		12 52		26 8			n.a.
T 10	17 25	7 8	3 39	5 57	2 52	18 30	5 14	22 35	1 9	2 46	1 7	18 43	1 28	21 45	0 1	19 52	1 19	11 58	7 32	13 5		12 54		26 9			n.a.
W11	17 9	12 40	4 23	5 34	3 1	18 36	5 8	22 28	1 9	2 50	1 7	18 41	1 28	21 45	0 1	19 52	1 19	11 58	7 32	13 5		12 55		26 11			n.a.
T 12	16 52	17 36	4 54	5 14	3 9	18 42	5 1	22 21	1 9	2 55	1 7	18 39	1 28	21 45	0 1	19 52	1 19	11 58	7 32	13 5		12 56		26 12			n.a.
F 13	16 35	21 48	5 12	4 55	3 17	18 48	4 55	22 14	1 9	2 59	1 7	18 37	1 28	21 46	0 1	19 52	1 19	11 58	7 33	13 5		12 57		26 13			n.a.
S 14	16 17	25 4	5 16	4 39	3 25	18 54	4 48	22 7	1 10	3 3	1 6	18 35	1 28	21 46	0 1	19 52	1 19	11 57	7 33	13 5		12 58		26 14			n.a.
S 15	16 0	27 15	5 7	4 25	3 32	18 59	4 41	22 0	1 10	3 7	1 6	18 32	1 28	21 46	0 1	19 52	1 19	11 57	7 33	13 5		12 59		26 15			n.a.
M16	15 42	28 12	4 45	4 13	3 38	19 5	4 35	21 52	1 10	3 11	1 6	18 30	1 28	21 47	0 1	19 52	1 18	11 57	7 33	13 5		13 0		26 17			n.a.
T 17	15 23	27 50	4 9	4 5	3 44	19 10	4 28	21 44	1 10	3 16	1 6	18 28	1 28	21 47	0 1	19 52	1 18	11 57	7 33	13 6		13 1		26 18			n.a.
W18	15 5	26 6	3 22	3 59	3 49	19 15	4 21	21 37	1 10	3 20	1 6	18 26	1 29	21 47	0 1	19 52	1 18	11 57	7 33	13 6		13 2		26 19			n.a.
T 19	14 46	23 5	2 25	3 57	3 53	19 20	4 14	21 28	1 11	3 24	1 6	18 24	1 29	21 47	0 1	19 52	1 18	11 57	7 33	13 6		13 3		26 20			n.a.
F 20	14 27	18 53	1 19	3 58	3 56	19 24	4 7	21 20	1 11	3 29	1 5	18 22	1 29	21 48	0 1	19 53	1 18	11 57	7 33	13 6		13 4		26 21			n.a.
S 21	14 8	13 45	0 8	4 3	3 57	19 28	4 1	21 12	1 11	3 33	1 5	18 20	1 29	21 48	0 1	19 53	1 18	11 57	7 34	13 6		13 6		26 22			n.a.
S 22	13 48	7 53	1n 5	4 12	3 58	19 32	3 54	21 4	1 11	3 38	1 5	18 18	1 29	21 48	0 1	19 53	1 18	11 57	7 34	13 6		13 7		26 24			n.a.
M23	13 28	1 35	2 15	4 26	3 57	19 36	3 47	20 55	1 12	3 42	1 5	18 16	1 29	21 48	0 1	19 53	1 18	11 57	7 34	13 6		13 8		26 25			n.a.
T 24	13 8	4n53	3 19	4 43	3 54	19 39	3 40	20 46	1 12	3 47	1 5	18 14	1 29	21 49	0 1	19 53	1 18	11 57	7 34	13 6		13 9		26 26			n.a.
W25	12 48	11 12	4 12	5 4	3 49	19 42	3 33	20 37	1 12	3 51	1 4	18 12	1 29	21 49	0 1	19 53	1 18	11 57	7 34	13 6		13 10		26 27			n.a.
T 26	12 28	17 1	4 51	5 30	3 43	19 44	3 26	20 28	1 12	3 56	1 4	18 10	1 29	21 49	0 1	19 53	1 18	11 57	7 34	13 6		13 11		26 28			n.a.
F 27	12 7	21 59	5 13	5 59	3 34	19 46	3 19	20 19	1 12	4 0	1 4	18 7	1 29	21 49	0 1	19 53	1 18	11 57	7 34	13 6		13 12		26 29			n.a.
S 28	11 46	25 42	5 16	6 32	3 24	19 48	3 12	20 10	1 13	4 5	1 4	18 5	1 29	21 49	0 1	19 53	1 18	11 56	7 34	13 7		13 13		26 30			n.a.
S 29	11 25	27 50	4 59	7 8	3 11	19 49	3 6	20 0	1 13	4 9	1 4	18 3	1 30	21 50	0 1	19 53	1 18	11 56	7 34	13 6		13 14		26 31			n.a.
M30	11 4	28 8	4 24	7 46	2 57	19 50	2 59	19 51	1 13	4 14	1 4	18 1	1 30	21 50	0 1	19 53	1 18	11 56	7 35	13 6		13 15		26 32			n.a.
T 31	10n43	26n36	3n34	8n26	2s41	19n50	2s52	19n41	1n13	4s19	1n 3	17n59	1n30	21n50	0n 1	19s53	1n18	11n56	7s35	13s 6		13s16		26s33			n.a.

Julian Day Number = 1604755.5, Delta T = 03h56m57s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'54, Lahiri = - 8°21'54 Julian Calendar 1 Aug. 320 BCE == Greg. Calendar 27 July 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

SEPTEMBER 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 22 2	3♍29'06	27♋28	0°R48	17♋32	8♌36	13♎25	15♌ 3	7♊23	3♐45	25°R11	25♒44	25♒10	6♐10	n.a.	W 1
T 2	22 25 58	4°28'19	11♌23	29♌45	18°27	9°14	13°37	15°10	7°23	3°45	25♉10	25°45	25° 7	6°16	n.a.	T 2
F 3	22 29 55	5°27'34	25° 6	28°47	19°22	9°52	13°49	15°17	7°24	3°46	25°10	25°R45	25° 4	6°23	n.a.	F 3
S 4	22 33 51	6°26'51	8♍35	27°55	20°18	10°29	14° 0	15°25	7°25	3°46	25°10	25°45	25° 1	6°30	n.a.	S 4
S 5	22 37 48	7°26'10	21°47	27°12	21°14	11° 7	14°12	15°32	7°26	3°47	25°10	25°44	24°58	6°37	n.a.	S 5
M 6	22 41 44	8°25'31	4♎42	26°38	22°11	11°45	14°24	15°39	7°26	3°47	25°10	25°42	24°54	6°43	n.a.	M 6
T 7	22 45 41	9°24'55	17°20	26°14	23° 8	12°23	14°36	15°46	7°27	3°48	25°10	25°40	24°51	6°50	n.a.	T 7
W 8	22 49 37	10°24'20	29°43	26° 0	24° 6	13° 1	14°48	15°53	7°27	3°48	25°10	25°38	24°48	6°57	n.a.	W 8
T 9	22 53 34	11°23'48	11♏53	25°D58	25° 4	13°39	15° 0	16° 0	7°28	3°49	25°10	25°36	24°45	7° 4	n.a.	T 9
F 10	22 57 31	12°23'17	23°52	26° 6	26° 3	14°17	15°12	16° 7	7°28	3°50	25° 9	25°35	24°42	7°10	n.a.	F 10
S 11	23 1 27	13°22'48	5♐46	26°25	27° 2	14°55	15°25	16°14	7°29	3°50	25° 9	25°34	24°39	7°17	n.a.	S 11
S 12	23 5 24	14°22'21	17°39	26°54	28° 2	15°33	15°37	16°21	7°29	3°51	25° 9	25°D33	24°35	7°24	n.a.	S 12
M13	23 9 20	15°21'56	29°35	27°32	29° 2	16°11	15°49	16°28	7°29	3°52	25° 8	25°34	24°32	7°30	n.a.	M13
T 14	23 13 17	16°21'33	11♑39	28°19	0♌ 2	16°49	16° 2	16°35	7°30	3°53	25° 8	25°35	24°29	7°37	n.a.	T 14
W15	23 17 13	17°21'12	23°56	29°13	1° 3	17°27	16°14	16°41	7°30	3°54	25° 8	25°37	24°26	7°44	n.a.	W15
T 16	23 21 10	18°20'53	6♒29	0♍15	2° 4	18° 5	16°27	16°48	7°30	3°54	25° 7	25°39	24°23	7°51	n.a.	T 16
F 17	23 25 6	19°20'36	19°22	1°24	3° 6	18°43	16°39	16°55	7°30	3°55	25° 7	25°R40	24°20	7°57	n.a.	F 17
S 18	23 29 3	20°20'20	2♓36	2°37	4° 8	19°21	16°52	17° 2	7°R30	3°56	25° 7	25°39	24°16	8° 4	n.a.	S 18
S 19	23 32 59	21°20'06	16°11	3°56	5°11	19°59	17° 4	17° 8	7°30	3°57	25° 6	25°38	24°13	8°11	n.a.	S 19
M20	23 36 56	22°19'55	0♈ 5	5°19	6°14	20°37	17°17	17°15	7°30	3°58	25° 6	25°36	24°10	8°17	n.a.	M20
T 21	23 40 53	23°19'45	14°15	6°45	7°17	21°15	17°30	17°21	7°30	3°59	25° 5	25°32	24° 7	8°24	n.a.	T 21
W22	23 44 49	24°19'38	28°36	8°14	8°20	21°53	17°42	17°28	7°29	4° 0	25° 5	25°28	24° 4	8°31	n.a.	W22
T 23	23 48 46	25°19'33	13♉ 2	9°45	9°24	22°31	17°55	17°34	7°29	4° 1	25° 4	25°23	24° 0	8°38	n.a.	T 23
F 24	23 52 42	26°19'31	27°28	11°19	10°28	23° 8	18° 8	17°41	7°29	4° 2	25° 4	25°20	23°57	8°44	n.a.	F 24
S 25	23 56 39	27°19'31	11♊49	12°54	11°33	23°46	18°21	17°47	7°28	4° 3	25° 3	25°17	23°54	8°51	n.a.	S 25
S 26	0 0 35	28°19'33	26° 3	14°31	12°38	24°24	18°34	17°53	7°28	4° 5	25° 3	25°D16	23°51	8°58	n.a.	S 26
M27	0 4 32	29°19'37	10♋ 5	16° 8	13°43	25° 2	18°47	18° 0	7°28	4° 6	25° 2	25°17	23°48	9° 5	n.a.	M27
T 28	0 8 28	0♎19'44	23°57	17°46	14°48	25°40	19° 0	18° 6	7°27	4° 7	25° 2	25°18	23°45	9°11	n.a.	T 28
W29	0 12 25	1°19'53	7♌37	19°25	15°54	26°18	19°13	18°12	7°27	4° 8	25° 1	25°20	23°41	9°18	n.a.	W29
T 30	0 16 22	2♎20'04	21♌ 5	21♍ 4	17♌ 0	26♌56	19♎26	18♌18	7♊26	4♐10	25♉ 0	25°R21	23♒38	9♐25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n21	23n23	2n30	9n 6	2s23	19n50	2s45	19n31	1n14	4s23	1n 3	17n57	1n30	21n50	0n 1	19s54	1n18	11n56	7s35	13s 6	13s17	26s34		n.a.
T 2	9 59	18 50	1 19	9 46	2 4	19 50	2 38	19 21	1 14	4 28	1 3	17 55	1 30	21 50	0 2	19 54	1 18	11 56	7 35	13 6	13 18	26 36		n.a.
F 3	9 37	13 22	0 4	10 24	1 45	19 49	2 32	19 11	1 14	4 33	1 3	17 53	1 30	21 50	0 2	19 54	1 18	11 56	7 35	13 6	13 20	26 37		n.a.
S 4	9 15	7 22	1s10	11 1	1 25	19 47	2 25	19 1	1 14	4 38	1 3	17 51	1 30	21 51	0 2	19 54	1 17	11 56	7 35	13 6	13 21	26 38		n.a.
S 5	8 53	1 10	2 19	11 35	1 5	19 45	2 19	18 50	1 14	4 42	1 3	17 49	1 30	21 51	0 2	19 54	1 17	11 55	7 35	13 6	13 22	26 39		n.a.
M 6	8 31	4s56	3 19	12 6	0 45	19 43	2 12	18 40	1 14	4 47	1 2	17 47	1 30	21 51	0 2	19 54	1 17	11 55	7 35	13 7	13 23	26 40		n.a.
T 7	8 8	10 42	4 8	12 32	0 25	19 40	2 5	18 29	1 15	4 52	1 2	17 45	1 31	21 51	0 2	19 54	1 17	11 55	7 36	13 7	13 24	26 41		n.a.
W 8	7 45	15 55	4 44	12 54	0 7	19 36	1 59	18 19	1 15	4 57	1 2	17 43	1 31	21 51	0 2	19 55	1 17	11 55	7 36	13 8	13 25	26 42		n.a.
T 9	7 23	20 26	5 6	13 12	0n11	19 32	1 53	18 8	1 15	5 2	1 2	17 41	1 31	21 51	0 2	19 55	1 17	11 55	7 36	13 9	13 26	26 43		n.a.
F 10	7 0	24 3	5 15	13 24	0 28	19 28	1 46	17 57	1 15	5 7	1 2	17 39	1 31	21 51	0 2	19 55	1 17	11 55	7 36	13 9	13 27	26 44		n.a.
S 11	6 37	26 37	5 10	13 32	0 43	19 23	1 40	17 46	1 15	5 12	1 2	17 37	1 31	21 51	0 2	19 55	1 17	11 55	7 36	13 9	13 28	26 45		n.a.
S 12	6 13	28 0	4 52	13 35	0 57	19 17	1 34	17 34	1 16	5 16	1 2	17 35	1 31	21 51	0 2	19 55	1 17	11 54	7 36	13 10	13 29	26 46		n.a.
M13	5 50	28 6	4 22	13 33	1 9	19 11	1 27	17 23	1 16	5 21	1 2	17 33	1 31	21 51	0 2	19 55	1 17	11 54	7 36	13 9	13 30	26 47		n.a.
T 14	5 27	26 51	3 39	13 27	1 20	19 4	1 21	17 12	1 16	5 26	1 1	17 31	1 32	21 51	0 2	19 56	1 17	11 54	7 36	13 9	13 31	26 47		n.a.
W15	5 3	24 18	2 46	13 17	1 30	18 57	1 15	17 0	1 16	5 31	1 1	17 29	1 32	21 52	0 2	19 56	1 17	11 54	7 37	13 8	13 32	26 48		n.a.
T 16	4 40	20 33	1 44	13 2	1 38	18 49	1 9	16 48	1 16	5 36	1 1	17 27	1 32	21 52	0 2	19 56	1 17	11 54	7 37	13 8	13 34	26 49		n.a.
F 17	4 16	15 45	0 35	12 44	1 45	18 41	1 3	16 37	1 16	5 41	1 1	17 25	1 32	21 52	0 2	19 56	1 17	11 53	7 37	13 7	13 35	26 50		n.a.
S 18	3 52	10 5	0n38	12 23	1 50	18 32	0 57	16 25	1 17	5 46	1 1	17 23	1 32	21 52	0 2	19 57	1 17	11 53	7 37	13 7	13 36	26 51		n.a.
S 19	3 29	3 50	1 50	11 58	1 55	18 22	0 52	16 13	1 17	5 51	1 1	17 21	1 32	21 52	0 2	19 57	1 17	11 53	7 37	13 8	13 37	26 52		n.a.
M20	3 5	2n44	2 58	11 30	1 58	18 12	0 46	16 1	1 17	5 56	1 1	17 19	1 32	21 52	0 2	19 57	1 17	11 53	7 37	13 9	13 38	26 53		n.a.
T 21	2 41	9 17	3 55	11 0	2 0	18 2	0 40	15 49	1 17	6 1	1 0	17 17	1 33	21 52	0 2	19 57	1 17	11 53	7 37	13 10	13 39	26 54		n.a.
W22	2 17	15 26	4 39	10 28	2 1	17 51	0 35	15 36	1 17	6 6	1 0	17 16	1 33	21 52	0 2	19 57	1 17	11 52	7 37	13 12	13 40	26 55		n.a.
T 23	1 53	20 47	5 5	9 53	2 2	17 39	0 29	15 24	1 17	6 11	1 0	17 14	1 33	21 51	0 2	19 58	1 16	11 52	7 37	13 13	13 41	26 56		n.a.
F 24	1 29	24 54	5 12	9 17	2 2	17 27	0 24	15 11	1 18	6 16	1 0	17 12	1 33	21 51	0 2	19 58	1 16	11 52	7 37	13 14	13 42	26 57		n.a.
S 25	1 5	27 26	4 59	8 39	2 1	17 14	0 18	14 59	1 18	6 21	1 0	17 10	1 33	21 51	0 2	19 58	1 16	11 52	7 38	13 15	13 43	26 57		n.a.
S 26	0 40	28 9	4 28	8 0	1 59	17 1	0 13	14 46	1 18	6 26	1 0	17 8	1 33	21 51	0 2	19 58	1 16	11 51	7 38	13 15	13 44	26 58		n.a.
M27	0 16	27 2	3 42	7 19	1 57	16 47	0 8	14 34	1 18	6 32	1 0	17 6	1 34	21 51	0 2	19 59	1 16	11 51	7 38	13 15	13 45	26 59		n.a.
T 28	0s 8	24 15	2 43	6 38	1 54	16 33	0 3	14 21	1 18	6 37	1 0	17 5	1 34	21 51	0 2	19 59	1 16	11 51	7 38	13 15	13 46	27 0		n.a.
W29	0 32	20 7	1 35	5 56	1 51	16 18	0n 2	14 8	1 18	6 42	1 0	17 3	1 34	21 51	0 2	19 59	1 16	11 51	7 38	13 14	13 47	27 1		n.a.
T 30	0s56	15n 1	0n23	5n13	1n47	16n 3	0n 7	13n55	1n18	6s47	1n 0	17n 1	1n34	21n51	0n 2	20s 0	1n16	11n51	7s38	13s14	13s48	27s 2		n.a.

Julian Day Number = 1604786.5, Delta T = 03h56m56s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'50, Lahiri = - 8°21'50 Julian Calendar 1 Sept. 320 BCE == Greg. Calendar 27 Aug. 320 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

OCTOBER 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 20 18	3♎20'17	4♍22	22♍43	18♌ 6	27♌34	19♎39	18♌24	7°R25	4♐11	25°R 0	25°R20	23♒35	9♐31	n.a.	F 1
S 2	0 24 15	4°20'32	17°27	24°23	19°12	28°12	19°52	18°30	7♊24	4°12	24♉59	25♒18	23°32	9°38	n.a.	S 2
S 3	0 28 11	5°20'49	0♎20	26° 2	20°19	28°50	20° 5	18°36	7°24	4°14	24°58	25°14	23°29	9°45	n.a.	S 3
M 4	0 32 8	6°21'08	13° 1	27°41	21°26	29°28	20°18	18°42	7°23	4°15	24°58	25° 8	23°26	9°52	n.a.	M 4
T 5	0 36 4	7°21'29	25°30	29°20	22°33	0♍ 6	20°32	18°48	7°22	4°16	24°57	25° 0	23°22	9°58	n.a.	T 5
W 6	0 40 1	8°21'52	7♏46	0♎59	23°41	0°43	20°45	18°53	7°21	4°18	24°56	24°52	23°19	10° 5	n.a.	W 6
T 7	0 43 57	9°22'16	19°53	2°38	24°48	1°21	20°58	18°59	7°20	4°19	24°55	24°43	23°16	10°12	n.a.	T 7
F 8	0 47 54	10°22'42	1♐51	4°16	25°56	1°59	21°11	19° 5	7°19	4°21	24°55	24°36	23°13	10°18	n.a.	F 8
S 9	0 51 51	11°23'10	13°43	5°55	27° 4	2°37	21°25	19°10	7°18	4°22	24°54	24°30	23°10	10°25	n.a.	S 9
S 10	0 55 47	12°23'39	25°33	7°32	28°12	3°15	21°38	19°16	7°17	4°24	24°53	24°26	23° 6	10°32	n.a.	S 10
M11	0 59 44	13°24'10	7♑27	9°10	29°21	3°53	21°51	19°21	7°16	4°25	24°52	24°25	23° 3	10°39	n.a.	M11
T 12	1 3 40	14°24'42	19°27	10°47	0♍29	4°31	22° 5	19°26	7°14	4°27	24°51	24°D24	23° 0	10°45	n.a.	T 12
W13	1 7 37	15°25'16	1♒41	12°24	1°38	5° 9	22°18	19°32	7°13	4°29	24°50	24°25	22°57	10°52	n.a.	W13
T 14	1 11 33	16°25'51	14°12	14° 1	2°47	5°46	22°31	19°37	7°12	4°30	24°49	24°27	22°54	10°59	n.a.	T 14
F 15	1 15 30	17°26'27	27° 6	15°37	3°56	6°24	22°45	19°42	7°10	4°32	24°49	24°R27	22°51	11° 5	n.a.	F 15
S 16	1 19 26	18°27'04	10♓25	17°13	5° 6	7° 2	22°58	19°47	7° 9	4°34	24°48	24°26	22°47	11°12	n.a.	S 16
S 17	1 23 23	19°27'43	24°12	18°49	6°15	7°40	23°11	19°52	7° 7	4°35	24°47	24°22	22°44	11°19	n.a.	S 17
M18	1 27 20	20°28'23	8♈24	20°24	7°25	8°18	23°25	19°57	7° 6	4°37	24°46	24°16	22°41	11°26	n.a.	M18
T 19	1 31 16	21°29'05	22°58	22° 0	8°35	8°56	23°38	20° 2	7° 4	4°39	24°45	24° 8	22°38	11°32	n.a.	T 19
W20	1 35 13	22°29'48	7♉46	23°35	9°45	9°33	23°52	20° 6	7° 3	4°41	24°44	23°59	22°35	11°39	n.a.	W20
T 21	1 39 9	23°30'33	22°42	25° 9	10°55	10°11	24° 5	20°11	7° 1	4°42	24°43	23°49	22°31	11°46	n.a.	T 21
F 22	1 43 6	24°31'20	7♊34	26°44	12° 5	10°49	24°18	20°16	7° 0	4°44	24°42	23°41	22°28	11°52	n.a.	F 22
S 23	1 47 2	25°32'08	22°16	28°18	13°16	11°27	24°32	20°20	6°58	4°46	24°41	23°34	22°25	11°59	n.a.	S 23
S 24	1 50 59	26°32'58	6♋42	29°53	14°26	12° 5	24°45	20°24	6°56	4°48	24°40	23°30	22°22	12° 6	n.a.	S 24
M25	1 54 55	27°33'50	20°48	1♏27	15°37	12°42	24°59	20°29	6°54	4°50	24°39	23°29	22°19	12°13	n.a.	M25
T 26	1 58 52	28°34'43	4♌34	3° 1	16°48	13°20	25°12	20°33	6°52	4°52	24°38	23°D28	22°16	12°19	n.a.	T 26
W27	2 2 49	29°35'38	18° 2	4°35	17°59	13°58	25°26	20°37	6°51	4°54	24°37	23°R29	22°12	12°26	n.a.	W27
T 28	2 6 45	0♏36'34	1♍13	6° 8	19°10	14°36	25°39	20°41	6°49	4°56	24°36	23°29	22° 9	12°33	n.a.	T 28
F 29	2 10 42	1°37'31	14° 9	7°42	20°22	15°14	25°52	20°45	6°47	4°58	24°35	23°27	22° 6	12°39	n.a.	F 29
S 30	2 14 38	2°38'30	26°54	9°16	21°33	15°51	26° 6	20°49	6°45	5° 0	24°33	23°22	22° 3	12°46	n.a.	S 30
S 31	2 18 35	3♏39'31	9♎27	10♏49	22♍45	16♍29	26♎19	20♌53	6♊43	5♐ 2	24♉32	23♒15	22♒ 0	12♐53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	1s21	9n16	0s49	4n29	1n43	15n47	0n12	13n42	1n19	6s52	0n59	16n59	1n34	21n51	0n 2	20s 0	1n16	11n50	7s38	13s14	13s49	27s 3			n.a.
S 2	1 45	3 13	1 57	3 46	1 38	15 30	0 16	13 29	1 19	6 57	0 59	16 58	1 34	21 51	0 2	20 0	1 16	11 50	7 38	13 15	13 51	27 3			n.a.
S 3	2 9	2s51	2 58	3 1	1 33	15 14	0 21	13 15	1 19	7 2	0 59	16 56	1 35	21 51	0 2	20 0	1 16	11 50	7 38	13 16	13 52	27 4			n.a.
M 4	2 33	8 43	3 49	2 17	1 28	14 56	0 26	13 2	1 19	7 7	0 59	16 54	1 35	21 51	0 2	20 1	1 16	11 50	7 38	13 18	13 53	27 5			n.a.
T 5	2 57	14 8	4 28	1 32	1 23	14 38	0 30	12 49	1 19	7 12	0 59	16 53	1 35	21 50	0 2	20 1	1 16	11 49	7 39	13 21	13 54	27 6			n.a.
W 6	3 21	18 54	4 54	0 47	1 17	14 20	0 34	12 35	1 19	7 17	0 59	16 51	1 35	21 50	0 2	20 1	1 16	11 49	7 39	13 24	13 55	27 7			n.a.
T 7	3 45	22 50	5 7	0 2	1 12	14 1	0 39	12 22	1 19	7 22	0 59	16 49	1 35	21 50	0 2	20 2	1 16	11 49	7 39	13 27	13 56	27 7			n.a.
F 8	4 10	25 46	5 5	0s43	1 6	13 42	0 43	12 8	1 19	7 28	0 59	16 48	1 36	21 50	0 2	20 2	1 16	11 48	7 39	13 29	13 57	27 8			n.a.
S 9	4 33	27 32	4 51	1 28	1 0	13 22	0 47	11 54	1 20	7 33	0 59	16 46	1 36	21 50	0 2	20 2	1 16	11 48	7 39	13 31	13 58	27 9			n.a.
S 10	4 57	28 3	4 24	2 13	0 53	13 2	0 51	11 40	1 20	7 38	0 59	16 45	1 36	21 50	0 2	20 3	1 16	11 48	7 39	13 32	13 59	27 10			n.a.
M11	5 21	27 17	3 45	2 57	0 47	12 41	0 54	11 27	1 20	7 43	0 59	16 43	1 36	21 49	0 2	20 3	1 16	11 48	7 39	13 33	14 0	27 10			n.a.
T 12	5 45	25 13	2 57	3 42	0 41	12 21	0 58	11 13	1 20	7 48	0 58	16 42	1 36	21 49	0 2	20 3	1 16	11 47	7 39	13 33	14 1	27 11			n.a.
W13	6 9	21 58	1 59	4 26	0 34	11 59	1 2	10 59	1 20	7 53	0 58	16 40	1 36	21 49	0 2	20 4	1 16	11 47	7 39	13 33	14 2	27 12			n.a.
T 14	6 32	17 39	0 55	5 10	0 28	11 37	1 5	10 45	1 20	7 58	0 58	16 39	1 37	21 49	0 2	20 4	1 16	11 47	7 39	13 32	14 3	27 13			n.a.
F 15	6 56	12 24	0n14	5 54	0 21	11 15	1 9	10 31	1 20	8 3	0 58	16 37	1 37	21 49	0 2	20 4	1 16	11 47	7 39	13 32	14 4	27 13			n.a.
S 16	7 19	6 27	1 25	6 37	0 15	10 52	1 12	10 17	1 20	8 8	0 58	16 36	1 37	21 48	0 2	20 5	1 15	11 46	7 39	13 33	14 5	27 14			n.a.
S 17	7 42	0 1	2 32	7 20	0 8	10 30	1 15	10 2	1 20	8 13	0 58	16 34	1 37	21 48	0 2	20 5	1 15	11 46	7 39	13 34	14 6	27 15			n.a.
M18	8 6	6n37	3 33	8 3	0 2	10 6	1 18	9 48	1 20	8 18	0 58	16 33	1 38	21 48	0 2	20 5	1 15	11 46	7 39	13 36	14 7	27 15			n.a.
T 19	8 29	13 3	4 21	8 45	0s 5	9 43	1 21	9 34	1 21	8 23	0 58	16 32	1 38	21 48	0 2	20 6	1 15	11 46	7 39	13 38	14 8	27 16			n.a.
W20	8 52	18 52	4 52	9 27	0 12	9 19	1 24	9 19	1 21	8 29	0 58	16 30	1 38	21 47	0 2	20 6	1 15	11 45	7 39	13 42	14 10	27 17			n.a.
T 21	9 14	23 34	5 4	10 8	0 18	8 54	1 27	9 5	1 21	8 34	0 58	16 29	1 38	21 47	0 2	20 7	1 15	11 45	7 40	13 45	14 11	27 17			n.a.
F 22	9 37	26 41	4 55	10 49	0 25	8 29	1 30	8 51	1 21	8 39	0 58	16 28	1 38	21 47	0 2	20 7	1 15	11 45	7 40	13 48	14 12	27 18			n.a.
S 23	10 0	27 57	4 27	11 29	0 31	8 4	1 32	8 36	1 21	8 44	0 58	16 27	1 39	21 47	0 2	20 7	1 15	11 44	7 40	13 50	14 13	27 19			n.a.
S 24	10 22	27 16	3 42	12 9	0 37	7 39	1 35	8 22	1 21	8 49	0 58	16 25	1 39	21 46	0 2	20 8	1 15	11 44	7 40	13 51	14 14	27 19			n.a.
M25	10 44	24 49	2 45	12 48	0 43	7 14	1 37	8 7	1 21	8 54	0 58	16 24	1 39	21 46	0 2	20 8	1 15	11 44	7 40	13 52	14 15	27 20			n.a.
T 26	11 6	20 57	1 39	13 27	0 50	6 48	1 39	7 52	1 21	8 59	0 58	16 23	1 39	21 46	0 2	20 8	1 15	11 44	7 40	13 52	14 16	27 21			n.a.
W27	11 28	16 4	0 29	14 5	0 56	6 22	1 42	7 38	1 21	9 4	0 58	16 22	1 39	21 45	0 2	20 9	1 15	11 43	7 40	13 52	14 17	27 21			n.a.
T 28	11 50	10 32	0s41	14 42	1 2	5 55	1 44	7 23	1 21	9 9	0 57	16 21	1 40	21 45	0 2	20 9	1 15	11 43	7 40	13 52	14 18	27 22			n.a.
F 29	12 11	4 40	1 47	15 19	1 7	5 29	1 46	7 8	1 21	9 14	0 57	16 20	1 40	21 45	0 2	20 10	1 15	11 43	7 40	13 52	14 19	27 22			n.a.
S 30	12 32	1s18	2 47	15 55	1 13	5 2	1 47	6 53	1 21	9 19	0 57	16 19	1 40	21 44	0 2	20 10	1 15	11 43	7 40	13 54	14 20	27 23			n.a.
S 31	12s53	7s 7	3s38	16s30	1s19	4n35	1n49	6n39	1n21	9s23	0n57	16n18	1n40	21n44	0n 2	20s10	1n15	11n42	7s40	13s56	14s21	27s24			n.a.

Julian Day Number = 1604816.5, Delta T = 03h56m55s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'46, Lahiri = - 8°21'46 Julian Calendar 1 Oct. 320 BCE == Greg. Calendar 26 Sept. 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

NOVEMBER 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 22 31	4♏40'32	21♎52	12♏22	23♍56	17♍ 7	26♎33	20♌57	6°R41	5♐ 4	24°R31	23°R 4	21♒57	13♐ 0	n.a.	M 1
T 2	2 26 28	5°41'35	4♏ 7	13°56	25° 8	17°45	26°46	21° 0	6♊39	5° 6	24♉30	22♒51	21°53	13° 6	n.a.	T 2
W 3	2 30 24	6°42'39	16°15	15°29	26°20	18°22	26°59	21° 4	6°36	5° 8	24°29	22°37	21°50	13°13	n.a.	W 3
T 4	2 34 21	7°43'43	28°16	17° 2	27°32	19° 0	27°13	21° 7	6°34	5°10	24°28	22°23	21°47	13°20	n.a.	T 4
F 5	2 38 18	8°44'49	10♐10	18°36	28°44	19°38	27°26	21°11	6°32	5°12	24°27	22°10	21°44	13°26	n.a.	F 5
S 6	2 42 14	9°45'56	22° 1	20° 9	29°56	20°16	27°39	21°14	6°30	5°14	24°26	21°59	21°41	13°33	n.a.	S 6
S 7	2 46 11	10°47'03	3♑50	21°42	1♎ 8	20°53	27°53	21°17	6°28	5°16	24°24	21°50	21°37	13°40	n.a.	S 7
M 8	2 50 7	11°48'11	15°41	23°15	2°20	21°31	28° 6	21°20	6°25	5°18	24°23	21°45	21°34	13°47	n.a.	M 8
T 9	2 54 4	12°49'19	27°39	24°48	3°33	22° 9	28°19	21°23	6°23	5°20	24°22	21°42	21°31	13°53	n.a.	T 9
W10	2 58 0	13°50'28	9♒47	26°20	4°45	22°46	28°32	21°26	6°21	5°22	24°21	21°41	21°28	14° 0	n.a.	W10
T 11	3 1 57	14°51'38	22°13	27°53	5°58	23°24	28°45	21°28	6°18	5°24	24°20	21°41	21°25	14° 7	n.a.	T 11
F 12	3 5 53	15°52'47	5♓ 1	29°25	7°11	24° 2	28°59	21°31	6°16	5°27	24°19	21°41	21°22	14°13	n.a.	F 12
S 13	3 9 50	16°53'58	18°15	0♐57	8°23	24°39	29°12	21°34	6°14	5°29	24°17	21°39	21°18	14°20	n.a.	S 13
S 14	3 13 47	17°55'08	1♈59	2°29	9°36	25°17	29°25	21°36	6°11	5°31	24°16	21°34	21°15	14°27	n.a.	S 14
M15	3 17 43	18°56'19	16°14	4° 0	10°49	25°54	29°38	21°38	6° 9	5°33	24°15	21°27	21°12	14°34	n.a.	M15
T 16	3 21 40	19°57'30	0♉56	5°31	12° 2	26°32	29°51	21°41	6° 6	5°35	24°14	21°17	21° 9	14°40	n.a.	T 16
W17	3 25 36	20°58'42	15°59	7° 1	13°15	27°10	0♏ 4	21°43	6° 4	5°38	24°13	21° 6	21° 6	14°47	n.a.	W17
T 18	3 29 33	21°59'54	1♊14	8°31	14°28	27°47	0°17	21°45	6° 2	5°40	24°12	20°54	21° 3	14°54	n.a.	T 18
F 19	3 33 29	23° 1'07	16°30	9°59	15°41	28°25	0°30	21°47	5°59	5°42	24°10	20°43	20°59	15° 0	n.a.	F 19
S 20	3 37 26	24° 2'21	1♋34	11°27	16°54	29° 2	0°43	21°49	5°57	5°44	24° 9	20°34	20°56	15° 7	n.a.	S 20
S 21	3 41 23	25° 3'35	16°20	12°53	18° 7	29°40	0°56	21°50	5°54	5°47	24° 8	20°28	20°53	15°14	n.a.	S 21
M22	3 45 19	26° 4'49	0♌41	14°17	19°21	0♎17	1° 9	21°52	5°51	5°49	24° 7	20°25	20°50	15°21	n.a.	M22
T 23	3 49 16	27° 6'04	14°36	15°39	20°34	0°55	1°21	21°53	5°49	5°51	24° 6	20°24	20°47	15°27	n.a.	T 23
W24	3 53 12	28° 7'20	28° 5	17° 0	21°48	1°32	1°34	21°55	5°46	5°53	24° 4	20°24	20°43	15°34	n.a.	W24
T 25	3 57 9	29° 8'36	11♍12	18°17	23° 1	2°10	1°47	21°56	5°44	5°56	24° 3	20°24	20°40	15°41	n.a.	T 25
F 26	4 1 5	0♐ 9'52	24° 0	19°31	24°15	2°47	1°59	21°57	5°41	5°58	24° 2	20°22	20°37	15°47	n.a.	F 26
S 27	4 5 2	1°11'09	6♎32	20°42	25°28	3°25	2°12	21°58	5°39	6° 0	24° 1	20°17	20°34	15°54	n.a.	S 27
S 28	4 8 58	2°12'26	18°52	21°48	26°42	4° 2	2°25	21°59	5°36	6° 2	24° 0	20° 9	20°31	16° 1	n.a.	S 28
M29	4 12 55	3°13'44	1♏ 3	22°49	27°55	4°40	2°37	22° 0	5°34	6° 5	23°59	19°59	20°28	16° 8	n.a.	M29
T 30	4 16 52	4♐15'01	13♏ 7	23♐44	29♎ 9	5♎17	2♏50	22♌ 1	5♊31	6♐ 7	23♉57	19♒46	20♒24	16♐14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s14	12s35	4s18	17s 4	1s24	4n 8	1n51	6n24	1n21	9s28	0n57	16n17	1n41	21n44	0n 2	20s11	1n15	11n42	7s40	14s 0	14s22	27s24		n.a.
T 2	13 35	17 30	4 45	17 38	1 29	3 40	1 52	6 9	1 21	9 33	0 57	16 16	1 41	21 43	0 2	20 11	1 15	11 42	7 40	14 4	14 23	27 25		n.a.
W 3	13 55	21 39	4 58	18 11	1 34	3 13	1 54	5 54	1 22	9 38	0 57	16 15	1 41	21 43	0 2	20 12	1 15	11 41	7 40	14 9	14 24	27 25		n.a.
T 4	14 16	24 52	4 59	18 43	1 39	2 45	1 55	5 39	1 22	9 43	0 57	16 14	1 41	21 43	0 2	20 12	1 15	11 41	7 40	14 13	14 25	27 26		n.a.
F 5	14 36	26 58	4 46	19 14	1 44	2 17	1 56	5 24	1 22	9 48	0 57	16 13	1 42	21 42	0 2	20 12	1 15	11 41	7 40	14 18	14 26	27 26		n.a.
S 6	14 55	27 50	4 21	19 44	1 48	1 49	1 57	5 9	1 22	9 53	0 57	16 12	1 42	21 42	0 2	20 13	1 15	11 41	7 40	14 21	14 27	27 27		n.a.
S 7	15 15	27 25	3 44	20 13	1 52	1 21	1 58	4 54	1 22	9 58	0 57	16 11	1 42	21 42	0 2	20 13	1 15	11 40	7 40	14 24	14 28	27 27		n.a.
M 8	15 34	25 45	2 58	20 41	1 56	0 52	1 59	4 39	1 22	10 2	0 57	16 11	1 42	21 41	0 2	20 14	1 15	11 40	7 40	14 26	14 29	27 28		n.a.
T 9	15 53	22 54	2 3	21 8	1 59	0 24	2 0	4 24	1 22	10 7	0 57	16 10	1 43	21 41	0 2	20 14	1 15	11 40	7 40	14 27	14 30	27 28		n.a.
W10	16 11	19 1	1 3	21 34	2 3	0s 4	2 1	4 9	1 22	10 12	0 57	16 9	1 43	21 40	0 2	20 14	1 15	11 40	7 40	14 27	14 31	27 29		n.a.
T 11	16 30	14 14	0n 3	21 58	2 6	0 33	2 1	3 54	1 22	10 17	0 57	16 9	1 43	21 40	0 2	20 15	1 15	11 39	7 40	14 27	14 32	27 29		n.a.
F 12	16 48	8 42	1 10	22 22	2 8	1 1	2 2	3 39	1 22	10 22	0 57	16 8	1 43	21 40	0 2	20 15	1 15	11 39	7 40	14 27	14 33	27 30		n.a.
S 13	17 5	2 38	2 15	22 44	2 10	1 30	2 2	3 24	1 22	10 26	0 57	16 7	1 44	21 39	0 2	20 16	1 15	11 39	7 40	14 28	14 34	27 30		n.a.
S 14	17 23	3n47	3 15	23 4	2 12	1 59	2 2	3 9	1 22	10 31	0 57	16 7	1 44	21 39	0 2	20 16	1 15	11 38	7 40	14 29	14 35	27 31		n.a.
M15	17 40	10 14	4 6	23 24	2 14	2 27	2 2	2 54	1 22	10 36	0 57	16 6	1 44	21 38	0 2	20 16	1 15	11 38	7 40	14 32	14 37	27 31		n.a.
T 16	17 57	16 19	4 41	23 42	2 15	2 56	2 3	2 39	1 22	10 40	0 57	16 6	1 44	21 38	0 2	20 17	1 15	11 38	7 40	14 35	14 38	27 32		n.a.
W17	18 13	21 35	4 59	23 58	2 15	3 25	2 3	2 23	1 22	10 45	0 57	16 5	1 45	21 38	0 2	20 17	1 15	11 38	7 40	14 39	14 39	27 32		n.a.
T 18	18 30	25 28	4 55	24 13	2 15	3 54	2 2	2 8	1 22	10 50	0 57	16 5	1 45	21 37	0 2	20 18	1 14	11 37	7 40	14 42	14 40	27 33		n.a.
F 19	18 45	27 31	4 30	24 26	2 14	4 22	2 2	1 53	1 22	10 54	0 57	16 5	1 45	21 37	0 2	20 18	1 14	11 37	7 40	14 46	14 41	27 33		n.a.
S 20	19 1	27 31	3 47	24 38	2 13	4 51	2 2	1 38	1 22	10 59	0 57	16 4	1 45	21 36	0 2	20 18	1 14	11 37	7 40	14 49	14 42	27 34		n.a.
S 21	19 16	25 31	2 49	24 47	2 11	5 19	2 2	1 23	1 22	11 3	0 57	16 4	1 46	21 36	0 2	20 19	1 14	11 37	7 39	14 51	14 43	27 34		n.a.
M22	19 31	21 55	1 42	24 55	2 8	5 48	2 1	1 8	1 22	11 8	0 57	16 4	1 46	21 35	0 2	20 19	1 14	11 37	7 39	14 52	14 44	27 34		n.a.
T 23	19 45	17 9	0 31	25 1	2 5	6 16	2 1	0 53	1 22	11 12	0 57	16 3	1 46	21 35	0 2	20 20	1 14	11 36	7 39	14 52	14 45	27 35		n.a.
W24	19 59	11 39	0s41	25 6	2 1	6 45	2 0	0 38	1 22	11 17	0 57	16 3	1 46	21 35	0 2	20 20	1 14	11 36	7 39	14 52	14 46	27 35		n.a.
T 25	20 13	5 48	1 48	25 8	1 56	7 13	1 59	0 22	1 22	11 21	0 57	16 3	1 47	21 34	0 2	20 20	1 14	11 36	7 39	14 52	14 47	27 36		n.a.
F 26	20 26	0s 9	2 47	25 8	1 50	7 41	1 58	0 7	1 21	11 26	0 57	16 3	1 47	21 34	0 2	20 21	1 14	11 36	7 39	14 53	14 48	27 36		n.a.
S 27	20 39	5 57	3 38	25 7	1 43	8 9	1 57	0s 8	1 21	11 30	0 57	16 3	1 47	21 33	0 2	20 21	1 14	11 35	7 39	14 54	14 49	27 36		n.a.
S 28	20 52	11 26	4 17	25 3	1 35	8 37	1 56	0 23	1 21	11 34	0 57	16 3	1 47	21 33	0 2	20 22	1 14	11 35	7 39	14 57	14 50	27 37		n.a.
M29	21 4	16 25	4 44	24 58	1 26	9 4	1 55	0 38	1 21	11 39	0 57	16 3	1 48	21 32	0 2	20 22	1 14	11 35	7 39	15 0	14 51	27 37		n.a.
T 30	21s15	20s42	4s58	24s50	1s15	9s32	1n54	0s53	1n21	11s43	0n57	16n 3	1n48	21n32	0n 3	20s23	1n14	11n35	7s39	15s 4	14s52	27s37		n.a.

Julian Day Number = 1604847.5, Delta T = 03h56m53s
Ecliptic obliquity = 23°44'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'42, Lahiri = - 8°21'41 Julian Calendar 1 Nov. 320 BCE == Greg. Calendar 27 Oct. 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 320 BCE
geocentric

DECEMBER 320 BCE (-319) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 20 48	5♐16'19	25♏ 6	24♐33	0♏23	5♎54	3♏ 2	22♌ 2	5°R28	6♐ 9	23°R56	19°R32	20♒21	16♐21	n.a.	W 1
T 2	4 24 45	6°17'36	7♐ 1	25°15	1°37	6°32	3°14	22° 2	5♊26	6°11	23♉55	19♒17	20°18	16°28	n.a.	T 2
F 3	4 28 41	7°18'54	18°52	25°47	2°51	7° 9	3°27	22° 3	5°23	6°14	23°54	19° 3	20°15	16°34	n.a.	F 3
S 4	4 32 38	8°20'11	0♑43	26°11	4° 4	7°46	3°39	22° 3	5°21	6°16	23°53	18°52	20°12	16°41	n.a.	S 4
S 5	4 36 34	9°21'28	12°33	26°24	5°18	8°24	3°51	22° 3	5°18	6°18	23°52	18°43	20° 9	16°48	n.a.	S 5
M 6	4 40 31	10°22'45	24°26	26°R27	6°32	9° 1	4° 3	22°R 3	5°15	6°20	23°50	18°38	20° 5	16°55	n.a.	M 6
T 7	4 44 27	11°24'01	6♒25	26°18	7°46	9°38	4°15	22° 3	5°13	6°23	23°49	18°35	20° 2	17° 1	n.a.	T 7
W 8	4 48 24	12°25'17	18°34	25°57	9° 0	10°15	4°27	22° 3	5°10	6°25	23°48	18°D34	19°59	17° 8	n.a.	W 8
T 9	4 52 21	13°26'32	0♓57	25°25	10°14	10°53	4°39	22° 3	5° 8	6°27	23°47	18°34	19°56	17°15	n.a.	T 9
F 10	4 56 17	14°27'46	13°40	24°41	11°28	11°30	4°51	22° 2	5° 5	6°30	23°46	18°R35	19°53	17°21	n.a.	F 10
S 11	5 0 14	15°28'59	26°46	23°46	12°42	12° 7	5° 3	22° 2	5° 3	6°32	23°45	18°34	19°49	17°28	n.a.	S 11
S 12	5 4 10	16°30'12	10♈20	22°43	13°56	12°44	5°15	22° 1	5° 0	6°34	23°44	18°32	19°46	17°35	n.a.	S 12
M13	5 8 7	17°31'24	24°24	21°32	15°10	13°21	5°26	22° 1	4°58	6°36	23°43	18°27	19°43	17°41	n.a.	M13
T 14	5 12 3	18°32'35	8♉57	20°16	16°24	13°58	5°38	22° 0	4°55	6°39	23°42	18°19	19°40	17°48	n.a.	T 14
W15	5 16 0	19°33'45	23°55	18°58	17°39	14°35	5°49	21°59	4°53	6°41	23°41	18°11	19°37	17°55	n.a.	W15
T 16	5 19 57	20°34'55	9♊10	17°39	18°53	15°12	6° 1	21°58	4°50	6°43	23°40	18° 1	19°34	18° 2	n.a.	T 16
F 17	5 23 53	21°36'04	24°31	16°23	20° 7	15°49	6°12	21°57	4°48	6°45	23°38	17°53	19°30	18° 8	n.a.	F 17
S 18	5 27 50	22°37'12	9♋47	15°11	21°21	16°26	6°23	21°56	4°45	6°47	23°37	17°46	19°27	18°15	n.a.	S 18
S 19	5 31 46	23°38'20	24°48	14° 5	22°35	17° 3	6°34	21°54	4°43	6°50	23°36	17°41	19°24	18°22	n.a.	S 19
M20	5 35 43	24°39'26	9♌25	13° 7	23°49	17°40	6°45	21°53	4°40	6°52	23°35	17°39	19°21	18°28	n.a.	M20
T 21	5 39 39	25°40'33	23°34	12°17	25° 4	18°17	6°56	21°51	4°38	6°54	23°34	17°D39	19°18	18°35	n.a.	T 21
W22	5 43 36	26°41'38	7♍15	11°36	26°18	18°54	7° 7	21°50	4°36	6°56	23°33	17°40	19°15	18°42	n.a.	W22
T 23	5 47 32	27°42'43	20°29	11° 4	27°32	19°31	7°18	21°48	4°33	6°58	23°32	17°41	19°11	18°49	n.a.	T 23
F 24	5 51 29	28°43'47	3♎19	10°42	28°46	20° 8	7°29	21°46	4°31	7° 0	23°32	17°R41	19° 8	18°55	n.a.	F 24
S 25	5 55 26	29°44'51	15°50	10°28	0♐ 1	20°44	7°40	21°44	4°29	7° 3	23°31	17°39	19° 5	19° 2	n.a.	S 25
S 26	5 59 22	0♑45'54	28° 6	10°D23	1°15	21°21	7°50	21°42	4°27	7° 5	23°30	17°36	19° 2	19° 9	n.a.	S 26
M27	6 3 19	1°46'56	10♏10	10°26	2°29	21°58	8° 1	21°40	4°24	7° 7	23°29	17°30	18°59	19°15	n.a.	M27
T 28	6 7 15	2°47'57	22° 8	10°37	3°44	22°35	8°11	21°38	4°22	7° 9	23°28	17°22	18°55	19°22	n.a.	T 28
W29	6 11 12	3°48'57	4♐ 0	10°54	4°58	23°11	8°21	21°36	4°20	7°11	23°27	17°14	18°52	19°29	n.a.	W29
T 30	6 15 8	4°49'57	15°51	11°18	6°12	23°48	8°31	21°33	4°18	7°13	23°26	17° 5	18°49	19°35	n.a.	T 30
F 31	6 19 5	5♑50'55	27♐42	11♐47	7♐27	24♎25	8♏42	21♌31	4♊16	7♐15	23♉25	16♒57	18♒46	19♐42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s27	24s 6	4s59	24s41	1s 4	9s59	1n53	1s 8	1n21	11s47	0n57	16n 3	1n48	21n31	0n 3	20s23	1n14	11n35	7s39	15s 9	14s53	27s38			n.a.
T 2	21 38	26 27	4 46	24 30	0 51	10 26	1 52	1 23	1 21	11 51	0 57	16 3	1 48	21 31	0 3	20 23	1 14	11 34	7 39	15 13	14 54	27 38			n.a.
F 3	21 48	27 36	4 21	24 17	0 37	10 53	1 50	1 38	1 21	11 56	0 57	16 3	1 49	21 30	0 3	20 24	1 14	11 34	7 39	15 18	14 55	27 38			n.a.
S 4	21 58	27 29	3 45	24 3	0 22	11 20	1 49	1 53	1 21	12 0	0 57	16 3	1 49	21 30	0 3	20 24	1 14	11 34	7 39	15 21	14 56	27 39			n.a.
S 5	22 8	26 6	2 59	23 47	0 6	11 46	1 47	2 8	1 21	12 4	0 57	16 3	1 49	21 30	0 3	20 25	1 14	11 34	7 38	15 24	14 57	27 39			n.a.
M 6	22 17	23 32	2 5	23 29	0n12	12 12	1 46	2 23	1 21	12 8	0 57	16 3	1 50	21 29	0 3	20 25	1 14	11 34	7 38	15 26	14 58	27 39			n.a.
T 7	22 26	19 56	1 4	23 11	0 30	12 38	1 44	2 38	1 21	12 12	0 57	16 4	1 50	21 29	0 3	20 25	1 14	11 33	7 38	15 27	14 59	27 40			n.a.
W 8	22 34	15 27	0n 0	22 51	0 49	13 3	1 43	2 53	1 20	12 16	0 57	16 4	1 50	21 28	0 3	20 26	1 14	11 33	7 38	15 27	15 0	27 40			n.a.
T 9	22 42	10 15	1 6	22 31	1 9	13 29	1 41	3 8	1 20	12 20	0 57	16 4	1 50	21 28	0 3	20 26	1 14	11 33	7 38	15 27	15 1	27 40			n.a.
F 10	22 49	4 31	2 10	22 9	1 28	13 54	1 39	3 22	1 20	12 24	0 57	16 5	1 51	21 27	0 3	20 27	1 14	11 33	7 38	15 27	15 2	27 40			n.a.
S 11	22 56	1n35	3 9	21 48	1 48	14 18	1 37	3 37	1 20	12 28	0 57	16 5	1 51	21 27	0 3	20 27	1 14	11 33	7 38	15 27	15 3	27 41			n.a.
S 12	23 2	7 48	4 0	21 26	2 6	14 42	1 35	3 52	1 20	12 32	0 57	16 5	1 51	21 26	0 3	20 27	1 14	11 33	7 38	15 28	15 4	27 41			n.a.
M13	23 9	13 52	4 38	21 4	2 24	15 6	1 33	4 7	1 20	12 36	0 57	16 6	1 51	21 26	0 3	20 28	1 14	11 33	7 38	15 29	15 5	27 41			n.a.
T 14	23 14	19 23	5 0	20 43	2 40	15 30	1 31	4 21	1 20	12 40	0 57	16 6	1 52	21 25	0 3	20 28	1 14	11 32	7 37	15 31	15 6	27 41			n.a.
W15	23 19	23 52	5 3	20 23	2 54	15 53	1 29	4 36	1 20	12 44	0 57	16 7	1 52	21 25	0 3	20 28	1 14	11 32	7 37	15 34	15 7	27 42			n.a.
T 16	23 24	26 46	4 44	20 5	3 5	16 16	1 27	4 51	1 19	12 47	0 57	16 7	1 52	21 25	0 3	20 29	1 14	11 32	7 37	15 37	15 8	27 42			n.a.
F 17	23 28	27 42	4 5	19 48	3 15	16 38	1 25	5 5	1 19	12 51	0 57	16 8	1 52	21 24	0 3	20 29	1 14	11 32	7 37	15 40	15 9	27 42			n.a.
S 18	23 32	26 30	3 8	19 34	3 21	17 0	1 22	5 20	1 19	12 55	0 57	16 9	1 53	21 24	0 3	20 30	1 14	11 32	7 37	15 42	15 10	27 42			n.a.
S 19	23 35	23 23	1 59	19 22	3 26	17 21	1 20	5 34	1 19	12 58	0 57	16 9	1 53	21 23	0 3	20 30	1 14	11 32	7 37	15 43	15 11	27 42			n.a.
M20	23 38	18 49	0 44	19 13	3 28	17 42	1 18	5 48	1 19	13 2	0 57	16 10	1 53	21 23	0 3	20 30	1 14	11 32	7 37	15 44	15 12	27 43			n.a.
T 21	23 40	13 20	0s32	19 7	3 28	18 3	1 15	6 3	1 18	13 6	0 57	16 11	1 53	21 22	0 3	20 31	1 14	11 32	7 37	15 44	15 13	27 43			n.a.
W22	23 42	7 21	1 43	19 3	3 26	18 23	1 13	6 17	1 18	13 9	0 58	16 12	1 54	21 22	0 3	20 31	1 14	11 31	7 36	15 44	15 14	27 43			n.a.
T 23	23 43	1 16	2 47	19 2	3 22	18 43	1 11	6 31	1 18	13 13	0 58	16 12	1 54	21 22	0 3	20 31	1 14	11 31	7 36	15 43	15 15	27 43			n.a.
F 24	23 44	4s42	3 41	19 4	3 17	19 2	1 8	6 46	1 18	13 16	0 58	16 13	1 54	21 21	0 3	20 32	1 14	11 31	7 36	15 43	15 16	27 43			n.a.
S 25	23 44	10 19	4 22	19 9	3 11	19 20	1 6	7 0	1 18	13 20	0 58	16 14	1 54	21 21	0 3	20 32	1 14	11 31	7 36	15 44	15 17	27 43			n.a.
S 26	23 44	15 26	4 50	19 15	3 4	19 38	1 3	7 14	1 17	13 23	0 58	16 15	1 55	21 20	0 3	20 32	1 14	11 31	7 36	15 45	15 18	27 43			n.a.
M27	23 43	19 52	5 5	19 23	2 56	19 56	1 0	7 28	1 17	13 27	0 58	16 16	1 55	21 20	0 3	20 33	1 14	11 31	7 36	15 47	15 19	27 44			n.a.
T 28	23 42	23 27	5 7	19 33	2 47	20 13	0 58	7 42	1 17	13 30	0 58	16 17	1 55	21 19	0 3	20 33	1 14	11 31	7 36	15 49	15 20	27 44			n.a.
W29	23 41	26 2	4 55	19 45	2 38	20 29	0 55	7 56	1 17	13 33	0 58	16 18	1 55	21 19	0 3	20 33	1 14	11 31	7 35	15 52	15 21	27 44			n.a.
T 30	23 39	27 27	4 30	19 58	2 28	20 45	0 53	8 10	1 16	13 36	0 58	16 19	1 56	21 19	0 3	20 34	1 14	11 31	7 35	15 54	15 22	27 44			n.a.
F 31	23s36	27s37	3s54	20s11	2n19	21s 0	0n50	8s24	1n16	13s40	0n58	16n20	1n56	21n18	0n 3	20s34	1n14	11n31	7s35	15s57	15s23	27s44			n.a.

Julian Day Number = 1604877.5, Delta T = 03h56m52s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'38, Lahiri = - 8°21'37 Julian Calendar 1 Dec. 320 BCE == Greg. Calendar 26 Nov. 320 BCE

The year -319 astronomical counting style corresponds to year 320 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

JANUARY 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 23 1	6♑51'52	9♑34	12♐22	8♐41	25♎ 1	8♏51	21°R28	4°R14	7♐17	23°R24	16°R50	18♒43	19♐49	n.a.	S 1
S 2	6 26 58	7°52'48	21°30	13° 2	9°55	25°38	9° 1	21♌25	4♊12	7°19	23♉24	16♒45	18°40	19°56	n.a.	S 2
M 3	6 30 55	8°53'42	3♒31	13°46	11°10	26°14	9°11	21°23	4°10	7°21	23°23	16°42	18°36	20° 2	n.a.	M 3
T 4	6 34 51	9°54'35	15°38	14°34	12°24	26°50	9°21	21°20	4° 8	7°23	23°22	16°D41	18°33	20° 9	n.a.	T 4
W 5	6 38 48	10°55'27	27°55	15°25	13°39	27°27	9°30	21°17	4° 6	7°25	23°21	16°41	18°30	20°16	n.a.	W 5
T 6	6 42 44	11°56'17	10♓25	16°20	14°53	28° 3	9°40	21°14	4° 4	7°27	23°21	16°43	18°27	20°22	n.a.	T 6
F 7	6 46 41	12°57'05	23°11	17°18	16° 7	28°39	9°49	21°11	4° 2	7°29	23°20	16°45	18°24	20°29	n.a.	F 7
S 8	6 50 37	13°57'51	6♈15	18°19	17°22	29°16	9°58	21° 7	4° 0	7°31	23°19	16°46	18°21	20°36	n.a.	S 8
S 9	6 54 34	14°58'36	19°43	19°22	18°36	29°52	10° 7	21° 4	3°58	7°33	23°18	16°R46	18°17	20°43	n.a.	S 9
M10	6 58 31	15°59'19	3♉34	20°28	19°50	0♏28	10°16	21° 1	3°57	7°35	23°18	16°45	18°14	20°49	n.a.	M10
T 11	7 2 27	17° 0'00	17°50	21°36	21° 5	1° 4	10°25	20°57	3°55	7°37	23°17	16°42	18°11	20°56	n.a.	T 11
W12	7 6 24	18° 0'40	2♊29	22°46	22°19	1°40	10°34	20°54	3°53	7°39	23°16	16°39	18° 8	21° 3	n.a.	W12
T 13	7 10 20	19° 1'17	17°26	23°58	23°33	2°16	10°42	20°50	3°52	7°40	23°16	16°35	18° 5	21° 9	n.a.	T 13
F 14	7 14 17	20° 1'53	2♋33	25°11	24°48	2°52	10°51	20°47	3°50	7°42	23°15	16°31	18° 1	21°16	n.a.	F 14
S 15	7 18 13	21° 2'27	17°40	26°27	26° 2	3°28	10°59	20°43	3°48	7°44	23°15	16°28	17°58	21°23	n.a.	S 15
S 16	7 22 10	22° 3'00	2♌39	27°43	27°16	4° 4	11° 7	20°39	3°47	7°46	23°14	16°26	17°55	21°29	n.a.	S 16
M17	7 26 6	23° 3'30	17°20	29° 2	28°31	4°40	11°15	20°35	3°46	7°48	23°14	16°D25	17°52	21°36	n.a.	M17
T 18	7 30 3	24° 4'00	1♍38	0♑21	29°45	5°16	11°23	20°31	3°44	7°49	23°13	16°26	17°49	21°43	n.a.	T 18
W19	7 34 0	25° 4'27	15°29	1°43	0♑59	5°51	11°31	20°27	3°43	7°51	23°13	16°27	17°46	21°50	n.a.	W19
T 20	7 37 56	26° 4'53	28°53	3° 5	2°14	6°27	11°39	20°23	3°41	7°53	23°12	16°29	17°42	21°56	n.a.	T 20
F 21	7 41 53	27° 5'18	11♎51	4°29	3°28	7° 3	11°46	20°19	3°40	7°54	23°12	16°30	17°39	22° 3	n.a.	F 21
S 22	7 45 49	28° 5'40	24°28	5°53	4°42	7°38	11°54	20°15	3°39	7°56	23°11	16°R31	17°36	22°10	n.a.	S 22
S 23	7 49 46	29° 6'02	6♏46	7°19	5°57	8°14	12° 1	20°11	3°38	7°58	23°11	16°31	17°33	22°16	n.a.	S 23
M24	7 53 42	0♒ 6'22	18°51	8°47	7°11	8°49	12° 8	20° 7	3°37	7°59	23°10	16°30	17°30	22°23	n.a.	M24
T 25	7 57 39	1° 6'40	0♐47	10°15	8°25	9°24	12°15	20° 2	3°36	8° 1	23°10	16°28	17°27	22°30	n.a.	T 25
W26	8 1 35	2° 6'57	12°38	11°44	9°40	10° 0	12°22	19°58	3°35	8° 2	23°10	16°26	17°23	22°36	n.a.	W26
T 27	8 5 32	3° 7'12	24°28	13°15	10°54	10°35	12°29	19°54	3°34	8° 4	23° 9	16°24	17°20	22°43	n.a.	T 27
F 28	8 9 29	4° 7'25	6♑19	14°46	12° 8	11°10	12°35	19°49	3°33	8° 5	23° 9	16°22	17°17	22°50	n.a.	F 28
S 29	8 13 25	5° 7'37	18°16	16°19	13°23	11°45	12°41	19°45	3°32	8° 7	23° 9	16°20	17°14	22°57	n.a.	S 29
S 30	8 17 22	6° 7'47	0♒19	17°53	14°37	12°20	12°48	19°40	3°31	8° 8	23° 9	16°19	17°11	23° 3	n.a.	S 30
M31	8 21 18	7♒ 7'54	12♒32	19♑28	15♑51	12♏55	12♏54	19♌36	3♊30	8♐10	23♉ 8	16°D19	17♒ 7	23♐10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s33	26s30	3s 8	20s26	2n 9	21s15	0n47	8s38	1n16	13s43	0n58	16n21	1n56	21n18	0n 3	20s34	1n14	11n31	7s35	15s59	15s24	27s44		n.a.
S 2	23 30	24 10	2 13	20 41	1 58	21 29	0 44	8 51	1 16	13 46	0 58	16 22	1 56	21 18	0 3	20 35	1 14	11 31	7 35	16 1	15 25	27 44		n.a.
M 3	23 26	20 46	1 11	20 57	1 48	21 42	0 42	9 5	1 15	13 49	0 58	16 23	1 56	21 17	0 3	20 35	1 14	11 31	7 35	16 2	15 26	27 44		n.a.
T 4	23 22	16 26	0 6	21 12	1 38	21 55	0 39	9 18	1 15	13 52	0 58	16 24	1 57	21 17	0 3	20 35	1 14	11 31	7 34	16 2	15 27	27 44		n.a.
W 5	23 17	11 23	1n 1	21 28	1 28	22 7	0 36	9 32	1 15	13 55	0 58	16 26	1 57	21 16	0 3	20 36	1 14	11 31	7 34	16 2	15 28	27 44		n.a.
T 6	23 12	5 49	2 6	21 44	1 18	22 19	0 34	9 45	1 14	13 58	0 58	16 27	1 57	21 16	0 3	20 36	1 14	11 31	7 34	16 1	15 29	27 44		n.a.
F 7	23 6	0n 6	3 6	22 0	1 8	22 30	0 31	9 59	1 14	14 1	0 58	16 28	1 57	21 16	0 3	20 36	1 14	11 31	7 34	16 1	15 30	27 44		n.a.
S 8	23 0	6 9	3 58	22 15	0 58	22 40	0 28	10 12	1 14	14 4	0 59	16 29	1 58	21 15	0 3	20 37	1 14	11 31	7 34	16 0	15 31	27 44		n.a.
S 9	22 53	12 6	4 39	22 30	0 48	22 49	0 25	10 25	1 13	14 6	0 59	16 30	1 58	21 15	0 3	20 37	1 14	11 31	7 33	16 0	15 32	27 44		n.a.
M10	22 46	17 37	5 5	22 45	0 38	22 58	0 22	10 38	1 13	14 9	0 59	16 32	1 58	21 15	0 3	20 37	1 14	11 31	7 33	16 1	15 33	27 44		n.a.
T 11	22 38	22 21	5 13	22 59	0 29	23 6	0 20	10 51	1 13	14 12	0 59	16 33	1 58	21 14	0 3	20 38	1 14	11 31	7 33	16 1	15 34	27 44		n.a.
W12	22 30	25 50	5 1	23 13	0 20	23 14	0 17	11 4	1 12	14 15	0 59	16 34	1 58	21 14	0 3	20 38	1 14	11 31	7 33	16 3	15 35	27 44		n.a.
T 13	22 22	27 36	4 29	23 25	0 11	23 20	0 14	11 17	1 12	14 17	0 59	16 36	1 59	21 14	0 3	20 38	1 15	11 31	7 33	16 4	15 36	27 44		n.a.
F 14	22 13	27 21	3 38	23 37	0 2	23 26	0 11	11 30	1 11	14 20	0 59	16 37	1 59	21 14	0 3	20 38	1 15	11 31	7 33	16 5	15 37	27 44		n.a.
S 15	22 4	25 3	2 31	23 48	0s 7	23 32	0 9	11 43	1 11	14 22	0 59	16 39	1 59	21 13	0 3	20 39	1 15	11 31	7 32	16 6	15 38	27 44		n.a.
S 16	21 54	21 2	1 15	23 58	0 15	23 36	0 6	11 55	1 11	14 25	0 59	16 40	1 59	21 13	0 3	20 39	1 15	11 31	7 32	16 6	15 39	27 44		n.a.
M17	21 44	15 45	0s 5	24 7	0 23	23 40	0 3	12 8	1 10	14 27	0 59	16 41	1 59	21 13	0 3	20 39	1 15	11 31	7 32	16 7	15 40	27 44		n.a.
T 18	21 34	9 44	1 23	24 15	0 31	23 44	0 0	12 21	1 10	14 30	0 59	16 43	2 0	21 12	0 3	20 39	1 15	11 31	7 32	16 6	15 41	27 44		n.a.
W19	21 23	3 26	2 33	24 22	0 39	23 46	0s 2	12 33	1 9	14 32	0 59	16 44	2 0	21 12	0 3	20 40	1 15	11 31	7 32	16 6	15 42	27 44		n.a.
T 20	21 12	2s48	3 33	24 28	0 46	23 48	0 5	12 45	1 9	14 34	0 59	16 46	2 0	21 12	0 3	20 40	1 15	11 31	7 31	16 6	15 43	27 44		n.a.
F 21	21 0	8 43	4 20	24 33	0 53	23 49	0 8	12 57	1 8	14 37	1 0	16 47	2 0	21 12	0 3	20 40	1 15	11 31	7 31	16 5	15 44	27 44		n.a.
S 22	20 48	14 7	4 53	24 36	1 0	23 49	0 10	13 10	1 8	14 39	1 0	16 49	2 0	21 12	0 3	20 40	1 15	11 31	7 31	16 5	15 45	27 44		n.a.
S 23	20 36	18 50	5 11	24 38	1 7	23 49	0 13	13 22	1 7	14 41	1 0	16 50	2 0	21 11	0 3	20 41	1 15	11 31	7 31	16 5	15 46	27 44		n.a.
M24	20 23	22 41	5 15	24 39	1 13	23 48	0 15	13 34	1 7	14 43	1 0	16 52	2 1	21 11	0 3	20 41	1 15	11 32	7 31	16 5	15 47	27 44		n.a.
T 25	20 10	25 33	5 6	24 39	1 19	23 46	0 18	13 45	1 6	14 45	1 0	16 53	2 1	21 11	0 3	20 41	1 15	11 32	7 30	16 6	15 48	27 44		n.a.
W26	19 56	27 17	4 43	24 37	1 25	23 43	0 21	13 57	1 6	14 47	1 0	16 55	2 1	21 11	0 3	20 41	1 15	11 32	7 30	16 6	15 49	27 44		n.a.
T 27	19 42	27 46	4 9	24 33	1 30	23 40	0 23	14 9	1 5	14 49	1 0	16 56	2 1	21 11	0 3	20 42	1 15	11 32	7 30	16 7	15 50	27 43		n.a.
F 28	19 28	26 58	3 24	24 29	1 35	23 36	0 25	14 21	1 5	14 51	1 0	16 58	2 1	21 10	0 3	20 42	1 15	11 32	7 30	16 8	15 51	27 43		n.a.
S 29	19 13	24 56	2 29	24 22	1 39	23 31	0 28	14 32	1 4	14 53	1 0	16 59	2 1	21 10	0 3	20 42	1 15	11 32	7 30	16 8	15 52	27 43		n.a.
S 30	18 58	21 45	1 27	24 14	1 44	23 26	0 30	14 43	1 3	14 55	1 0	17 1	2 1	21 10	0 3	20 42	1 15	11 32	7 29	16 8	15 53	27 43		n.a.
M31	18s43	17s35	0s21	24s 5	1s48	23s19	0s33	14s55	1n 3	14s57	1n 0	17n 3	2n 2	21n10	0n 3	20s42	1n15	11n32	7s29	16s 9	15s54	27s43		n.a.

Julian Day Number = 1604908.5, Delta T = 03h56m51s
Ecliptic obliquity = 23°44'08, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'34, Lahiri = - 8°21'33 Julian Calendar 1 Jan. 319 BCE == Greg. Calendar 27 Dec. 320 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

FEBRUARY 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 15	8♒ 8'00	24♒54	21♉ 3	17♉ 6	13♏30	13♏ 0	19°R31	3°R30	8♐11	23°R 8	16♒19	17♒ 4	23♐17	n.a.	T 1
W 2	8 29 11	9° 8'03	7♓27	22°40	18°20	14° 5	13° 5	19♌26	3♊29	8°12	23♉ 8	16°19	17° 1	23°23	n.a.	W 2
T 3	8 33 8	10° 8'04	20°14	24°18	19°34	14°40	13°11	19°22	3°28	8°14	23° 8	16°20	16°58	23°30	n.a.	T 3
F 4	8 37 4	11° 8'04	3♈14	25°58	20°49	15°14	13°16	19°17	3°28	8°15	23° 8	16°20	16°55	23°37	n.a.	F 4
S 5	8 41 1	12° 8'00	16°29	27°38	22° 3	15°49	13°22	19°13	3°27	8°16	23° 8	16°21	16°52	23°43	n.a.	S 5
S 6	8 44 58	13° 7'55	0♉ 0	29°19	23°17	16°23	13°27	19° 8	3°27	8°17	23° 7	16°21	16°48	23°50	n.a.	S 6
M 7	8 48 54	14° 7'47	13°48	1♒ 2	24°31	16°58	13°32	19° 3	3°26	8°18	23° 7	16°R21	16°45	23°57	n.a.	M 7
T 8	8 52 51	15° 7'37	27°53	2°45	25°46	17°32	13°37	18°58	3°26	8°20	23° 7	16°21	16°42	24° 4	n.a.	T 8
W 9	8 56 47	16° 7'25	12♊13	4°30	27° 0	18° 6	13°41	18°54	3°26	8°21	23° 7	16°D21	16°39	24°10	n.a.	W 9
T 10	9 0 44	17° 7'10	26°46	6°16	28°14	18°40	13°46	18°49	3°25	8°22	23°D 7	16°21	16°36	24°17	n.a.	T 10
F 11	9 4 40	18° 6'53	11♋26	8° 3	29°28	19°14	13°50	18°44	3°25	8°23	23° 7	16°21	16°33	24°24	n.a.	F 11
S 12	9 8 37	19° 6'33	26° 9	9°52	0♒43	19°48	13°54	18°40	3°25	8°24	23° 7	16°21	16°29	24°30	n.a.	S 12
S 13	9 12 33	20° 6'11	10♌48	11°41	1°57	20°22	13°58	18°35	3°25	8°25	23° 7	16°R22	16°26	24°37	n.a.	S 13
M14	9 16 30	21° 5'47	25°15	13°32	3°11	20°56	14° 2	18°30	3°D25	8°26	23° 8	16°22	16°23	24°44	n.a.	M14
T 15	9 20 27	22° 5'21	9♍27	15°24	4°25	21°29	14° 5	18°25	3°25	8°27	23° 8	16°21	16°20	24°50	n.a.	T 15
W16	9 24 23	23° 4'53	23°17	17°17	5°39	22° 3	14° 9	18°21	3°25	8°28	23° 8	16°21	16°17	24°57	n.a.	W16
T 17	9 28 20	24° 4'23	6♎44	19°11	6°54	22°36	14°12	18°16	3°25	8°29	23° 8	16°20	16°13	25° 4	n.a.	T 17
F 18	9 32 16	25° 3'50	19°48	21° 7	8° 8	23°10	14°15	18°11	3°25	8°30	23° 8	16°19	16°10	25°10	n.a.	F 18
S 19	9 36 13	26° 3'16	2♏30	23° 3	9°22	23°43	14°18	18° 7	3°26	8°30	23° 8	16°18	16° 7	25°17	n.a.	S 19
S 20	9 40 9	27° 2'40	14°53	25° 1	10°36	24°16	14°21	18° 2	3°26	8°31	23° 8	16°17	16° 4	25°24	n.a.	S 20
M21	9 44 6	28° 2'03	27° 1	27° 0	11°50	24°49	14°23	17°57	3°26	8°32	23° 9	16°D16	16° 1	25°31	n.a.	M21
T 22	9 48 2	29° 1'23	8♐58	29° 0	13° 4	25°22	14°25	17°53	3°27	8°33	23° 9	16°17	15°58	25°37	n.a.	T 22
W23	9 51 59	0♓ 0'42	20°50	1♓ 1	14°19	25°55	14°28	17°48	3°27	8°33	23° 9	16°18	15°54	25°44	n.a.	W23
T 24	9 55 55	0°59'58	2♉40	3° 2	15°33	26°28	14°30	17°44	3°28	8°34	23°10	16°19	15°51	25°51	n.a.	T 24
F 25	9 59 52	1°59'13	14°34	5° 4	16°47	27° 0	14°31	17°39	3°28	8°35	23°10	16°20	15°48	25°57	n.a.	F 25
S 26	10 3 49	2°58'25	26°35	7° 7	18° 1	27°32	14°33	17°35	3°29	8°35	23°10	16°21	15°45	26° 4	n.a.	S 26
S 27	10 7 45	3°57'36	8♒46	9°10	19°15	28° 5	14°34	17°30	3°29	8°36	23°11	16°22	15°42	26°11	n.a.	S 27
M28	10 11 42	4♓56'45	21♒10	11♓13	20♒29	28♏37	14♏36	17♌26	3♊30	8♐37	23♉11	16°R22	15♒39	26♐17	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s27	12s38	0n47	23s54	1s51	23s12	0s35	15s 6	1n 2	14s58	1n 1	17n 4	2n 2	21n10	0n 3	20s43	1n15	11n33	7s29	16s 9	15s55	27s43		n.a.
W 2	18 12	7 6	1 55	23 41	1 55	23 5	0 37	15 17	1 2	15 0	1 1	17 6	2 2	21 10	0 3	20 43	1 15	11 33	7 29	16 8	15 56	27 43		n.a.
T 3	17 55	1 12	2 57	23 27	1 57	22 57	0 40	15 28	1 1	15 2	1 1	17 7	2 2	21 10	0 3	20 43	1 15	11 33	7 28	16 8	15 57	27 42		n.a.
F 4	17 39	4n50	3 52	23 11	2 0	22 48	0 42	15 39	1 0	15 3	1 1	17 9	2 2	21 9	0 3	20 43	1 15	11 33	7 28	16 8	15 58	27 42		n.a.
S 5	17 22	10 47	4 35	22 53	2 2	22 38	0 44	15 50	1 0	15 5	1 1	17 11	2 2	21 9	0 3	20 43	1 15	11 33	7 28	16 8	15 59	27 42		n.a.
S 6	17 5	16 21	5 5	22 34	2 4	22 27	0 46	16 0	0 59	15 6	1 1	17 12	2 2	21 9	0 3	20 44	1 15	11 33	7 28	16 8	16 0	27 42		n.a.
M 7	16 48	21 12	5 17	22 12	2 5	22 16	0 48	16 11	0 58	15 7	1 1	17 14	2 2	21 9	0 3	20 44	1 15	11 34	7 28	16 8	16 1	27 42		n.a.
T 8	16 30	24 58	5 11	21 49	2 6	22 5	0 50	16 21	0 57	15 9	1 1	17 15	2 2	21 9	0 3	20 44	1 15	11 34	7 27	16 8	16 1	27 41		n.a.
W 9	16 12	27 15	4 46	21 25	2 6	21 52	0 52	16 32	0 57	15 10	1 1	17 17	2 2	21 9	0 3	20 44	1 15	11 34	7 27	16 8	16 2	27 41		n.a.
T 10	15 54	27 44	4 2	20 58	2 6	21 39	0 54	16 42	0 56	15 11	1 1	17 18	2 3	21 9	0 3	20 44	1 15	11 34	7 27	16 8	16 3	27 41		n.a.
F 11	15 35	26 15	3 2	20 30	2 6	21 26	0 56	16 52	0 55	15 13	1 2	17 20	2 3	21 9	0 3	20 44	1 15	11 34	7 27	16 8	16 4	27 41		n.a.
S 12	15 17	22 59	1 50	20 0	2 5	21 12	0 58	17 2	0 54	15 14	1 2	17 22	2 3	21 9	0 3	20 44	1 15	11 35	7 27	16 8	16 5	27 40		n.a.
S 13	14 58	18 14	0 31	19 28	2 3	20 57	1 0	17 12	0 54	15 15	1 2	17 23	2 3	21 9	0 3	20 45	1 15	11 35	7 26	16 8	16 6	27 40		n.a.
M14	14 39	12 29	0s49	18 54	2 1	20 41	1 2	17 22	0 53	15 16	1 2	17 25	2 3	21 9	0 3	20 45	1 15	11 35	7 26	16 8	16 7	27 40		n.a.
T 15	14 19	6 12	2 5	18 18	1 58	20 25	1 3	17 32	0 52	15 17	1 2	17 26	2 3	21 9	0 3	20 45	1 15	11 35	7 26	16 8	16 8	27 40		n.a.
W16	14 0	0s13	3 11	17 41	1 55	20 8	1 5	17 41	0 51	15 18	1 2	17 28	2 3	21 9	0 3	20 45	1 15	11 36	7 26	16 8	16 9	27 39		n.a.
T 17	13 40	6 26	4 4	17 1	1 52	19 51	1 7	17 51	0 50	15 19	1 2	17 29	2 3	21 9	0 3	20 45	1 15	11 36	7 25	16 8	16 10	27 39		n.a.
F 18	13 20	12 12	4 44	16 20	1 48	19 33	1 8	18 0	0 49	15 19	1 2	17 31	2 3	21 9	0 3	20 45	1 15	11 36	7 25	16 9	16 11	27 39		n.a.
S 19	12 59	17 18	5 8	15 37	1 43	19 15	1 10	18 9	0 48	15 20	1 2	17 32	2 3	21 9	0 3	20 45	1 15	11 36	7 25	16 9	16 12	27 38		n.a.
S 20	12 39	21 32	5 17	14 52	1 38	18 56	1 11	18 19	0 47	15 21	1 2	17 34	2 3	21 9	0 3	20 45	1 15	11 37	7 25	16 9	16 13	27 38		n.a.
M21	12 18	24 46	5 11	14 6	1 32	18 37	1 13	18 28	0 46	15 21	1 3	17 35	2 3	21 9	0 3	20 45	1 16	11 37	7 25	16 9	16 14	27 38		n.a.
T 22	11 57	26 53	4 52	13 18	1 25	18 17	1 14	18 37	0 45	15 22	1 3	17 37	2 3	21 9	0 3	20 45	1 16	11 37	7 24	16 9	16 15	27 38		n.a.
W23	11 36	27 45	4 21	12 28	1 18	17 56	1 15	18 45	0 44	15 23	1 3	17 38	2 3	21 9	0 3	20 46	1 16	11 37	7 24	16 9	16 16	27 37		n.a.
T 24	11 15	27 21	3 39	11 37	1 11	17 35	1 16	18 54	0 43	15 23	1 3	17 40	2 3	21 10	0 3	20 46	1 16	11 38	7 24	16 9	16 17	27 37		n.a.
F 25	10 54	25 42	2 47	10 44	1 3	17 14	1 17	19 3	0 42	15 24	1 3	17 41	2 3	21 10	0 3	20 46	1 16	11 38	7 24	16 8	16 18	27 36		n.a.
S 26	10 32	22 51	1 47	9 50	0 54	16 52	1 18	19 11	0 41	15 24	1 3	17 43	2 3	21 10	0 3	20 46	1 16	11 38	7 24	16 8	16 19	27 36		n.a.
S 27	10 11	18 58	0 42	8 55	0 45	16 29	1 19	19 20	0 40	15 24	1 3	17 44	2 3	21 10	0 3	20 46	1 16	11 39	7 23	16 7	16 20	27 36		n.a.
M28	9s49	14s12	0n26	7s59	0s35	16s 6	1s20	19s28	0n39	15s25	1n 3	17n45	2n 3	21n10	0n 3	20s46	1n16	11n39	7s23	16s 7	16s21	27s35		n.a.

Julian Day Number = 1604939.5, Delta T = 03h56m50s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'29, Lahiri = - 8°21'29 Julian Calendar 1 Feb. 319 BCE == Greg. Calendar 27 Jan. 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

MARCH 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 15 38	5♓55'51	3♓49	13♓16	21♒43	29♏ 9	14♏37	17°R22	3♊31	8♐37	23♉11	16°R22	15♒35	26♐24	n.a.	T 1
W 2	10 19 35	6°54'55	16°43	15°18	22°57	29°41	14°38	17♌17	3°32	8°37	23°12	16♒20	15°32	26°31	n.a.	W 2
T 3	10 23 31	7°53'57	29°53	17°20	24°11	0♐12	14°38	17°13	3°33	8°38	23°12	16°17	15°29	26°37	n.a.	T 3
F 4	10 27 28	8°52'57	13♈17	19°20	25°26	0°44	14°39	17° 9	3°33	8°38	23°13	16°14	15°26	26°44	n.a.	F 4
S 5	10 31 24	9°51'55	26°53	21°19	26°40	1°15	14°39	17° 4	3°34	8°39	23°13	16°10	15°23	26°51	n.a.	S 5
S 6	10 35 21	10°50'50	10♉41	23°16	27°54	1°46	14°R39	17° 0	3°35	8°39	23°14	16° 7	15°19	26°58	n.a.	S 6
M 7	10 39 18	11°49'43	24°38	25°11	29° 8	2°17	14°39	16°56	3°37	8°39	23°14	16° 5	15°16	27° 4	n.a.	M 7
T 8	10 43 14	12°48'33	8♊43	27° 4	0♓22	2°48	14°39	16°52	3°38	8°40	23°15	16°D 4	15°13	27°11	n.a.	T 8
W 9	10 47 11	13°47'22	22°54	28°53	1°36	3°19	14°38	16°48	3°39	8°40	23°16	16° 4	15°10	27°18	n.a.	W 9
T 10	10 51 7	14°46'07	7♋ 8	0♈39	2°50	3°50	14°38	16°44	3°40	8°40	23°16	16° 5	15° 7	27°24	n.a.	T 10
F 11	10 55 4	15°44'51	21°24	2°22	4° 4	4°20	14°37	16°41	3°41	8°40	23°17	16° 7	15° 4	27°31	n.a.	F 11
S 12	10 59 0	16°43'32	5♌39	4° 0	5°18	4°50	14°36	16°37	3°43	8°40	23°17	16° 8	15° 0	27°38	n.a.	S 12
S 13	11 2 57	17°42'10	19°50	5°35	6°32	5°20	14°35	16°33	3°44	8°40	23°18	16°R 8	14°57	27°44	n.a.	S 13
M14	11 6 53	18°40'47	3♍53	7° 5	7°46	5°50	14°33	16°30	3°46	8°41	23°19	16° 7	14°54	27°51	n.a.	M14
T 15	11 10 50	19°39'21	17°44	8°30	9° 0	6°20	14°32	16°26	3°47	8°41	23°20	16° 4	14°51	27°58	n.a.	T 15
W16	11 14 46	20°37'53	1♎21	9°50	10°14	6°49	14°30	16°22	3°49	8°R41	23°20	16° 0	14°48	28° 4	n.a.	W16
T 17	11 18 43	21°36'23	14°40	11° 6	11°28	7°18	14°28	16°19	3°50	8°41	23°21	15°54	14°44	28°11	n.a.	T 17
F 18	11 22 40	22°34'52	27°40	12°16	12°42	7°47	14°26	16°16	3°52	8°41	23°22	15°48	14°41	28°18	n.a.	F 18
S 19	11 26 36	23°33'18	10♏21	13°21	13°56	8°16	14°23	16°12	3°53	8°40	23°23	15°42	14°38	28°24	n.a.	S 19
S 20	11 30 33	24°31'43	22°45	14°21	15°10	8°45	14°21	16° 9	3°55	8°40	23°23	15°37	14°35	28°31	n.a.	S 20
M21	11 34 29	25°30'06	4♐54	15°15	16°23	9°13	14°18	16° 6	3°57	8°40	23°24	15°33	14°32	28°38	n.a.	M21
T 22	11 38 26	26°28'27	16°52	16° 3	17°37	9°41	14°15	16° 3	3°59	8°40	23°25	15°31	14°29	28°45	n.a.	T 22
W23	11 42 22	27°26'47	28°44	16°46	18°51	10° 9	14°12	16° 0	4° 0	8°40	23°26	15°D30	14°25	28°51	n.a.	W23
T 24	11 46 19	28°25'05	10♑35	17°24	20° 5	10°37	14° 9	15°57	4° 2	8°39	23°27	15°31	14°22	28°58	n.a.	T 24
F 25	11 50 15	29°23'22	22°30	17°55	21°19	11° 4	14° 6	15°54	4° 4	8°39	23°28	15°33	14°19	29° 5	n.a.	F 25
S 26	11 54 12	0♈21'36	4♒33	18°21	22°33	11°31	14° 2	15°52	4° 6	8°39	23°29	15°34	14°16	29°11	n.a.	S 26
S 27	11 58 9	1°19'49	16°49	18°41	23°47	11°58	13°58	15°49	4° 8	8°39	23°29	15°R35	14°13	29°18	n.a.	S 27
M28	12 2 5	2°18'01	29°23	18°55	25° 1	12°25	13°55	15°47	4°10	8°38	23°30	15°33	14°10	29°25	n.a.	M28
T 29	12 6 2	3°16'10	12♓15	19° 4	26°15	12°51	13°51	15°44	4°12	8°38	23°31	15°30	14° 6	29°31	n.a.	T 29
W30	12 9 58	4°14'18	25°28	19°R 7	27°29	13°17	13°46	15°42	4°15	8°37	23°32	15°25	14° 3	29°38	n.a.	W30
T 31	12 13 55	5♈12'24	9♈ 1	19♈ 5	28♓42	13♐43	13♏42	15♌40	4♊17	8♐37	23♉33	15♒18	14♒ 0	29♐45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9s27	8s46	1n35	7s 2	0s25	15s43	1s21	19s36	0n38	15s25	1n 3	17n47	2n 3	21n10	0n 3	20s46	1n16	11n39	7s23	16s 8	16s22	27s35			n.a.
W 2	9 5	2 52	2 40	6 5	0 14	15 19	1 22	19 44	0 37	15 25	1 3	17 48	2 3	21 10	0 3	20 46	1 16	11 40	7 23	16 8	16 23	27 35			n.a.
T 3	8 43	3n16	3 37	5 7	0 3	14 55	1 23	19 52	0 35	15 25	1 4	17 49	2 3	21 11	0 3	20 46	1 16	11 40	7 22	16 9	16 24	27 34			n.a.
F 4	8 20	9 21	4 24	4 9	0n 8	14 31	1 24	20 0	0 34	15 25	1 4	17 51	2 3	21 11	0 3	20 46	1 16	11 40	7 22	16 10	16 25	27 34			n.a.
S 5	7 58	15 5	4 56	3 11	0 19	14 6	1 24	20 8	0 33	15 25	1 4	17 52	2 3	21 11	0 3	20 46	1 16	11 40	7 22	16 11	16 25	27 33			n.a.
S 6	7 35	20 9	5 13	2 14	0 31	13 41	1 25	20 15	0 32	15 25	1 4	17 53	2 3	21 11	0 3	20 46	1 16	11 41	7 22	16 12	16 26	27 33			n.a.
M 7	7 13	24 10	5 10	1 17	0 43	13 15	1 25	20 23	0 30	15 25	1 4	17 54	2 3	21 11	0 3	20 46	1 16	11 41	7 22	16 13	16 27	27 33			n.a.
T 8	6 50	26 48	4 50	0 21	0 55	12 49	1 26	20 30	0 29	15 25	1 4	17 56	2 3	21 12	0 3	20 46	1 16	11 41	7 21	16 13	16 28	27 32			n.a.
W 9	6 27	27 44	4 12	0n34	1 7	12 23	1 26	20 38	0 28	15 24	1 4	17 57	2 3	21 12	0 3	20 46	1 16	11 42	7 21	16 13	16 29	27 32			n.a.
T 10	6 4	26 50	3 18	1 27	1 18	11 56	1 26	20 45	0 26	15 24	1 4	17 58	2 3	21 12	0 3	20 46	1 16	11 42	7 21	16 13	16 30	27 31			n.a.
F 11	5 41	24 10	2 11	2 19	1 30	11 29	1 27	20 52	0 25	15 24	1 4	17 59	2 3	21 12	0 3	20 46	1 16	11 43	7 21	16 12	16 31	27 31			n.a.
S 12	5 18	20 1	0 57	3 9	1 41	11 2	1 27	20 59	0 23	15 23	1 4	18 0	2 3	21 13	0 3	20 46	1 16	11 43	7 21	16 12	16 32	27 30			n.a.
S 13	4 55	14 44	0s20	3 57	1 52	10 34	1 27	21 6	0 22	15 23	1 4	18 1	2 3	21 13	0 3	20 46	1 16	11 43	7 20	16 12	16 33	27 30			n.a.
M14	4 32	8 43	1 36	4 42	2 2	10 6	1 27	21 13	0 20	15 23	1 5	18 2	2 3	21 13	0 3	20 46	1 16	11 44	7 20	16 12	16 34	27 29			n.a.
T 15	4 9	2 23	2 44	5 25	2 12	9 38	1 27	21 19	0 19	15 22	1 5	18 3	2 3	21 13	0 3	20 46	1 16	11 44	7 20	16 13	16 35	27 29			n.a.
W16	3 45	3s56	3 42	6 6	2 21	9 10	1 27	21 26	0 17	15 21	1 5	18 4	2 3	21 14	0 3	20 46	1 16	11 44	7 20	16 14	16 36	27 28			n.a.
T 17	3 22	9 55	4 26	6 44	2 29	8 41	1 27	21 33	0 16	15 21	1 5	18 5	2 3	21 14	0 3	20 46	1 16	11 45	7 20	16 16	16 37	27 28			n.a.
F 18	2 59	15 21	4 55	7 18	2 37	8 12	1 27	21 39	0 14	15 20	1 5	18 6	2 3	21 14	0 3	20 46	1 16	11 45	7 19	16 18	16 38	27 27			n.a.
S 19	2 35	19 59	5 9	7 51	2 44	7 43	1 26	21 45	0 12	15 19	1 5	18 7	2 3	21 15	0 3	20 46	1 16	11 45	7 19	16 20	16 39	27 27			n.a.
S 20	2 12	23 39	5 8	8 20	2 50	7 14	1 26	21 52	0 11	15 18	1 5	18 8	2 3	21 15	0 3	20 46	1 16	11 46	7 19	16 21	16 40	27 26			n.a.
M21	1 49	26 11	4 53	8 45	2 55	6 45	1 26	21 58	0 9	15 18	1 5	18 9	2 2	21 15	0 3	20 46	1 16	11 46	7 19	16 22	16 41	27 26			n.a.
T 22	1 25	27 29	4 25	9 8	2 59	6 15	1 25	22 4	0 7	15 17	1 5	18 10	2 2	21 16	0 3	20 46	1 16	11 47	7 19	16 23	16 41	27 25			n.a.
W23	1 2	27 30	3 47	9 28	3 2	5 45	1 25	22 10	0 5	15 16	1 5	18 11	2 2	21 16	0 3	20 46	1 17	11 47	7 19	16 23	16 42	27 25			n.a.
T 24	0 38	26 16	2 58	9 44	3 4	5 15	1 24	22 16	0 3	15 15	1 5	18 12	2 2	21 16	0 3	20 46	1 17	11 47	7 18	16 23	16 43	27 24			n.a.
F 25	0 15	23 50	2 2	9 57	3 5	4 45	1 23	22 21	0 2	15 14	1 5	18 12	2 2	21 17	0 3	20 45	1 17	11 48	7 18	16 22	16 44	27 23			n.a.
S 26	0n 9	20 19	0 59	10 7	3 5	4 15	1 23	22 27	0s 0	15 13	1 5	18 13	2 2	21 17	0 3	20 45	1 17	11 48	7 18	16 22	16 45	27 23			n.a.
S 27	0 32	15 53	0n 7	10 13	3 3	3 45	1 22	22 33	0 2	15 11	1 5	18 14	2 2	21 18	0 3	20 45	1 17	11 49	7 18	16 22	16 46	27 22			n.a.
M28	0 56	10 41	1 14	10 16	3 0	3 15	1 21	22 38	0 4	15 10	1 5	18 14	2 2	21 18	0 3	20 45	1 17	11 49	7 18	16 22	16 47	27 22			n.a.
T 29	1 19	4 55	2 19	10 16	2 56	2 44	1 20	22 44	0 6	15 9	1 6	18 15	2 2	21 18	0 3	20 45	1 17	11 49	7 17	16 23	16 48	27 21			n.a.
W30	1 42	1n12	3 18	10 12	2 51	2 13	1 19	22 49	0 8	15 8	1 6	18 16	2 2	21 19	0 3	20 45	1 17	11 50	7 17	16 25	16 49	27 20			n.a.
T 31	2n 6	7n24	4n 7	10n 6	2n45	1s43	1s18	22s54	0s11	15s 6	1n 6	18n16	2n 2	21n19	0n 3	20s45	1n17	11n50	7s17	16s27	16s50	27s20			n.a.

Julian Day Number = 1604967.5, Delta T = 03h56m49s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'26, Lahiri = - 8°21'25 Julian Calendar 1 March 319 BCE == Greg. Calendar 24 Feb. 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

APRIL 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 17 51	6♈10'29	22♈52	18°R57	29♓56	14♐ 8	13°R37	15°R37	4♊19	8°R36	23♉34	15°R10	13♒57	29♐51	n.a.	F 1
S 2	12 21 48	7° 8'31	6♉56	18♈45	1♈10	14°33	13♏33	15♌35	4°21	8♐36	23°35	15♒ 2	13°54	29°58	n.a.	S 2
S 3	12 25 44	8° 6'32	21° 9	18°28	2°24	14°58	13°28	15°33	4°24	8°35	23°36	14°54	13°50	0♑ 5	n.a.	S 3
M 4	12 29 41	9° 4'31	5♊26	18° 7	3°38	15°23	13°23	15°31	4°26	8°35	23°37	14°48	13°47	0°11	n.a.	M 4
T 5	12 33 38	10° 2'28	19°42	17°42	4°52	15°47	13°18	15°30	4°28	8°34	23°39	14°44	13°44	0°18	n.a.	T 5
W 6	12 37 34	11° 0'23	3♋56	17°14	6° 6	16°11	13°12	15°28	4°31	8°33	23°40	14°43	13°41	0°25	n.a.	W 6
T 7	12 41 31	11°58'16	18° 4	16°43	7°19	16°34	13° 7	15°26	4°33	8°33	23°41	14°D43	13°38	0°31	n.a.	T 7
F 8	12 45 27	12°56'07	2♌ 5	16° 9	8°33	16°57	13° 1	15°25	4°36	8°32	23°42	14°43	13°35	0°38	n.a.	F 8
S 9	12 49 24	13°53'56	15°59	15°34	9°47	17°20	12°56	15°24	4°38	8°31	23°43	14°R44	13°31	0°45	n.a.	S 9
S 10	12 53 20	14°51'44	29°45	14°58	11° 1	17°42	12°50	15°22	4°41	8°30	23°44	14°43	13°28	0°51	n.a.	S 10
M11	12 57 17	15°49'29	13♍22	14°21	12°14	18° 4	12°44	15°21	4°43	8°30	23°45	14°40	13°25	0°58	n.a.	M11
T 12	13 1 13	16°47'13	26°49	13°45	13°28	18°26	12°38	15°20	4°46	8°29	23°46	14°34	13°22	1° 5	n.a.	T 12
W13	13 5 10	17°44'55	10♎ 4	13°10	14°42	18°47	12°32	15°19	4°49	8°28	23°48	14°26	13°19	1°12	n.a.	W13
T 14	13 9 6	18°42'35	23° 6	12°36	15°56	19° 8	12°25	15°18	4°51	8°27	23°49	14°15	13°15	1°18	n.a.	T 14
F 15	13 13 3	19°40'14	5♏54	12° 5	17° 9	19°29	12°19	15°17	4°54	8°26	23°50	14° 4	13°12	1°25	n.a.	F 15
S 16	13 17 0	20°37'52	18°27	11°35	18°23	19°49	12°12	15°17	4°57	8°25	23°51	13°53	13° 9	1°32	n.a.	S 16
S 17	13 20 56	21°35'29	0♐45	11° 9	19°37	20° 8	12° 6	15°16	5° 0	8°24	23°52	13°43	13° 6	1°38	n.a.	S 17
M18	13 24 53	22°33'05	12°52	10°46	20°51	20°27	11°59	15°15	5° 3	8°23	23°54	13°34	13° 3	1°45	n.a.	M18
T 19	13 28 49	23°30'39	24°48	10°27	22° 4	20°46	11°52	15°15	5° 6	8°22	23°55	13°28	13° 0	1°52	n.a.	T 19
W20	13 32 46	24°28'12	6♑40	10°12	23°18	21° 4	11°45	15°15	5° 8	8°21	23°56	13°25	12°56	1°58	n.a.	W20
T 21	13 36 42	25°25'44	18°29	10° 2	24°32	21°22	11°38	15°15	5°11	8°20	23°57	13°23	12°53	2° 5	n.a.	T 21
F 22	13 40 39	26°23'16	0♒23	9°55	25°46	21°39	11°31	15°D15	5°14	8°19	23°59	13°D23	12°50	2°12	n.a.	F 22
S 23	13 44 35	27°20'46	12°26	9°D53	26°59	21°56	11°24	15°15	5°17	8°18	24° 0	13°R23	12°47	2°18	n.a.	S 23
S 24	13 48 32	28°18'15	24°44	9°56	28°13	22°12	11°17	15°15	5°20	8°17	24° 1	13°23	12°44	2°25	n.a.	S 24
M25	13 52 29	29°15'43	7♓21	10° 3	29°27	22°28	11°10	15°15	5°23	8°16	24° 3	13°21	12°41	2°32	n.a.	M25
T 26	13 56 25	0♉13'10	20°21	10°14	0♉40	22°43	11° 2	15°15	5°26	8°15	24° 4	13°16	12°37	2°38	n.a.	T 26
W27	14 0 22	1°10'37	3♈46	10°30	1°54	22°57	10°55	15°16	5°30	8°14	24° 5	13° 9	12°34	2°45	n.a.	W27
T 28	14 4 18	2° 8'02	17°36	10°51	3° 8	23°11	10°48	15°16	5°33	8°12	24° 7	13° 0	12°31	2°52	n.a.	T 28
F 29	14 8 15	3° 5'26	1♉48	11°15	4°22	23°25	10°40	15°17	5°36	8°11	24° 8	12°49	12°28	2°58	n.a.	F 29
S 30	14 12 11	4♉ 2'50	16♉18	11♈44	5♉35	23♐38	10♏33	15♌17	5♊39	8♐10	24♉ 9	12♒38	12♒25	3♑ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n29	13n22	4n43	9n55	2n37	1s12	1s17	22s59	0s13	15s 5	1n 6	18n17	2n 1	21n20	0n 3	20s45	1n17	11n51	7s17	16s29	16s51	27s19		n.a.
S 2	2 52	18 45	5 3	9 42	2 28	0 41	1 16	23 5	0 15	15 3	1 6	18 17	2 1	21 20	0 3	20 45	1 17	11 51	7 17	16 32	16 52	27 19		n.a.
S 3	3 15	23 9	5 4	9 26	2 17	0 11	1 15	23 10	0 17	15 2	1 6	18 18	2 1	21 20	0 3	20 45	1 17	11 51	7 17	16 34	16 53	27 18		n.a.
M 4	3 38	26 10	4 47	9 7	2 6	0n20	1 14	23 15	0 20	15 0	1 6	18 18	2 1	21 21	0 3	20 44	1 17	11 52	7 16	16 36	16 54	27 17		n.a.
T 5	4 1	27 30	4 11	8 46	1 53	0 51	1 12	23 20	0 22	14 59	1 6	18 19	2 1	21 21	0 4	20 44	1 17	11 52	7 16	16 37	16 54	27 17		n.a.
W 6	4 24	27 1	3 20	8 22	1 39	1 22	1 11	23 25	0 24	14 57	1 6	18 19	2 1	21 22	0 4	20 44	1 17	11 53	7 16	16 37	16 55	27 16		n.a.
T 7	4 47	24 46	2 18	7 57	1 25	1 53	1 10	23 29	0 27	14 56	1 6	18 20	2 1	21 22	0 4	20 44	1 17	11 53	7 16	16 37	16 56	27 15		n.a.
F 8	5 10	21 2	1 7	7 30	1 9	2 23	1 8	23 34	0 29	14 54	1 6	18 20	2 1	21 23	0 4	20 44	1 17	11 53	7 16	16 37	16 57	27 15		n.a.
S 9	5 33	16 8	0s 7	7 1	0 53	2 54	1 7	23 39	0 32	14 52	1 6	18 20	2 1	21 23	0 4	20 44	1 17	11 54	7 16	16 37	16 58	27 14		n.a.
S 10	5 56	10 28	1 19	6 32	0 37	3 25	1 5	23 44	0 34	14 50	1 6	18 20	2 0	21 24	0 4	20 44	1 17	11 54	7 16	16 37	16 59	27 13		n.a.
M11	6 18	4 22	2 27	6 2	0 20	3 55	1 4	23 48	0 37	14 48	1 6	18 21	2 0	21 24	0 4	20 44	1 17	11 55	7 15	16 38	17 0	27 13		n.a.
T 12	6 41	1s51	3 25	5 32	0 3	4 26	1 2	23 53	0 40	14 47	1 6	18 21	2 0	21 25	0 4	20 43	1 17	11 55	7 15	16 40	17 1	27 12		n.a.
W13	7 3	7 52	4 11	5 3	0s14	4 56	1 0	23 57	0 42	14 45	1 6	18 21	2 0	21 25	0 4	20 43	1 17	11 56	7 15	16 42	17 2	27 11		n.a.
T 14	7 25	13 27	4 43	4 34	0 31	5 26	0 59	24 2	0 45	14 43	1 6	18 21	2 0	21 26	0 4	20 43	1 17	11 56	7 15	16 45	17 3	27 10		n.a.
F 15	7 47	18 21	5 0	4 6	0 48	5 57	0 57	24 6	0 48	14 41	1 6	18 21	2 0	21 26	0 4	20 43	1 17	11 56	7 15	16 49	17 4	27 10		n.a.
S 16	8 9	22 21	5 2	3 39	1 4	6 27	0 55	24 11	0 51	14 39	1 6	18 21	2 0	21 27	0 4	20 43	1 17	11 57	7 15	16 52	17 5	27 9		n.a.
S 17	8 31	25 17	4 50	3 15	1 20	6 57	0 53	24 15	0 54	14 37	1 6	18 21	2 0	21 27	0 4	20 43	1 17	11 57	7 15	16 55	17 6	27 8		n.a.
M18	8 53	27 0	4 24	2 52	1 35	7 27	0 51	24 20	0 57	14 35	1 6	18 21	1 59	21 28	0 4	20 42	1 17	11 58	7 14	16 57	17 6	27 7		n.a.
T 19	9 14	27 26	3 48	2 31	1 49	7 56	0 49	24 24	1 0	14 33	1 6	18 21	1 59	21 28	0 4	20 42	1 17	11 58	7 14	16 59	17 7	27 7		n.a.
W20	9 36	26 36	3 2	2 13	2 3	8 26	0 48	24 28	1 3	14 31	1 6	18 21	1 59	21 29	0 4	20 42	1 17	11 59	7 14	17 0	17 8	27 6		n.a.
T 21	9 57	24 33	2 8	1 57	2 15	8 55	0 46	24 33	1 6	14 28	1 6	18 21	1 59	21 29	0 4	20 42	1 17	11 59	7 14	17 1	17 9	27 5		n.a.
F 22	10 18	21 26	1 9	1 44	2 27	9 24	0 44	24 37	1 9	14 26	1 6	18 21	1 59	21 30	0 4	20 42	1 17	11 59	7 14	17 1	17 10	27 4		n.a.
S 23	10 39	17 22	0 5	1 33	2 37	9 53	0 41	24 41	1 12	14 24	1 5	18 21	1 59	21 30	0 4	20 41	1 17	12 0	7 14	17 1	17 11	27 4		n.a.
S 24	11 0	12 30	1n 0	1 26	2 47	10 22	0 39	24 46	1 16	14 22	1 5	18 21	1 59	21 31	0 4	20 41	1 17	12 0	7 14	17 1	17 12	27 3		n.a.
M25	11 21	7 1	2 3	1 21	2 55	10 50	0 37	24 50	1 19	14 20	1 5	18 21	1 58	21 32	0 4	20 41	1 17	12 1	7 14	17 1	17 13	27 2		n.a.
T 26	11 41	1 5	3 3	1 18	3 3	11 18	0 35	24 54	1 23	14 18	1 5	18 21	1 58	21 32	0 4	20 41	1 17	12 1	7 13	17 3	17 14	27 1		n.a.
W27	12 2	5n 5	3 53	1 19	3 9	11 46	0 33	24 59	1 26	14 15	1 5	18 20	1 58	21 33	0 4	20 41	1 17	12 1	7 13	17 5	17 15	27 0		n.a.
T 28	12 22	11 10	4 32	1 22	3 15	12 14	0 31	25 3	1 30	14 13	1 5	18 20	1 58	21 33	0 4	20 40	1 17	12 2	7 13	17 7	17 16	27 0		n.a.
F 29	12 42	16 51	4 55	1 27	3 20	12 41	0 29	25 7	1 33	14 11	1 5	18 20	1 58	21 34	0 4	20 40	1 17	12 2	7 13	17 10	17 16	26 59		n.a.
S 30	13n 1	21n42	5n 0	1n35	3s23	13n 8	0s26	25s11	1s37	14s 8	1n 5	18n19	1n58	21n34	0n 4	20s40	1n17	12n 3	7s13	17s14	17s17	26s58		n.a.

Julian Day Number = 1604998.5, Delta T = 03h56m48s
Ecliptic obliquity = 23°44'09, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'21, Lahiri = - 8°21'21 Julian Calendar 1 Apr. 319 BCE == Greg. Calendar 27 March 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

MAY 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 8	5♉ 0'12	0♊57	12♈18	6♉49	23♐50	10°R25	15♌18	5♊42	8°R 9	24♉11	12°R27	12♒21	3♋12	n.a.	S 1
M 2	14 20 4	5°57'34	15°38	12°55	8° 3	24° 1	10♏17	15°19	5°45	8♐ 7	24°12	12♒19	12°18	3°18	n.a.	M 2
T 3	14 24 1	6°54'54	0♋15	13°36	9°16	24°12	10°10	15°20	5°49	8° 6	24°13	12°13	12°15	3°25	n.a.	T 3
W 4	14 27 58	7°52'13	14°42	14°21	10°30	24°23	10° 2	15°21	5°52	8° 5	24°15	12° 9	12°12	3°32	n.a.	W 4
T 5	14 31 54	8°49'31	28°55	15°10	11°44	24°32	9°55	15°23	5°55	8° 3	24°16	12° 8	12° 9	3°38	n.a.	T 5
F 6	14 35 51	9°46'48	12♌54	16° 2	12°57	24°41	9°47	15°24	5°59	8° 2	24°18	12° 8	12° 6	3°45	n.a.	F 6
S 7	14 39 47	10°44'03	26°38	16°58	14°11	24°50	9°39	15°25	6° 2	8° 1	24°19	12° 8	12° 2	3°52	n.a.	S 7
S 8	14 43 44	11°41'17	10♍ 8	17°58	15°25	24°58	9°32	15°27	6° 5	7°59	24°20	12° 6	11°59	3°58	n.a.	S 8
M 9	14 47 40	12°38'31	23°25	19° 1	16°38	25° 5	9°24	15°29	6° 9	7°58	24°22	12° 2	11°56	4° 5	n.a.	M 9
T 10	14 51 37	13°35'43	6♎31	20° 7	17°52	25°11	9°16	15°30	6°12	7°56	24°23	11°55	11°53	4°12	n.a.	T 10
W11	14 55 34	14°32'55	19°25	21°17	19° 6	25°17	9° 9	15°32	6°15	7°55	24°25	11°45	11°50	4°19	n.a.	W11
T 12	14 59 30	15°30'05	2♏ 7	22°30	20°19	25°22	9° 1	15°34	6°19	7°53	24°26	11°34	11°47	4°25	n.a.	T 12
F 13	15 3 27	16°27'16	14°39	23°46	21°33	25°26	8°54	15°36	6°22	7°52	24°27	11°21	11°43	4°32	n.a.	F 13
S 14	15 7 23	17°24'25	26°59	25° 5	22°47	25°30	8°46	15°38	6°26	7°50	24°29	11° 8	11°40	4°39	n.a.	S 14
S 15	15 11 20	18°21'34	9♐ 8	26°28	24° 0	25°32	8°39	15°41	6°29	7°49	24°30	10°56	11°37	4°45	n.a.	S 15
M16	15 15 16	19°18'43	21° 9	27°53	25°14	25°34	8°31	15°43	6°33	7°47	24°32	10°45	11°34	4°52	n.a.	M16
T 17	15 19 13	20°15'51	3♋ 2	29°22	26°27	25°36	8°24	15°45	6°36	7°46	24°33	10°38	11°31	4°59	n.a.	T 17
W18	15 23 9	21°12'59	14°51	0♉54	27°41	25°R36	8°17	15°48	6°40	7°44	24°35	10°33	11°27	5° 5	n.a.	W18
T 19	15 27 6	22°10'07	26°39	2°28	28°55	25°36	8° 9	15°50	6°43	7°43	24°36	10°31	11°24	5°12	n.a.	T 19
F 20	15 31 3	23° 7'15	8♒32	4° 6	0♊ 8	25°35	8° 2	15°53	6°47	7°41	24°37	10°D30	11°21	5°19	n.a.	F 20
S 21	15 34 59	24° 4'22	20°34	5°46	1°22	25°34	7°55	15°56	6°50	7°40	24°39	10°R30	11°18	5°25	n.a.	S 21
S 22	15 38 56	25° 1'29	2♓51	7°30	2°36	25°31	7°48	15°59	6°54	7°38	24°40	10°30	11°15	5°32	n.a.	S 22
M23	15 42 52	25°58'37	15°27	9°16	3°49	25°28	7°41	16° 2	6°57	7°37	24°42	10°28	11°12	5°39	n.a.	M23
T 24	15 46 49	26°55'44	28°27	11° 5	5° 3	25°24	7°34	16° 5	7° 1	7°35	24°43	10°25	11° 8	5°45	n.a.	T 24
W25	15 50 45	27°52'51	11♈55	12°57	6°17	25°19	7°27	16° 8	7° 4	7°34	24°45	10°19	11° 5	5°52	n.a.	W25
T 26	15 54 42	28°49'59	25°52	14°52	7°30	25°14	7°21	16°11	7° 8	7°32	24°46	10°11	11° 2	5°59	n.a.	T 26
F 27	15 58 38	29°47'06	10♉15	16°49	8°44	25° 8	7°14	16°14	7°11	7°30	24°47	10° 1	10°59	6° 5	n.a.	F 27
S 28	16 2 35	0♊44'14	24°59	18°48	9°58	25° 1	7° 8	16°18	7°15	7°29	24°49	9°51	10°56	6°12	n.a.	S 28
S 29	16 6 32	1°41'21	9♊58	20°49	11°11	24°53	7° 1	16°21	7°19	7°27	24°50	9°42	10°53	6°19	n.a.	S 29
M30	16 10 28	2°38'29	25° 0	22°53	12°25	24°45	6°55	16°25	7°22	7°26	24°52	9°34	10°49	6°25	n.a.	M30
T 31	16 14 25	3♊35'36	9♋58	24♉58	13♊39	24♐35	6♏49	16♌28	7♊26	7♐24	24♉53	9♒28	10♒46	6♋32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	13n21	25n15	4n45	1n46	3s26	13n35	0s24	25s16	1s41	14s 6	1n 5	18n19	1n58	21n35	0n 4	20s40	1n17	12n 3	7s13	17s17	17s18	26s57			n.a.
M 2	13 40	27 7	4 12	1 59	3 28	14 1	0 22	25 20	1 44	14 4	1 5	18 18	1 57	21 36	0 4	20 40	1 17	12 4	7 13	17 19	17 19	26 56			n.a.
T 3	13 59	27 6	3 22	2 14	3 28	14 27	0 20	25 24	1 48	14 2	1 5	18 18	1 57	21 36	0 4	20 39	1 18	12 4	7 13	17 21	17 20	26 55			n.a.
W 4	14 18	25 14	2 20	2 32	3 28	14 53	0 17	25 29	1 52	13 59	1 5	18 18	1 57	21 37	0 4	20 39	1 18	12 4	7 13	17 22	17 21	26 54			n.a.
T 5	14 37	21 46	1 9	2 51	3 28	15 18	0 15	25 33	1 56	13 57	1 4	18 17	1 57	21 37	0 4	20 39	1 18	12 5	7 13	17 22	17 22	26 54			n.a.
F 6	14 55	17 5	0s 4	3 13	3 26	15 43	0 13	25 38	2 0	13 55	1 4	18 16	1 57	21 38	0 4	20 39	1 18	12 5	7 12	17 22	17 23	26 53			n.a.
S 7	15 14	11 36	1 16	3 37	3 24	16 8	0 10	25 42	2 4	13 52	1 4	18 16	1 57	21 39	0 4	20 38	1 18	12 6	7 12	17 22	17 24	26 52			n.a.
S 8	15 32	5 40	2 22	4 3	3 20	16 32	0 8	25 46	2 8	13 50	1 4	18 15	1 57	21 39	0 4	20 38	1 18	12 6	7 12	17 23	17 25	26 51			n.a.
M 9	15 49	0s24	3 20	4 31	3 17	16 56	0 5	25 51	2 12	13 48	1 4	18 15	1 56	21 40	0 4	20 38	1 18	12 7	7 12	17 24	17 25	26 50			n.a.
T 10	16 7	6 22	4 5	5 0	3 12	17 19	0 3	25 55	2 17	13 45	1 4	18 14	1 56	21 40	0 4	20 38	1 18	12 7	7 12	17 26	17 26	26 49			n.a.
W11	16 24	11 58	4 38	5 31	3 7	17 42	0 1	26 0	2 21	13 43	1 4	18 13	1 56	21 41	0 4	20 37	1 18	12 7	7 12	17 28	17 27	26 48			n.a.
T 12	16 41	16 58	4 56	6 4	3 1	18 4	0n 2	26 4	2 25	13 41	1 4	18 13	1 56	21 41	0 4	20 37	1 18	12 8	7 12	17 32	17 28	26 47			n.a.
F 13	16 58	21 11	5 0	6 38	2 54	18 26	0 4	26 9	2 30	13 38	1 3	18 12	1 56	21 42	0 4	20 37	1 18	12 8	7 12	17 35	17 29	26 46			n.a.
S 14	17 14	24 24	4 49	7 14	2 47	18 48	0 6	26 13	2 34	13 36	1 3	18 11	1 56	21 43	0 4	20 37	1 18	12 9	7 12	17 39	17 30	26 45			n.a.
S 15	17 30	26 27	4 25	7 51	2 40	19 9	0 9	26 18	2 38	13 34	1 3	18 10	1 56	21 43	0 4	20 36	1 18	12 9	7 12	17 42	17 31	26 44			n.a.
M16	17 46	27 15	3 50	8 30	2 31	19 29	0 11	26 22	2 43	13 32	1 3	18 9	1 55	21 44	0 4	20 36	1 18	12 9	7 12	17 45	17 32	26 43			n.a.
T 17	18 2	26 46	3 4	9 10	2 23	19 49	0 14	26 27	2 47	13 29	1 3	18 9	1 55	21 45	0 4	20 36	1 18	12 10	7 12	17 47	17 33	26 42			n.a.
W18	18 17	25 4	2 12	9 50	2 14	20 9	0 16	26 32	2 52	13 27	1 3	18 8	1 55	21 45	0 4	20 36	1 18	12 10	7 12	17 49	17 33	26 41			n.a.
T 19	18 32	22 16	1 13	10 32	2 4	20 28	0 18	26 36	2 57	13 25	1 2	18 7	1 55	21 46	0 4	20 35	1 18	12 11	7 12	17 49	17 34	26 40			n.a.
F 20	18 47	18 31	0 10	11 15	1 54	20 46	0 21	26 41	3 1	13 23	1 2	18 6	1 55	21 46	0 4	20 35	1 18	12 11	7 11	17 49	17 35	26 39			n.a.
S 21	19 1	13 58	0n53	11 59	1 44	21 4	0 23	26 45	3 6	13 21	1 2	18 5	1 55	21 47	0 4	20 35	1 18	12 11	7 11	17 49	17 36	26 38			n.a.
S 22	19 15	8 47	1 56	12 43	1 33	21 21	0 25	26 50	3 11	13 18	1 2	18 4	1 55	21 48	0 4	20 35	1 18	12 12	7 11	17 49	17 37	26 37			n.a.
M23	19 29	3 8	2 54	13 28	1 22	21 38	0 28	26 55	3 15	13 16	1 2	18 3	1 55	21 48	0 4	20 34	1 18	12 12	7 11	17 50	17 38	26 36			n.a.
T 24	19 43	2n49	3 46	14 13	1 11	21 54	0 30	26 59	3 20	13 14	1 2	18 2	1 54	21 49	0 4	20 34	1 18	12 12	7 11	17 51	17 39	26 35			n.a.
W25	19 56	8 51	4 27	14 58	1 0	22 9	0 32	27 4	3 25	13 12	1 1	18 1	1 54	21 49	0 4	20 34	1 18	12 13	7 11	17 52	17 40	26 34			n.a.
T 26	20 9	14 39	4 53	15 43	0 49	22 24	0 34	27 8	3 30	13 10	1 1	18 0	1 54	21 50	0 4	20 34	1 18	12 13	7 11	17 55	17 41	26 33			n.a.
F 27	20 21	19 51	5 2	16 28	0 37	22 38	0 37	27 13	3 34	13 8	1 1	17 58	1 54	21 51	0 4	20 33	1 18	12 14	7 11	17 57	17 41	26 32			n.a.
S 28	20 33	23 58	4 52	17 13	0 26	22 52	0 39	27 17	3 39	13 6	1 1	17 57	1 54	21 51	0 4	20 33	1 18	12 14	7 11	18 0	17 42	26 31			n.a.
S 29	20 45	26 32	4 22	17 57	0 14	23 4	0 41	27 22	3 44	13 4	1 1	17 56	1 54	21 52	0 4	20 33	1 18	12 14	7 11	18 3	17 43	26 30			n.a.
M30	20 57	27 11	3 33	18 40	0 3	23 17	0 43	27 26	3 49	13 3	1 0	17 55	1 54	21 52	0 4	20 33	1 18	12 15	7 11	18 5	17 44	26 29			n.a.
T 31	21n 8	25n51	2n30	19n22	0n 8	23n28	0n45	27s31	3s53	13s 1	1n 0	17n54	1n54	21n53	0n 4	20s32	1n18	12n15	7s11	18s 6	17s45	26s28			n.a.

Julian Day Number = 1605028.5, Delta T = 03h56m47s
Ecliptic obliquity = 23°44'08, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'17, Lahiri = - 8°21'17 Julian Calendar 1 May 319 BCE == Greg. Calendar 26 Apr. 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

JUNE 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 18 21	4♊32'43	24♋43	27♉ 5	14♊52	24°R26	6°R43	16♌32	7♊29	7°R22	24♉54	9°R26	10♒43	6♂39	n.a.	W 1
T 2	16 22 18	5°29'50	9♌ 9	29°12	16° 6	24♐15	6♏37	16°36	7°33	7♐21	24°56	9°D25	10°40	6°45	n.a.	T 2
F 3	16 26 14	6°26'56	23°15	1♊21	17°20	24° 4	6°31	16°40	7°37	7°19	24°57	9♒25	10°37	6°52	n.a.	F 3
S 4	16 30 11	7°24'03	7♍ 0	3°31	18°33	23°53	6°25	16°44	7°40	7°17	24°59	9°R26	10°33	6°59	n.a.	S 4
S 5	16 34 8	8°21'09	20°26	5°41	19°47	23°41	6°20	16°48	7°44	7°16	25° 0	9°25	10°30	7° 5	n.a.	S 5
M 6	16 38 4	9°18'15	3♎33	7°50	21° 0	23°28	6°15	16°52	7°47	7°14	25° 2	9°22	10°27	7°12	n.a.	M 6
T 7	16 42 1	10°15'21	16°24	10° 0	22°14	23°15	6° 9	16°56	7°51	7°13	25° 3	9°18	10°24	7°19	n.a.	T 7
W 8	16 45 57	11°12'27	29° 3	12°10	23°28	23° 1	6° 4	17° 1	7°55	7°11	25° 4	9°10	10°21	7°25	n.a.	W 8
T 9	16 49 54	12° 9'33	11♏29	14°18	24°41	22°47	5°59	17° 5	7°58	7° 9	25° 6	9° 1	10°18	7°32	n.a.	T 9
F 10	16 53 50	13° 6'39	23°46	16°26	25°55	22°33	5°55	17°10	8° 2	7° 8	25° 7	8°51	10°14	7°39	n.a.	F 10
S 11	16 57 47	14° 3'46	5♐53	18°33	27° 9	22°18	5°50	17°14	8° 5	7° 6	25° 8	8°41	10°11	7°45	n.a.	S 11
S 12	17 1 43	15° 0'53	17°53	20°38	28°22	22° 2	5°45	17°19	8° 9	7° 5	25°10	8°32	10° 8	7°52	n.a.	S 12
M13	17 5 40	15°58'00	29°47	22°42	29°36	21°47	5°41	17°23	8°13	7° 3	25°11	8°24	10° 5	7°59	n.a.	M13
T 14	17 9 37	16°55'08	11♑37	24°45	0♋50	21°31	5°37	17°28	8°16	7° 1	25°12	8°19	10° 2	8° 5	n.a.	T 14
W15	17 13 33	17°52'17	23°25	26°46	2° 3	21°15	5°33	17°33	8°20	7° 0	25°14	8°15	9°59	8°12	n.a.	W15
T 16	17 17 30	18°49'26	5♒14	28°45	3°17	20°59	5°29	17°38	8°23	6°58	25°15	8°D14	9°55	8°19	n.a.	T 16
F 17	17 21 26	19°46'36	17° 7	0♋43	4°30	20°43	5°25	17°43	8°27	6°57	25°16	8°14	9°52	8°25	n.a.	F 17
S 18	17 25 23	20°43'46	29°10	2°39	5°44	20°26	5°22	17°48	8°30	6°55	25°18	8°16	9°49	8°32	n.a.	S 18
S 19	17 29 19	21°40'58	11♓26	4°34	6°58	20°10	5°18	17°53	8°34	6°54	25°19	8°17	9°46	8°39	n.a.	S 19
M20	17 33 16	22°38'10	24° 1	6°26	8°11	19°53	5°15	17°58	8°37	6°52	25°20	8°R17	9°43	8°45	n.a.	M20
T 21	17 37 12	23°35'24	6♈58	8°17	9°25	19°37	5°12	18° 3	8°41	6°50	25°22	8°16	9°39	8°52	n.a.	T 21
W22	17 41 9	24°32'38	20°22	10° 6	10°39	19°20	5° 9	18° 9	8°45	6°49	25°23	8°14	9°36	8°59	n.a.	W22
T 23	17 45 6	25°29'53	4♉15	11°54	11°52	19° 4	5° 7	18°14	8°48	6°47	25°24	8° 9	9°33	9° 5	n.a.	T 23
F 24	17 49 2	26°27'10	18°36	13°39	13° 6	18°48	5° 4	18°19	8°52	6°46	25°26	8° 4	9°30	9°12	n.a.	F 24
S 25	17 52 59	27°24'27	3♊22	15°23	14°19	18°32	5° 2	18°25	8°55	6°44	25°27	7°58	9°27	9°19	n.a.	S 25
S 26	17 56 55	28°21'46	18°26	17° 5	15°33	18°16	5° 0	18°30	8°58	6°43	25°28	7°52	9°24	9°25	n.a.	S 26
M27	18 0 52	29°19'05	3♋38	18°46	16°47	18° 1	4°58	18°36	9° 2	6°41	25°29	7°48	9°20	9°32	n.a.	M27
T 28	18 4 48	0♋16'26	18°49	20°25	18° 0	17°46	4°56	18°42	9° 5	6°40	25°30	7°45	9°17	9°39	n.a.	T 28
W29	18 8 45	1°13'47	3♌49	22° 2	19°14	17°32	4°55	18°48	9° 9	6°39	25°32	7°D43	9°14	9°45	n.a.	W29
T 30	18 12 42	2♋11'09	18♌31	23♋37	20♋28	17♐18	4♏53	18♌53	9♊12	6♐37	25♉33	7♒44	9♒11	9♂52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n19	22n43	1n18	20n 3	0n19	23n39	0n47	27s35	3s58	12s59	1n 0	17n52	1n53	21n54	0n 4	20s32	1n18	12n15	7s11	18s 7	17s46	26s27			n.a.
T 2	21 29	18 13	0 1	20 42	0 29	23 49	0 49	27 39	4 3	12 57	1 0	17 51	1 53	21 54	0 4	20 32	1 18	12 16	7 11	18 7	17 47	26 26			n.a.
F 3	21 39	12 47	1s13	21 19	0 39	23 59	0 52	27 43	4 7	12 55	0 59	17 50	1 53	21 55	0 4	20 32	1 18	12 16	7 11	18 7	17 48	26 25			n.a.
S 4	21 49	6 51	2 22	21 55	0 48	24 7	0 54	27 47	4 12	12 54	0 59	17 48	1 53	21 56	0 4	20 31	1 18	12 16	7 11	18 7	17 48	26 24			n.a.
S 5	21 58	0 46	3 21	22 28	0 57	24 15	0 55	27 51	4 16	12 52	0 59	17 47	1 53	21 56	0 4	20 31	1 18	12 17	7 11	18 7	17 49	26 23			n.a.
M 6	22 7	5s12	4 8	22 58	1 6	24 23	0 57	27 55	4 21	12 51	0 59	17 46	1 53	21 57	0 4	20 31	1 18	12 17	7 11	18 8	17 50	26 22			n.a.
T 7	22 16	10 50	4 41	23 26	1 13	24 29	0 59	27 58	4 25	12 49	0 59	17 44	1 53	21 57	0 4	20 31	1 18	12 17	7 11	18 9	17 51	26 20			n.a.
W 8	22 24	15 56	5 0	23 52	1 21	24 35	1 1	28 2	4 29	12 48	0 58	17 43	1 53	21 58	0 4	20 30	1 18	12 18	7 11	18 11	17 52	26 19			n.a.
T 9	22 32	20 17	5 5	24 14	1 27	24 41	1 3	28 5	4 34	12 46	0 58	17 41	1 52	21 58	0 4	20 30	1 18	12 18	7 11	18 13	17 53	26 18			n.a.
F 10	22 39	23 42	4 55	24 34	1 33	24 45	1 5	28 9	4 38	12 45	0 58	17 40	1 52	21 59	0 4	20 30	1 17	12 18	7 11	18 16	17 54	26 17			n.a.
S 11	22 46	26 1	4 32	24 51	1 38	24 49	1 6	28 12	4 42	12 43	0 58	17 38	1 52	22 0	0 4	20 29	1 17	12 19	7 11	18 19	17 55	26 16			n.a.
S 12	22 53	27 6	3 57	25 6	1 42	24 52	1 8	28 15	4 46	12 42	0 57	17 37	1 52	22 0	0 4	20 29	1 17	12 19	7 11	18 21	17 55	26 15			n.a.
M13	22 59	26 56	3 12	25 17	1 45	24 54	1 10	28 18	4 50	12 41	0 57	17 35	1 52	22 1	0 4	20 29	1 17	12 19	7 11	18 23	17 56	26 14			n.a.
T 14	23 5	25 31	2 18	25 26	1 48	24 55	1 11	28 20	4 53	12 40	0 57	17 34	1 52	22 1	0 4	20 29	1 17	12 20	7 11	18 25	17 57	26 12			n.a.
W15	23 10	22 59	1 19	25 32	1 50	24 56	1 13	28 23	4 57	12 39	0 57	17 32	1 52	22 2	0 4	20 28	1 17	12 20	7 11	18 26	17 58	26 11			n.a.
T 16	23 16	19 27	0 16	25 36	1 52	24 56	1 14	28 25	5 0	12 38	0 56	17 31	1 52	22 3	0 4	20 28	1 17	12 20	7 11	18 26	17 59	26 10			n.a.
F 17	23 20	15 8	0n48	25 37	1 53	24 55	1 16	28 27	5 4	12 37	0 56	17 29	1 52	22 3	0 4	20 28	1 17	12 21	7 11	18 26	18 0	26 9			n.a.
S 18	23 24	10 11	1 51	25 35	1 53	24 54	1 17	28 29	5 7	12 36	0 56	17 27	1 52	22 4	0 4	20 28	1 17	12 21	7 11	18 25	18 1	26 8			n.a.
S 19	23 28	4 45	2 50	25 32	1 52	24 51	1 19	28 31	5 10	12 35	0 56	17 26	1 51	22 4	0 4	20 28	1 17	12 21	7 11	18 25	18 1	26 6			n.a.
M20	23 32	0n59	3 42	25 26	1 51	24 48	1 20	28 33	5 13	12 34	0 55	17 24	1 51	22 5	0 4	20 27	1 17	12 21	7 11	18 25	18 2	26 5			n.a.
T 21	23 35	6 51	4 25	25 18	1 50	24 45	1 21	28 34	5 16	12 33	0 55	17 22	1 51	22 5	0 4	20 27	1 17	12 22	7 11	18 25	18 3	26 4			n.a.
W22	23 37	12 36	4 55	25 8	1 47	24 40	1 22	28 35	5 18	12 32	0 55	17 20	1 51	22 6	0 4	20 27	1 17	12 22	7 11	18 26	18 4	26 3			n.a.
T 23	23 39	17 56	5 9	24 56	1 44	24 35	1 23	28 37	5 21	12 32	0 55	17 19	1 51	22 7	0 4	20 27	1 17	12 22	7 11	18 27	18 5	26 2			n.a.
F 24	23 41	22 27	5 5	24 42	1 41	24 29	1 24	28 37	5 23	12 31	0 54	17 17	1 51	22 7	0 4	20 26	1 17	12 22	7 11	18 29	18 6	26 0			n.a.
S 25	23 43	25 40	4 40	24 27	1 37	24 22	1 25	28 38	5 25	12 31	0 54	17 15	1 51	22 8	0 4	20 26	1 17	12 23	7 11	18 30	18 7	25 59			n.a.
S 26	23 44	27 9	3 56	24 10	1 33	24 15	1 26	28 39	5 28	12 30	0 54	17 13	1 51	22 8	0 4	20 26	1 17	12 23	7 11	18 32	18 7	25 58			n.a.
M27	23 44	26 36	2 55	23 52	1 28	24 6	1 27	28 39	5 29	12 30	0 54	17 11	1 51	22 9	0 4	20 26	1 17	12 23	7 11	18 33	18 8	25 57			n.a.
T 28	23 44	24 4	1 41	23 32	1 23	23 57	1 28	28 39	5 31	12 29	0 53	17 9	1 51	22 9	0 4	20 25	1 17	12 23	7 11	18 34	18 9	25 55			n.a.
W29	23 44	19 53	0 21	23 11	1 17	23 48	1 29	28 40	5 33	12 29	0 53	17 8	1 51	22 10	0 4	20 25	1 17	12 24	7 11	18 34	18 10	25 54			n.a.
T 30	23n43	14n32	0s59	22n49	1n11	23n38	1n29	28s40	5s34	12s29	0n53	17n 6	1n51	22n10	0n 4	20s25	1n17	12n24	7s11	18s34	18s11	25s53			n.a.

Julian Day Number = 1605059.5, Delta T = 03h56m46s
Ecliptic obliquity = 23°44'08, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'13, Lahiri = - 8°21'13 Julian Calendar 1 June 319 BCE == Greg. Calendar 27 May 319 BCE

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

JULY 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 16 38	3♋ 8'31	2♍49	25♋10	21♋41	17°R 4	4°R52	18♌59	9♊16	6°R36	25♉34	7♒45	9♒ 8	9♂59	n.a.	F 1
S 2	18 20 35	4° 5'54	16°43	26°42	22°55	16♐51	4♏51	19° 5	9°19	6♐34	25°35	7°46	9° 5	10° 5	n.a.	S 2
S 3	18 24 31	5° 3'18	0♎12	28°12	24° 8	16°39	4°50	19°11	9°22	6°33	25°36	7°R47	9° 1	10°12	n.a.	S 3
M 4	18 28 28	6° 0'43	13°18	29°40	25°22	16°27	4°50	19°17	9°26	6°32	25°38	7°47	8°58	10°19	n.a.	M 4
T 5	18 32 24	6°58'09	26° 4	1♌ 7	26°35	16°16	4°49	19°23	9°29	6°30	25°39	7°46	8°55	10°25	n.a.	T 5
W 6	18 36 21	7°55'35	8♏34	2°32	27°49	16° 5	4°49	19°29	9°32	6°29	25°40	7°43	8°52	10°32	n.a.	W 6
T 7	18 40 17	8°53'03	20°50	3°54	29° 3	15°55	4°D49	19°35	9°35	6°28	25°41	7°39	8°49	10°39	n.a.	T 7
F 8	18 44 14	9°50'31	2♐56	5°15	0♌16	15°46	4°49	19°42	9°39	6°26	25°42	7°34	8°45	10°45	n.a.	F 8
S 9	18 48 11	10°48'01	14°55	6°34	1°30	15°38	4°49	19°48	9°42	6°25	25°43	7°30	8°42	10°52	n.a.	S 9
S 10	18 52 7	11°45'32	26°48	7°51	2°43	15°30	4°50	19°54	9°45	6°24	25°44	7°26	8°39	10°59	n.a.	S 10
M11	18 56 4	12°43'04	8♑38	9° 7	3°57	15°23	4°50	20° 0	9°48	6°23	25°45	7°22	8°36	11° 5	n.a.	M11
T 12	19 0 0	13°40'37	20°26	10°20	5°10	15°17	4°51	20° 7	9°51	6°21	25°46	7°20	8°33	11°12	n.a.	T 12
W13	19 3 57	14°38'12	2♒16	11°30	6°24	15°11	4°52	20°13	9°54	6°20	25°47	7°D19	8°30	11°19	n.a.	W13
T 14	19 7 53	15°35'48	14° 9	12°39	7°37	15° 6	4°53	20°20	9°58	6°19	25°48	7°19	8°26	11°25	n.a.	T 14
F 15	19 11 50	16°33'25	26° 8	13°45	8°51	15° 2	4°55	20°26	10° 1	6°18	25°49	7°20	8°23	11°32	n.a.	F 15
S 16	19 15 46	17°31'05	8♓16	14°49	10° 4	14°59	4°56	20°33	10° 4	6°17	25°50	7°21	8°20	11°39	n.a.	S 16
S 17	19 19 43	18°28'45	20°36	15°51	11°18	14°57	4°58	20°40	10° 7	6°16	25°51	7°23	8°17	11°45	n.a.	S 17
M18	19 23 40	19°26'28	3♈13	16°49	12°31	14°55	5° 0	20°46	10°10	6°15	25°52	7°24	8°14	11°52	n.a.	M18
T 19	19 27 36	20°24'12	16°10	17°45	13°45	14°D55	5° 2	20°53	10°13	6°14	25°53	7°R25	8°11	11°59	n.a.	T 19
W20	19 31 33	21°21'58	29°29	18°39	14°58	14°55	5° 4	21° 0	10°16	6°13	25°54	7°25	8° 7	12° 5	n.a.	W20
T 21	19 35 29	22°19'46	13♉14	19°28	16°12	14°56	5° 7	21° 6	10°19	6°12	25°55	7°24	8° 4	12°12	n.a.	T 21
F 22	19 39 26	23°17'36	27°24	20°15	17°25	14°57	5° 9	21°13	10°21	6°11	25°56	7°22	8° 1	12°19	n.a.	F 22
S 23	19 43 22	24°15'27	11♊58	20°58	18°39	15° 0	5°12	21°20	10°24	6°10	25°56	7°21	7°58	12°25	n.a.	S 23
S 24	19 47 19	25°13'21	26°52	21°38	19°52	15° 3	5°15	21°27	10°27	6° 9	25°57	7°19	7°55	12°32	n.a.	S 24
M25	19 51 15	26°11'17	11♋58	22°14	21° 5	15° 7	5°18	21°34	10°30	6° 8	25°58	7°18	7°51	12°39	n.a.	M25
T 26	19 55 12	27° 9'14	27° 8	22°45	22°19	15°12	5°22	21°41	10°33	6° 7	25°59	7°18	7°48	12°45	n.a.	T 26
W27	19 59 9	28° 7'13	12♌12	23°13	23°32	15°18	5°25	21°48	10°35	6° 6	26° 0	7°D17	7°45	12°52	n.a.	W27
T 28	20 3 5	29° 5'13	27° 2	23°35	24°46	15°25	5°29	21°55	10°38	6° 5	26° 0	7°18	7°42	12°59	n.a.	T 28
F 29	20 7 2	0♌ 3'15	11♍31	23°53	25°59	15°32	5°33	22° 2	10°41	6° 4	26° 1	7°18	7°39	13° 5	n.a.	F 29
S 30	20 10 58	1° 1'18	25°34	24° 5	27°12	15°40	5°37	22° 9	10°43	6° 4	26° 2	7°19	7°36	13°12	n.a.	S 30
S 31	20 14 55	1♌59'23	9♎11	24♌12	28♌26	15♐49	5♏41	22♌16	10♊46	6♐ 3	26♉ 2	7♒20	7♒32	13♂19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n42	8n32	2s13	22n26	1n 5	23n26	1n30	28s39	5s35	12s29	0n53	17n 4	1n50	22n11	0n 4	20s25	1n17	12n24	7s12	18s33	18s12	25s52		n.a.
S 2	23 40	2 17	3 17	22 1	0 58	23 15	1 30	28 39	5 36	12 29	0 52	17 2	1 50	22 11	0 4	20 25	1 17	12 24	7 12	18 33	18 13	25 50		n.a.
S 3	23 38	3s52	4 8	21 36	0 51	23 2	1 31	28 39	5 37	12 29	0 52	17 0	1 50	22 12	0 4	20 24	1 17	12 25	7 12	18 33	18 13	25 49		n.a.
M 4	23 36	9 40	4 45	21 11	0 43	22 49	1 31	28 38	5 38	12 29	0 52	16 58	1 50	22 13	0 4	20 24	1 17	12 25	7 12	18 33	18 14	25 48		n.a.
T 5	23 33	14 56	5 6	20 44	0 36	22 36	1 32	28 38	5 39	12 29	0 51	16 56	1 50	22 13	0 4	20 24	1 17	12 25	7 12	18 33	18 15	25 46		n.a.
W 6	23 30	19 27	5 13	20 17	0 27	22 21	1 32	28 37	5 39	12 29	0 51	16 54	1 50	22 14	0 4	20 24	1 17	12 25	7 12	18 34	18 16	25 45		n.a.
T 7	23 26	23 4	5 5	19 49	0 19	22 6	1 32	28 36	5 39	12 29	0 51	16 52	1 50	22 14	0 4	20 24	1 17	12 25	7 12	18 35	18 17	25 44		n.a.
F 8	23 22	25 38	4 43	19 21	0 10	21 50	1 32	28 35	5 40	12 29	0 51	16 50	1 50	22 15	0 4	20 23	1 17	12 26	7 12	18 36	18 18	25 42		n.a.
S 9	23 17	27 0	4 9	18 53	0 1	21 34	1 32	28 34	5 40	12 30	0 50	16 48	1 50	22 15	0 4	20 23	1 17	12 26	7 12	18 37	18 18	25 41		n.a.
S 10	23 12	27 6	3 25	18 24	0s 8	21 17	1 32	28 33	5 39	12 30	0 50	16 46	1 50	22 16	0 4	20 23	1 17	12 26	7 12	18 39	18 19	25 40		n.a.
M11	23 7	25 58	2 31	17 55	0 17	21 0	1 32	28 32	5 39	12 31	0 50	16 44	1 50	22 16	0 4	20 23	1 17	12 26	7 12	18 39	18 20	25 38		n.a.
T 12	23 1	23 40	1 32	17 26	0 27	20 42	1 32	28 31	5 39	12 31	0 50	16 41	1 50	22 17	0 4	20 23	1 17	12 26	7 12	18 40	18 21	25 37		n.a.
W13	22 55	20 21	0 28	16 57	0 37	20 23	1 32	28 30	5 38	12 32	0 49	16 39	1 50	22 17	0 4	20 23	1 17	12 26	7 12	18 40	18 22	25 36		n.a.
T 14	22 49	16 11	0n38	16 28	0 47	20 4	1 31	28 29	5 38	12 32	0 49	16 37	1 50	22 17	0 4	20 22	1 17	12 27	7 12	18 40	18 23	25 34		n.a.
F 15	22 42	11 22	1 42	15 59	0 57	19 44	1 31	28 28	5 37	12 33	0 49	16 35	1 50	22 18	0 4	20 22	1 17	12 27	7 12	18 40	18 23	25 33		n.a.
S 16	22 34	6 4	2 43	15 31	1 8	19 23	1 31	28 27	5 36	12 34	0 49	16 33	1 50	22 18	0 4	20 22	1 17	12 27	7 12	18 40	18 24	25 31		n.a.
S 17	22 27	0 27	3 37	15 2	1 18	19 3	1 30	28 26	5 35	12 35	0 48	16 31	1 50	22 19	0 4	20 22	1 16	12 27	7 13	18 39	18 25	25 30		n.a.
M18	22 18	5n18	4 22	14 34	1 29	18 41	1 29	28 24	5 34	12 36	0 48	16 28	1 50	22 19	0 4	20 22	1 16	12 27	7 13	18 39	18 26	25 29		n.a.
T 19	22 10	10 57	4 55	14 7	1 40	18 19	1 29	28 23	5 33	12 37	0 48	16 26	1 49	22 20	0 4	20 22	1 16	12 27	7 13	18 39	18 27	25 27		n.a.
W20	22 1	16 18	5 13	13 40	1 50	17 57	1 28	28 22	5 32	12 38	0 48	16 24	1 49	22 20	0 4	20 21	1 16	12 27	7 13	18 39	18 28	25 26		n.a.
T 21	21 52	21 0	5 15	13 15	2 1	17 34	1 27	28 21	5 31	12 39	0 47	16 22	1 49	22 21	0 4	20 21	1 16	12 28	7 13	18 39	18 28	25 24		n.a.
F 22	21 42	24 38	4 57	12 50	2 12	17 10	1 26	28 20	5 29	12 40	0 47	16 20	1 49	22 21	0 4	20 21	1 16	12 28	7 13	18 39	18 29	25 23		n.a.
S 23	21 32	26 49	4 21	12 26	2 23	16 47	1 25	28 18	5 28	12 41	0 47	16 17	1 49	22 21	0 5	20 21	1 16	12 28	7 13	18 40	18 30	25 22		n.a.
S 24	21 21	27 8	3 26	12 3	2 34	16 22	1 24	28 17	5 26	12 42	0 47	16 15	1 49	22 22	0 5	20 21	1 16	12 28	7 13	18 40	18 31	25 20		n.a.
M25	21 10	25 27	2 16	11 41	2 44	15 57	1 23	28 16	5 25	12 44	0 46	16 13	1 49	22 22	0 5	20 21	1 16	12 28	7 13	18 40	18 32	25 19		n.a.
T 26	20 59	21 54	0 56	11 21	2 55	15 32	1 22	28 15	5 23	12 45	0 46	16 10	1 49	22 23	0 5	20 21	1 16	12 28	7 13	18 41	18 33	25 17		n.a.
W27	20 48	16 55	0s27	11 2	3 5	15 7	1 21	28 14	5 21	12 46	0 46	16 8	1 49	22 23	0 5	20 21	1 16	12 28	7 13	18 41	18 33	25 16		n.a.
T 28	20 36	10 58	1 47	10 45	3 15	14 41	1 20	28 13	5 19	12 48	0 46	16 6	1 49	22 24	0 5	20 21	1 16	12 28	7 14	18 41	18 34	25 14		n.a.
F 29	20 23	4 35	2 59	10 31	3 25	14 14	1 18	28 12	5 18	12 49	0 45	16 4	1 49	22 24	0 5	20 20	1 16	12 28	7 14	18 40	18 35	25 13		n.a.
S 30	20 11	1s51	3 57	10 18	3 34	13 48	1 17	28 11	5 16	12 51	0 45	16 1	1 49	22 24	0 5	20 20	1 16	12 28	7 14	18 40	18 36	25 11		n.a.
S 31	19n58	7s58	4s40	10n 7	3s42	13n20	1n15	28s10	5s14	12s53	0n45	15n59	1n49	22n25	0n 5	20s20	1n16	12n28	7s14	18s40	18s37	25s10		n.a.

Julian Day Number = 1605089.5, Delta T = 03h56m45s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'09, Lahiri = - 8°21'08 Julian Calendar 1 July 319 BCE == Greg. Calendar 26 June 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

AUGUST 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 18 51	2♌57'29	22♎23	24°R14	29♌39	15♐59	5♏45	22♌23	10♊48	6°R 2	26♉ 3	7♒20	7♒29	13♑25	n.a.	M 1
T 2	20 22 48	3°55'37	5♏11	24♌ 9	0♍52	16° 9	5°50	22°30	10°51	6♐ 2	26° 4	7°R20	7°26	13°32	n.a.	T 2
W 3	20 26 44	4°53'47	17°39	23°58	2° 6	16°20	5°55	22°37	10°53	6° 1	26° 4	7°20	7°23	13°39	n.a.	W 3
T 4	20 30 41	5°51'58	29°51	23°41	3°19	16°32	6° 0	22°44	10°56	6° 0	26° 5	7°20	7°20	13°45	n.a.	T 4
F 5	20 34 38	6°50'11	11♐52	23°18	4°32	16°45	6° 5	22°52	10°58	6° 0	26° 6	7°D20	7°16	13°52	n.a.	F 5
S 6	20 38 34	7°48'26	23°45	22°48	5°45	16°58	6°10	22°59	11° 0	5°59	26° 6	7°20	7°13	13°58	n.a.	S 6
S 7	20 42 31	8°46'42	5♑35	22°12	6°59	17°12	6°15	23° 6	11° 3	5°59	26° 7	7°20	7°10	14° 5	n.a.	S 7
M 8	20 46 27	9°45'00	17°23	21°30	8°12	17°27	6°21	23°13	11° 5	5°58	26° 7	7°20	7° 7	14°12	n.a.	M 8
T 9	20 50 24	10°43'20	29°14	20°43	9°25	17°42	6°26	23°20	11° 7	5°58	26° 8	7°20	7° 4	14°18	n.a.	T 9
W10	20 54 20	11°41'41	11♒ 9	19°50	10°38	17°58	6°32	23°28	11° 9	5°57	26° 8	7°R20	7° 1	14°25	n.a.	W10
T 11	20 58 17	12°40'05	23°11	18°54	11°51	18°15	6°38	23°35	11°12	5°57	26° 9	7°20	6°57	14°32	n.a.	T 11
F 12	21 2 13	13°38'31	5♓21	17°55	13° 4	18°32	6°44	23°42	11°14	5°56	26° 9	7°19	6°54	14°38	n.a.	F 12
S 13	21 6 10	14°36'58	17°41	16°53	14°17	18°50	6°51	23°50	11°16	5°56	26°10	7°19	6°51	14°45	n.a.	S 13
S 14	21 10 7	15°35'28	0♈14	15°51	15°31	19° 8	6°57	23°57	11°18	5°56	26°10	7°18	6°48	14°52	n.a.	S 14
M15	21 14 3	16°34'00	13° 0	14°50	16°44	19°28	7° 4	24° 4	11°20	5°55	26°10	7°16	6°45	14°58	n.a.	M15
T 16	21 18 0	17°32'35	26° 3	13°51	17°57	19°47	7°10	24°12	11°22	5°55	26°11	7°15	6°42	15° 5	n.a.	T 16
W17	21 21 56	18°31'11	9♉23	12°56	19°10	20° 7	7°17	24°19	11°24	5°55	26°11	7°15	6°38	15°12	n.a.	W17
T 18	21 25 53	19°29'50	23° 2	12° 6	20°23	20°28	7°24	24°26	11°25	5°55	26°11	7°D15	6°35	15°18	n.a.	T 18
F 19	21 29 49	20°28'32	7♊ 0	11°23	21°36	20°49	7°31	24°34	11°27	5°55	26°12	7°15	6°32	15°25	n.a.	F 19
S 20	21 33 46	21°27'16	21°18	10°47	22°49	21°11	7°39	24°41	11°29	5°55	26°12	7°16	6°29	15°32	n.a.	S 20
S 21	21 37 42	22°26'02	5♋52	10°20	24° 1	21°33	7°46	24°49	11°31	5°54	26°12	7°17	6°26	15°38	n.a.	S 21
M22	21 41 39	23°24'51	20°39	10° 2	25°14	21°56	7°54	24°56	11°32	5°54	26°13	7°18	6°22	15°45	n.a.	M22
T 23	21 45 36	24°23'42	5♌32	9°D53	26°27	22°19	8° 2	25° 3	11°34	5°D54	26°13	7°R19	6°19	15°52	n.a.	T 23
W24	21 49 32	25°22'35	20°25	9°55	27°40	22°43	8° 9	25°11	11°35	5°54	26°13	7°18	6°16	15°58	n.a.	W24
T 25	21 53 29	26°21'30	5♍10	10° 6	28°53	23° 7	8°17	25°18	11°37	5°54	26°13	7°17	6°13	16° 5	n.a.	T 25
F 26	21 57 25	27°20'27	19°39	10°27	0♎ 6	23°32	8°25	25°25	11°38	5°55	26°13	7°15	6°10	16°12	n.a.	F 26
S 27	22 1 22	28°19'26	3♎46	10°58	1°19	23°57	8°34	25°33	11°40	5°55	26°13	7°12	6° 7	16°18	n.a.	S 27
S 28	22 5 18	29°18'27	17°28	11°38	2°31	24°23	8°42	25°40	11°41	5°55	26°13	7° 9	6° 3	16°25	n.a.	S 28
M29	22 9 15	0♍17'30	0♏45	12°27	3°44	24°49	8°51	25°48	11°42	5°55	26°14	7° 6	6° 0	16°32	n.a.	M29
T 30	22 13 11	1°16'35	13°37	13°23	4°57	25°15	8°59	25°55	11°44	5°55	26°14	7° 4	5°57	16°38	n.a.	T 30
W31	22 17 8	2♍15'42	26♏ 8	14♌27	6♎10	25♐42	9♏ 8	26♌ 2	11♊45	5♐55	26♉14	7♒ 2	5♒54	16♑45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	19n44	13s33	5s 7	9n59	3s50	12n53	1n14	28s 9	5s12	12s54	0n45	15n56	1n49	22n25	0n 5	20s20	1n16	12n28	7s14	18s40	18s38	25s 8		n.a.
T 2	19 31	18 23	5 17	9 54	3 58	12 25	1 12	28 8	5 10	12 56	0 44	15 54	1 49	22 25	0 5	20 20	1 16	12 29	7 14	18 40	18 38	25 7		n.a.
W 3	19 17	22 18	5 13	9 51	4 4	11 57	1 10	28 7	5 8	12 58	0 44	15 52	1 49	22 26	0 5	20 20	1 16	12 29	7 14	18 40	18 39	25 5		n.a.
T 4	19 2	25 9	4 54	9 52	4 9	11 29	1 9	28 6	5 5	13 0	0 44	15 49	1 49	22 26	0 5	20 20	1 16	12 29	7 14	18 40	18 40	25 4		n.a.
F 5	18 48	26 49	4 22	9 56	4 14	11 0	1 7	28 6	5 3	13 2	0 44	15 47	1 49	22 27	0 5	20 20	1 16	12 29	7 14	18 40	18 41	25 2		n.a.
S 6	18 33	27 14	3 39	10 3	4 17	10 31	1 5	28 5	5 1	13 4	0 43	15 45	1 49	22 27	0 5	20 20	1 16	12 29	7 14	18 40	18 42	25 1		n.a.
S 7	18 17	26 24	2 47	10 13	4 18	10 2	1 3	28 4	4 59	13 6	0 43	15 42	1 49	22 27	0 5	20 20	1 16	12 29	7 15	18 40	18 42	24 59		n.a.
M 8	18 2	24 23	1 49	10 27	4 18	9 32	1 1	28 3	4 57	13 8	0 43	15 40	1 49	22 28	0 5	20 20	1 15	12 29	7 15	18 40	18 43	24 58		n.a.
T 9	17 46	21 18	0 45	10 44	4 16	9 2	0 59	28 2	4 54	13 10	0 43	15 37	1 49	22 28	0 5	20 20	1 15	12 29	7 15	18 40	18 44	24 56		n.a.
W10	17 29	17 18	0n21	11 4	4 12	8 32	0 57	28 2	4 52	13 12	0 42	15 35	1 49	22 28	0 5	20 20	1 15	12 29	7 15	18 40	18 45	24 55		n.a.
T 11	17 13	12 36	1 27	11 27	4 6	8 2	0 54	28 1	4 50	13 14	0 42	15 32	1 49	22 29	0 5	20 20	1 15	12 29	7 15	18 40	18 46	24 53		n.a.
F 12	16 56	7 21	2 29	11 52	3 58	7 32	0 52	28 0	4 47	13 16	0 42	15 30	1 49	22 29	0 5	20 20	1 15	12 29	7 15	18 40	18 47	24 52		n.a.
S 13	16 39	1 46	3 26	12 20	3 49	7 1	0 50	27 59	4 45	13 19	0 42	15 28	1 49	22 29	0 5	20 20	1 15	12 29	7 15	18 40	18 47	24 50		n.a.
S 14	16 22	3n57	4 13	12 50	3 37	6 30	0 47	27 59	4 42	13 21	0 42	15 25	1 49	22 29	0 5	20 20	1 15	12 29	7 15	18 41	18 48	24 49		n.a.
M15	16 4	9 37	4 49	13 21	3 23	6 0	0 45	27 58	4 40	13 23	0 41	15 23	1 49	22 30	0 5	20 20	1 15	12 29	7 15	18 41	18 49	24 47		n.a.
T 16	15 46	15 0	5 11	13 52	3 8	5 28	0 42	27 57	4 38	13 26	0 41	15 20	1 49	22 30	0 5	20 20	1 15	12 29	7 16	18 41	18 50	24 45		n.a.
W17	15 28	19 47	5 17	14 24	2 52	4 57	0 40	27 56	4 35	13 28	0 41	15 18	1 50	22 30	0 5	20 20	1 15	12 29	7 16	18 41	18 51	24 44		n.a.
T 18	15 9	23 40	5 5	14 55	2 34	4 26	0 37	27 55	4 33	13 31	0 41	15 15	1 50	22 31	0 5	20 20	1 15	12 29	7 16	18 41	18 51	24 42		n.a.
F 19	14 51	26 16	4 35	15 25	2 15	3 54	0 35	27 54	4 30	13 33	0 40	15 13	1 50	22 31	0 5	20 20	1 15	12 28	7 16	18 41	18 52	24 41		n.a.
S 20	14 32	27 14	3 48	15 53	1 56	3 23	0 32	27 54	4 28	13 36	0 40	15 10	1 50	22 31	0 5	20 20	1 15	12 28	7 16	18 41	18 53	24 39		n.a.
S 21	14 12	26 21	2 45	16 19	1 37	2 51	0 29	27 53	4 25	13 39	0 40	15 8	1 50	22 31	0 5	20 20	1 15	12 28	7 16	18 41	18 54	24 37		n.a.
M22	13 53	23 37	1 31	16 43	1 17	2 19	0 26	27 52	4 23	13 41	0 40	15 5	1 50	22 32	0 5	20 20	1 15	12 28	7 16	18 40	18 55	24 36		n.a.
T 23	13 33	19 17	0 10	17 4	0 58	1 47	0 24	27 51	4 21	13 44	0 40	15 3	1 50	22 32	0 5	20 20	1 15	12 28	7 16	18 40	18 55	24 34		n.a.
W24	13 13	13 43	1s12	17 21	0 39	1 15	0 21	27 50	4 18	13 47	0 39	15 1	1 50	22 32	0 5	20 20	1 15	12 28	7 17	18 40	18 56	24 33		n.a.
T 25	12 53	7 27	2 28	17 36	0 21	0 43	0 18	27 49	4 16	13 50	0 39	14 58	1 50	22 32	0 5	20 20	1 15	12 28	7 17	18 41	18 57	24 31		n.a.
F 26	12 33	0 53	3 33	17 46	0 4	0 11	0 15	27 47	4 13	13 52	0 39	14 56	1 50	22 32	0 5	20 20	1 15	12 28	7 17	18 41	18 58	24 29		n.a.
S 27	12 12	5s32	4 23	17 53	0n12	0s21	0 12	27 46	4 11	13 55	0 39	14 53	1 50	22 33	0 5	20 20	1 15	12 28	7 17	18 42	18 59	24 28		n.a.
S 28	11 51	11 30	4 57	17 57	0 27	0 53	0 9	27 45	4 8	13 58	0 39	14 51	1 50	22 33	0 5	20 20	1 14	12 28	7 17	18 43	18 59	24 26		n.a.
M29	11 30	16 45	5 13	17 56	0 41	1 25	0 6	27 44	4 6	14 1	0 38	14 48	1 50	22 33	0 5	20 20	1 14	12 28	7 17	18 44	19 0	24 24		n.a.
T 30	11 9	21 5	5 13	17 52	0 54	1 57	0 3	27 42	4 3	14 4	0 38	14 46	1 50	22 33	0 5	20 20	1 14	12 28	7 17	18 44	19 1	24 23		n.a.
W31	10n48	24s20	4s58	17n44	1n 5	2s29	0s 0	27s41	4s 1	14s 7	0n38	14n43	1n50	22n33	0n 5	20s21	1n14	12n28	7s17	18s44	19s 2	24s21		n.a.

Julian Day Number = 1605120.5, Delta T = 03h56m44s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'05, Lahiri = - 8°21'04 Julian Calendar 1 Aug. 319 BCE == Greg. Calendar 27 July 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

SEPTEMBER 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 21 4	3♍14'51	8♐20	15♌37	7♎22	26♐10	9♏17	26♌10	11♊46	5♐56	26°R14	7°D 2	5♒51	16♉52	n.a.	T 1
F 2	22 25 1	4°14'02	20°20	16°53	8°35	26°37	9°26	26°17	11°47	5°56	26♉14	7♒ 3	5°48	16°58	n.a.	F 2
S 3	22 28 58	5°13'15	2♉12	18°15	9°47	27° 5	9°35	26°24	11°48	5°56	26°14	7° 5	5°44	17° 5	n.a.	S 3
S 4	22 32 54	6°12'29	14° 0	19°41	11° 0	27°34	9°44	26°32	11°49	5°57	26°13	7° 7	5°41	17°11	n.a.	S 4
M 5	22 36 51	7°11'46	25°49	21°11	12°13	28° 3	9°54	26°39	11°50	5°57	26°13	7° 8	5°38	17°18	n.a.	M 5
T 6	22 40 47	8°11'04	7♒44	22°44	13°25	28°32	10° 3	26°46	11°51	5°58	26°13	7°R 9	5°35	17°25	n.a.	T 6
W 7	22 44 44	9°10'25	19°46	24°20	14°38	29° 1	10°13	26°54	11°52	5°58	26°13	7° 8	5°32	17°31	n.a.	W 7
T 8	22 48 40	10° 9'47	2♓ 0	25°58	15°50	29°31	10°22	27° 1	11°53	5°59	26°13	7° 6	5°28	17°38	n.a.	T 8
F 9	22 52 37	11° 9'12	14°25	27°38	17° 2	0♉ 1	10°32	27° 8	11°53	5°59	26°13	7° 2	5°25	17°45	n.a.	F 9
S 10	22 56 33	12° 8'38	27° 4	29°19	18°15	0°32	10°42	27°15	11°54	6° 0	26°13	6°56	5°22	17°51	n.a.	S 10
S 11	23 0 30	13° 8'07	9♈56	1♍ 2	19°27	1° 3	10°52	27°23	11°55	6° 0	26°12	6°50	5°19	17°58	n.a.	S 11
M12	23 4 27	14° 7'38	23° 2	2°45	20°39	1°34	11° 2	27°30	11°55	6° 1	26°12	6°44	5°16	18° 5	n.a.	M12
T 13	23 8 23	15° 7'12	6♉20	4°28	21°51	2° 5	11°12	27°37	11°56	6° 2	26°12	6°38	5°13	18°11	n.a.	T 13
W14	23 12 20	16° 6'48	19°51	6°12	23° 4	2°37	11°23	27°44	11°56	6° 2	26°12	6°34	5° 9	18°18	n.a.	W14
T 15	23 16 16	17° 6'26	3♊33	7°57	24°16	3° 8	11°33	27°51	11°57	6° 3	26°11	6°31	5° 6	18°25	n.a.	T 15
F 16	23 20 13	18° 6'07	17°27	9°41	25°28	3°41	11°44	27°58	11°57	6° 4	26°11	6°D30	5° 3	18°31	n.a.	F 16
S 17	23 24 9	19° 5'51	1♋32	11°25	26°40	4°13	11°54	28° 5	11°58	6° 5	26°11	6°31	5° 0	18°38	n.a.	S 17
S 18	23 28 6	20° 5'37	15°47	13° 9	27°52	4°46	12° 5	28°12	11°58	6° 5	26°10	6°32	4°57	18°45	n.a.	S 18
M19	23 32 2	21° 5'25	0♌10	14°52	29° 4	5°19	12°16	28°19	11°58	6° 6	26°10	6°R33	4°54	18°51	n.a.	M19
T 20	23 35 59	22° 5'15	14°38	16°35	0♏16	5°52	12°27	28°26	11°58	6° 7	26° 9	6°33	4°50	18°58	n.a.	T 20
W21	23 39 55	23° 5'08	29° 8	18°18	1°28	6°25	12°38	28°33	11°58	6° 8	26° 9	6°31	4°47	19° 5	n.a.	W21
T 22	23 43 52	24° 5'03	13♍33	20° 0	2°40	6°59	12°49	28°40	11°R58	6° 9	26° 9	6°26	4°44	19°11	n.a.	T 22
F 23	23 47 49	25° 4'59	27°47	21°42	3°52	7°33	13° 0	28°47	11°58	6°10	26° 8	6°20	4°41	19°18	n.a.	F 23
S 24	23 51 45	26° 4'58	11♎46	23°23	5° 4	8° 7	13°11	28°54	11°58	6°11	26° 8	6°12	4°38	19°25	n.a.	S 24
S 25	23 55 42	27° 4'59	25°25	25° 4	6°15	8°42	13°22	29° 1	11°58	6°12	26° 7	6° 3	4°34	19°31	n.a.	S 25
M26	23 59 38	28° 5'02	8♏41	26°44	7°27	9°16	13°34	29° 8	11°58	6°13	26° 7	5°54	4°31	19°38	n.a.	M26
T 27	0 3 35	29° 5'07	21°35	28°23	8°39	9°51	13°45	29°14	11°58	6°14	26° 6	5°47	4°28	19°44	n.a.	T 27
W28	0 7 31	0♎ 5'13	4♐ 7	0♎ 3	9°50	10°26	13°57	29°21	11°57	6°16	26° 5	5°41	4°25	19°51	n.a.	W28
T 29	0 11 28	1° 5'21	16°21	1°41	11° 2	11° 1	14° 9	29°28	11°57	6°17	26° 5	5°38	4°22	19°58	n.a.	T 29
F 30	0 15 24	2♎ 5'31	28♐21	3♎19	12♏13	11♉37	14♏20	29♌34	11♊57	6♐18	26♉ 4	5°D36	4♒19	20♉ 4	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n26	26s24	4s29	17n33	1n15	3s 1	0s 4	27s39	3s58	14s10	0n38	14n41	1n50	22n34	0n 5	20s21	1n14	12n27	7s17	18s44	19s 3	24s19		n.a.
F 2	10 5	27 12	3 49	17 18	1 24	3 33	0 7	27 37	3 56	14 13	0 38	14 38	1 50	22 34	0 5	20 21	1 14	12 27	7 18	18 44	19 3	24 18		n.a.
S 3	9 43	26 43	3 0	17 0	1 32	4 5	0 10	27 36	3 53	14 16	0 37	14 36	1 50	22 34	0 5	20 21	1 14	12 27	7 18	18 44	19 4	24 16		n.a.
S 4	9 21	25 2	2 4	16 39	1 38	4 36	0 13	27 34	3 51	14 19	0 37	14 33	1 51	22 34	0 5	20 21	1 14	12 27	7 18	18 43	19 5	24 14		n.a.
M 5	8 59	22 15	1 2	16 15	1 44	5 8	0 16	27 32	3 49	14 23	0 37	14 31	1 51	22 34	0 5	20 21	1 14	12 27	7 18	18 43	19 6	24 13		n.a.
T 6	8 36	18 31	0n 3	15 48	1 48	5 40	0 20	27 30	3 46	14 26	0 37	14 28	1 51	22 34	0 5	20 21	1 14	12 27	7 18	18 43	19 7	24 11		n.a.
W 7	8 14	13 59	1 9	15 19	1 51	6 11	0 23	27 28	3 44	14 29	0 37	14 26	1 51	22 34	0 5	20 21	1 14	12 27	7 18	18 43	19 7	24 9		n.a.
T 8	7 51	8 51	2 12	14 48	1 54	6 42	0 26	27 25	3 41	14 32	0 36	14 24	1 51	22 35	0 5	20 21	1 14	12 27	7 18	18 44	19 8	24 7		n.a.
F 9	7 28	3 18	3 9	14 15	1 55	7 14	0 30	27 23	3 39	14 36	0 36	14 21	1 51	22 35	0 5	20 22	1 14	12 26	7 18	18 45	19 9	24 6		n.a.
S 10	7 5	2n28	3 59	13 40	1 56	7 45	0 33	27 21	3 36	14 39	0 36	14 19	1 51	22 35	0 5	20 22	1 14	12 26	7 18	18 46	19 10	24 4		n.a.
S 11	6 42	8 13	4 37	13 3	1 56	8 16	0 36	27 18	3 34	14 42	0 36	14 16	1 51	22 35	0 5	20 22	1 14	12 26	7 19	18 48	19 10	24 2		n.a.
M12	6 19	13 43	5 2	12 25	1 55	8 46	0 40	27 15	3 32	14 46	0 36	14 14	1 51	22 35	0 5	20 22	1 14	12 26	7 19	18 49	19 11	24 0		n.a.
T 13	5 56	18 40	5 10	11 45	1 54	9 17	0 43	27 12	3 29	14 49	0 35	14 11	1 51	22 35	0 5	20 22	1 14	12 26	7 19	18 51	19 12	23 59		n.a.
W14	5 33	22 45	5 2	11 4	1 52	9 47	0 46	27 9	3 27	14 52	0 35	14 9	1 52	22 35	0 5	20 22	1 14	12 26	7 19	18 52	19 13	23 57		n.a.
T 15	5 9	25 39	4 37	10 23	1 49	10 17	0 50	27 6	3 25	14 56	0 35	14 7	1 52	22 35	0 5	20 23	1 14	12 25	7 19	18 52	19 14	23 55		n.a.
F 16	4 46	27 2	3 55	9 40	1 46	10 47	0 53	27 3	3 22	14 59	0 35	14 4	1 52	22 35	0 5	20 23	1 14	12 25	7 19	18 53	19 14	23 53		n.a.
S 17	4 22	26 42	2 58	8 57	1 43	11 17	0 56	27 0	3 20	15 3	0 35	14 2	1 52	22 35	0 5	20 23	1 13	12 25	7 19	18 53	19 15	23 52		n.a.
S 18	3 58	24 37	1 50	8 14	1 39	11 46	1 0	26 56	3 18	15 6	0 35	13 59	1 52	22 35	0 5	20 23	1 13	12 25	7 19	18 52	19 16	23 50		n.a.
M19	3 34	20 56	0 35	7 29	1 35	12 15	1 3	26 53	3 15	15 10	0 34	13 57	1 52	22 35	0 5	20 23	1 13	12 25	7 19	18 52	19 17	23 48		n.a.
T 20	3 11	15 57	0s44	6 45	1 30	12 44	1 6	26 49	3 13	15 13	0 34	13 55	1 52	22 35	0 5	20 24	1 13	12 24	7 20	18 52	19 17	23 46		n.a.
W21	2 47	10 4	1 59	6 0	1 26	13 13	1 9	26 45	3 11	15 17	0 34	13 52	1 52	22 36	0 5	20 24	1 13	12 24	7 20	18 53	19 18	23 44		n.a.
T 22	2 23	3 41	3 6	5 14	1 21	13 41	1 13	26 41	3 8	15 20	0 34	13 50	1 52	22 36	0 5	20 24	1 13	12 24	7 20	18 54	19 19	23 43		n.a.
F 23	1 59	2s47	4 1	4 29	1 15	14 9	1 16	26 37	3 6	15 24	0 34	13 48	1 53	22 36	0 5	20 24	1 13	12 24	7 20	18 55	19 20	23 41		n.a.
S 24	1 35	8 59	4 40	3 43	1 10	14 37	1 19	26 33	3 4	15 27	0 34	13 45	1 53	22 36	0 5	20 24	1 13	12 24	7 20	18 57	19 21	23 39		n.a.
S 25	1 10	14 37	5 1	2 58	1 4	15 4	1 22	26 28	3 2	15 31	0 33	13 43	1 53	22 36	0 5	20 25	1 13	12 23	7 20	19 0	19 21	23 37		n.a.
M26	0 46	19 24	5 6	2 12	0 58	15 31	1 26	26 23	2 59	15 35	0 33	13 41	1 53	22 36	0 5	20 25	1 13	12 23	7 20	19 2	19 22	23 35		n.a.
T 27	0 22	23 7	4 55	1 27	0 52	15 58	1 29	26 19	2 57	15 38	0 33	13 39	1 53	22 36	0 5	20 25	1 13	12 23	7 20	19 4	19 23	23 34		n.a.
W28	0s 2	25 39	4 30	0 41	0 46	16 24	1 32	26 14	2 55	15 42	0 33	13 36	1 53	22 36	0 5	20 25	1 13	12 23	7 20	19 5	19 24	23 32		n.a.
T 29	0 26	26 53	3 53	0s 4	0 40	16 50	1 35	26 8	2 53	15 46	0 33	13 34	1 53	22 35	0 5	20 26	1 13	12 23	7 20	19 6	19 24	23 30		n.a.
F 30	0s51	26s50	3s 6	0s50	0n33	17s15	1s38	26s 3	2s51	15s49	0n33	13n32	1n54	22n35	0n 5	20s26	1n13	12n22	7s21	19s 6	19s25	23s28		n.a.

Julian Day Number = 1605151.5, Delta T = 03h56m43s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°28'00, Lahiri = - 8°21'00 Julian Calendar 1 Sept. 319 BCE == Greg. Calendar 27 Aug. 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

OCTOBER 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 19 21	3♎ 5'43	10♉12	4♎57	13♏25	12♉12	14♏32	29♌41	11°R56	6♐19	26°R 4	5♒36	4♒15	20♉11	n.a.	S 1
S 2	0 23 18	4° 5'56	22° 0	6°34	14°36	12°48	14°44	29°48	11♊56	6°20	26♋ 3	5°37	4°12	20°18	n.a.	S 2
M 3	0 27 14	5° 6'11	3♒50	8°11	15°48	13°24	14°56	29°54	11°55	6°22	26° 2	5°R38	4° 9	20°24	n.a.	M 3
T 4	0 31 11	6° 6'27	15°47	9°47	16°59	14° 0	15° 8	0♍ 1	11°55	6°23	26° 1	5°37	4° 6	20°31	n.a.	T 4
W 5	0 35 7	7° 6'45	27°56	11°23	18°10	14°36	15°20	0° 7	11°54	6°24	26° 1	5°35	4° 3	20°38	n.a.	W 5
T 6	0 39 4	8° 7'05	10♓19	12°58	19°21	15°13	15°32	0°13	11°53	6°26	26° 0	5°30	3°59	20°44	n.a.	T 6
F 7	0 43 0	9° 7'26	23° 0	14°33	20°32	15°49	15°45	0°20	11°53	6°27	25°59	5°22	3°56	20°51	n.a.	F 7
S 8	0 46 57	10° 7'49	5♈58	16° 8	21°43	16°26	15°57	0°26	11°52	6°29	25°59	5°12	3°53	20°58	n.a.	S 8
S 9	0 50 53	11° 8'14	19°14	17°42	22°54	17° 3	16° 9	0°32	11°51	6°30	25°58	5° 1	3°50	21° 4	n.a.	S 9
M10	0 54 50	12° 8'41	2♉45	19°16	24° 5	17°40	16°22	0°38	11°50	6°32	25°57	4°49	3°47	21°11	n.a.	M10
T 11	0 58 47	13° 9'10	16°28	20°50	25°16	18°17	16°34	0°44	11°49	6°33	25°56	4°38	3°44	21°18	n.a.	T 11
W12	1 2 43	14° 9'40	0♊21	22°23	26°26	18°54	16°47	0°50	11°48	6°35	25°55	4°30	3°40	21°24	n.a.	W12
T 13	1 6 40	15°10'13	14°20	23°56	27°37	19°31	16°59	0°56	11°47	6°36	25°54	4°23	3°37	21°31	n.a.	T 13
F 14	1 10 36	16°10'47	28°22	25°29	28°48	20° 9	17°12	1° 2	11°46	6°38	25°54	4°20	3°34	21°38	n.a.	F 14
S 15	1 14 33	17°11'24	12♋26	27° 1	29°58	20°46	17°25	1° 8	11°45	6°39	25°53	4°D19	3°31	21°44	n.a.	S 15
S 16	1 18 29	18°12'02	26°31	28°33	1♐ 8	21°24	17°38	1°14	11°44	6°41	25°52	4°R19	3°28	21°51	n.a.	S 16
M17	1 22 26	19°12'42	10♌37	0♏ 5	2°19	22° 2	17°50	1°20	11°42	6°43	25°51	4°19	3°25	21°57	n.a.	M17
T 18	1 26 22	20°13'24	24°41	1°37	3°29	22°40	18° 3	1°26	11°41	6°44	25°50	4°17	3°21	22° 4	n.a.	T 18
W19	1 30 19	21°14'08	8♍44	3° 8	4°39	23°18	18°16	1°31	11°40	6°46	25°49	4°13	3°18	22°11	n.a.	W19
T 20	1 34 16	22°14'53	22°42	4°39	5°49	23°56	18°29	1°37	11°38	6°48	25°48	4° 7	3°15	22°17	n.a.	T 20
F 21	1 38 12	23°15'40	6♎32	6°10	6°59	24°35	18°42	1°42	11°37	6°50	25°47	3°57	3°12	22°24	n.a.	F 21
S 22	1 42 9	24°16'29	20°10	7°40	8° 9	25°13	18°55	1°48	11°35	6°51	25°46	3°45	3° 9	22°31	n.a.	S 22
S 23	1 46 5	25°17'19	3♏34	9°10	9°18	25°52	19° 8	1°53	11°34	6°53	25°45	3°31	3° 5	22°37	n.a.	S 23
M24	1 50 2	26°18'10	16°40	10°40	10°28	26°30	19°22	1°58	11°32	6°55	25°44	3°18	3° 2	22°44	n.a.	M24
T 25	1 53 58	27°19'03	29°27	12°10	11°37	27° 9	19°35	2° 4	11°31	6°57	25°43	3° 6	2°59	22°51	n.a.	T 25
W26	1 57 55	28°19'57	11♐56	13°39	12°47	27°48	19°48	2° 9	11°29	6°59	25°42	2°56	2°56	22°57	n.a.	W26
T 27	2 1 51	29°20'52	24° 9	15° 8	13°56	28°27	20° 1	2°14	11°27	7° 1	25°41	2°49	2°53	23° 4	n.a.	T 27
F 28	2 5 48	0♏21'48	6♉ 8	16°36	15° 5	29° 6	20°15	2°19	11°26	7° 2	25°40	2°45	2°50	23°11	n.a.	F 28
S 29	2 9 45	1°22'45	17°59	18° 3	16°14	29°45	20°28	2°24	11°24	7° 4	25°39	2°44	2°46	23°17	n.a.	S 29
S 30	2 13 41	2°23'43	29°46	19°30	17°23	0♒24	20°41	2°29	11°22	7° 6	25°38	2°43	2°43	23°24	n.a.	S 30
M31	2 17 38	3♏24'42	11♒36	20♏57	18♐32	1♒ 3	20♏55	2♍33	11♊20	7♐ 8	25♋37	2♒43	2♒40	23♉31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s15	25s32	2s12	1s35	0n27	17s40	1s41	25s58	2s48	15s53	0n32	13n30	1n54	22n35	0n 5	20s26	1n13	12n22	7s21	19s 6	19s26	23s26		n.a.
S 2	1 39	23 6	1 12	2 20	0 20	18 5	1 44	25 52	2 46	15 57	0 32	13 27	1 54	22 35	0 5	20 26	1 13	12 22	7 21	19 6	19 27	23 24		n.a.
M 3	2 3	19 41	0 10	3 4	0 14	18 29	1 47	25 46	2 44	16 0	0 32	13 25	1 54	22 35	0 5	20 27	1 13	12 22	7 21	19 6	19 27	23 22		n.a.
T 4	2 27	15 26	0n54	3 49	0 7	18 52	1 50	25 40	2 42	16 4	0 32	13 23	1 54	22 35	0 6	20 27	1 13	12 21	7 21	19 6	19 28	23 21		n.a.
W 5	2 51	10 31	1 56	4 33	0 1	19 15	1 53	25 34	2 40	16 8	0 32	13 21	1 54	22 35	0 6	20 27	1 13	12 21	7 21	19 7	19 29	23 19		n.a.
T 6	3 16	5 6	2 54	5 16	0s 6	19 38	1 56	25 28	2 38	16 11	0 32	13 19	1 55	22 35	0 6	20 28	1 13	12 21	7 21	19 8	19 30	23 17		n.a.
F 7	3 40	0n37	3 45	6 0	0 12	20 0	1 59	25 22	2 36	16 15	0 32	13 17	1 55	22 35	0 6	20 28	1 13	12 21	7 21	19 10	19 30	23 15		n.a.
S 8	4 4	6 26	4 25	6 43	0 19	20 22	2 1	25 15	2 33	16 19	0 31	13 15	1 55	22 35	0 6	20 28	1 12	12 20	7 21	19 12	19 31	23 13		n.a.
S 9	4 28	12 6	4 51	7 25	0 26	20 43	2 4	25 8	2 31	16 23	0 31	13 13	1 55	22 35	0 6	20 28	1 12	12 20	7 21	19 15	19 32	23 11		n.a.
M10	4 51	17 18	5 2	8 8	0 32	21 4	2 6	25 1	2 29	16 26	0 31	13 11	1 55	22 35	0 6	20 29	1 12	12 20	7 21	19 18	19 33	23 9		n.a.
T 11	5 15	21 41	4 56	8 49	0 39	21 24	2 9	24 54	2 27	16 30	0 31	13 8	1 55	22 35	0 6	20 29	1 12	12 20	7 21	19 20	19 34	23 7		n.a.
W12	5 39	24 55	4 32	9 31	0 45	21 44	2 11	24 47	2 25	16 34	0 31	13 6	1 56	22 34	0 6	20 29	1 12	12 19	7 21	19 23	19 34	23 5		n.a.
T 13	6 3	26 39	3 53	10 11	0 51	22 3	2 14	24 39	2 23	16 38	0 31	13 4	1 56	22 34	0 6	20 30	1 12	12 19	7 22	19 24	19 35	23 4		n.a.
F 14	6 26	26 42	2 58	10 52	0 57	22 21	2 16	24 32	2 21	16 41	0 31	13 3	1 56	22 34	0 6	20 30	1 12	12 19	7 22	19 25	19 36	23 2		n.a.
S 15	6 50	25 2	1 53	11 31	1 4	22 39	2 19	24 24	2 19	16 45	0 30	13 1	1 56	22 34	0 6	20 30	1 12	12 19	7 22	19 25	19 37	23 0		n.a.
S 16	7 13	21 47	0 41	12 10	1 10	22 56	2 21	24 16	2 17	16 49	0 30	12 59	1 56	22 34	0 6	20 31	1 12	12 18	7 22	19 25	19 37	22 58		n.a.
M17	7 37	17 15	0s33	12 49	1 16	23 13	2 23	24 8	2 15	16 53	0 30	12 57	1 57	22 34	0 6	20 31	1 12	12 18	7 22	19 25	19 38	22 56		n.a.
T 18	8 0	11 48	1 46	13 27	1 21	23 29	2 25	24 0	2 13	16 56	0 30	12 55	1 57	22 34	0 6	20 31	1 12	12 18	7 22	19 25	19 39	22 54		n.a.
W19	8 23	5 45	2 51	14 4	1 27	23 44	2 27	23 51	2 11	17 0	0 30	12 53	1 57	22 33	0 6	20 31	1 12	12 18	7 22	19 26	19 40	22 52		n.a.
T 20	8 46	0s31	3 46	14 41	1 32	23 59	2 29	23 43	2 9	17 4	0 30	12 51	1 57	22 33	0 6	20 32	1 12	12 17	7 22	19 28	19 40	22 50		n.a.
F 21	9 9	6 42	4 27	15 16	1 38	24 13	2 30	23 34	2 8	17 8	0 30	12 49	1 57	22 33	0 6	20 32	1 12	12 17	7 22	19 30	19 41	22 48		n.a.
S 22	9 32	12 28	4 52	15 51	1 43	24 26	2 32	23 25	2 6	17 11	0 29	12 48	1 58	22 33	0 6	20 32	1 12	12 17	7 22	19 33	19 42	22 46		n.a.
S 23	9 54	17 33	5 0	16 26	1 48	24 39	2 34	23 16	2 4	17 15	0 29	12 46	1 58	22 33	0 6	20 33	1 12	12 16	7 22	19 36	19 42	22 44		n.a.
M24	10 16	21 41	4 52	16 59	1 52	24 51	2 35	23 6	2 2	17 19	0 29	12 44	1 58	22 32	0 6	20 33	1 12	12 16	7 22	19 40	19 43	22 42		n.a.
T 25	10 39	24 40	4 30	17 32	1 57	25 3	2 37	22 57	2 0	17 23	0 29	12 42	1 58	22 32	0 6	20 34	1 12	12 16	7 22	19 42	19 44	22 40		n.a.
W26	11 1	26 22	3 54	18 3	2 1	25 13	2 38	22 47	1 58	17 26	0 29	12 41	1 58	22 32	0 6	20 34	1 12	12 16	7 22	19 45	19 45	22 38		n.a.
T 27	11 23	26 45	3 9	18 34	2 5	25 23	2 39	22 37	1 56	17 30	0 29	12 39	1 59	22 32	0 6	20 34	1 12	12 15	7 22	19 46	19 45	22 36		n.a.
F 28	11 44	25 51	2 16	19 3	2 9	25 33	2 40	22 27	1 54	17 34	0 29	12 37	1 59	22 32	0 6	20 35	1 12	12 15	7 22	19 47	19 46	22 34		n.a.
S 29	12 6	23 47	1 17	19 32	2 12	25 41	2 41	22 17	1 53	17 38	0 29	12 36	1 59	22 31	0 6	20 35	1 12	12 15	7 22	19 48	19 47	22 32		n.a.
S 30	12 27	20 42	0 16	19 59	2 15	25 49	2 42	22 7	1 51	17 41	0 29	12 34	1 59	22 31	0 6	20 35	1 12	12 15	7 22	19 48	19 48	22 30		n.a.
M31	12s48	16s46	0n47	20s25	2s17	25s56	2s43	21s57	1s49	17s45	0n28	12n33	1n59	22n31	0n 6	20s36	1n12	12n14	7s22	19s48	19s48	22s28		n.a.

Julian Day Number = 1605181.5, Delta T = 03h56m42s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'56, Lahiri = - 8°20'56 Julian Calendar 1 Oct. 319 BCE == Greg. Calendar 26 Sept. 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

NOVEMBER 319 BCE (-318) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 21 34	4♏25'41	23♒33	22♏22	19♐40	1♒42	21♏ 8	2♍38	11°R18	7♐10	25°R36	2°R42	2♒37	23♑37	n.a.	T 1
W 2	2 25 31	5°26'42	5♓43	23°47	20°49	2°22	21°22	2°43	11♊16	7°12	25♉35	2♒39	2°34	23°44	n.a.	W 2
T 3	2 29 27	6°27'43	18°11	25°10	21°57	3° 1	21°35	2°47	11°14	7°14	25°33	2°34	2°31	23°50	n.a.	T 3
F 4	2 33 24	7°28'45	1♈ 0	26°33	23° 5	3°41	21°49	2°52	11°12	7°16	25°32	2°26	2°27	23°57	n.a.	F 4
S 5	2 37 20	8°29'48	14°12	27°53	24°13	4°20	22° 2	2°56	11°10	7°18	25°31	2°15	2°24	24° 4	n.a.	S 5
S 6	2 41 17	9°30'52	27°46	29°12	25°21	5° 0	22°16	3° 1	11° 8	7°20	25°30	2° 2	2°21	24°10	n.a.	S 6
M 7	2 45 14	10°31'56	11♉41	0♐30	26°28	5°39	22°30	3° 5	11° 6	7°22	25°29	1°49	2°18	24°17	n.a.	M 7
T 8	2 49 10	11°33'02	25°52	1°44	27°35	6°19	22°43	3° 9	11° 4	7°24	25°28	1°37	2°15	24°24	n.a.	T 8
W 9	2 53 7	12°34'08	10♊12	2°56	28°43	6°59	22°57	3°13	11° 2	7°27	25°27	1°28	2°11	24°30	n.a.	W 9
T 10	2 57 3	13°35'16	24°37	4° 6	29°50	7°39	23°11	3°17	11° 0	7°29	25°25	1°20	2° 8	24°37	n.a.	T 10
F 11	3 1 0	14°36'24	9♋ 0	5°11	0♑56	8°19	23°24	3°21	10°57	7°31	25°24	1°16	2° 5	24°44	n.a.	F 11
S 12	3 4 56	15°37'34	23°19	6°12	2° 3	8°58	23°38	3°25	10°55	7°33	25°23	1°15	2° 2	24°50	n.a.	S 12
S 13	3 8 53	16°38'44	7♌29	7° 9	3° 9	9°38	23°52	3°28	10°53	7°35	25°22	1°D15	1°59	24°57	n.a.	S 13
M14	3 12 49	17°39'55	21°31	8° 0	4°15	10°18	24° 5	3°32	10°51	7°37	25°21	1°R15	1°56	25° 4	n.a.	M14
T 15	3 16 46	18°41'08	5♍23	8°45	5°21	10°58	24°19	3°35	10°48	7°39	25°20	1°14	1°52	25°10	n.a.	T 15
W16	3 20 43	19°42'21	19° 7	9°23	6°27	11°38	24°33	3°39	10°46	7°42	25°18	1°10	1°49	25°17	n.a.	W16
T 17	3 24 39	20°43'34	2♎41	9°54	7°33	12°19	24°47	3°42	10°44	7°44	25°17	1° 4	1°46	25°24	n.a.	T 17
F 18	3 28 36	21°44'49	16° 5	10°15	8°38	12°59	25° 1	3°45	10°41	7°46	25°16	0°55	1°43	25°30	n.a.	F 18
S 19	3 32 32	22°46'04	29°18	10°27	9°43	13°39	25°14	3°49	10°39	7°48	25°15	0°44	1°40	25°37	n.a.	S 19
S 20	3 36 29	23°47'20	12♏19	10°R28	10°47	14°19	25°28	3°52	10°36	7°50	25°14	0°32	1°36	25°43	n.a.	S 20
M21	3 40 25	24°48'36	25° 7	10°18	11°52	15° 0	25°42	3°55	10°34	7°53	25°12	0°19	1°33	25°50	n.a.	M21
T 22	3 44 22	25°49'53	7♐40	9°57	12°56	15°40	25°56	3°57	10°31	7°55	25°11	0° 8	1°30	25°57	n.a.	T 22
W23	3 48 18	26°51'10	20° 0	9°24	14° 0	16°20	26°10	4° 0	10°29	7°57	25°10	29♑59	1°27	26° 3	n.a.	W23
T 24	3 52 15	27°52'27	2♑ 7	8°39	15° 3	17° 1	26°23	4° 3	10°26	7°59	25° 9	29°52	1°24	26°10	n.a.	T 24
F 25	3 56 12	28°53'44	14° 3	7°43	16° 6	17°41	26°37	4° 5	10°24	8° 2	25° 8	29°48	1°21	26°17	n.a.	F 25
S 26	4 0 8	29°55'01	25°53	6°38	17° 9	18°22	26°51	4° 8	10°21	8° 4	25° 6	29°D47	1°17	26°23	n.a.	S 26
S 27	4 4 5	0♐56'18	7♒39	5°25	18°11	19° 2	27° 5	4°10	10°19	8° 6	25° 5	29°47	1°14	26°30	n.a.	S 27
M28	4 8 1	1°57'35	19°27	4° 7	19°14	19°43	27°19	4°13	10°16	8° 8	25° 4	29°48	1°11	26°37	n.a.	M28
T 29	4 11 58	2°58'51	1♓22	2°46	20°15	20°23	27°32	4°15	10°14	8°11	25° 3	29°R48	1° 8	26°43	n.a.	T 29
W30	4 15 54	4♐ 0'07	13♓30	1♐24	21♑17	21♒ 4	27♏46	4♍17	10♊11	8♐13	25♉ 2	29♑48	1♒ 5	26♑50	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	13s 9	12s 8	1n48	20s50	2s19	26s 3	2s44	21s46	1s47	17s49	0n28	12n31	2n 0	22n31	0n 6	20s36	1n12	12n14	7s22	19s48	19s49	22s26			n.a.
W 2	13 30	6 58	2 45	21 13	2 21	26 9	2 44	21 35	1 46	17 52	0 28	12 30	2 0	22 30	0 6	20 36	1 12	12 14	7 22	19 49	19 50	22 24			n.a.
T 3	13 50	1 25	3 36	21 36	2 22	26 14	2 45	21 24	1 44	17 56	0 28	12 28	2 0	22 30	0 6	20 37	1 12	12 14	7 22	19 50	19 51	22 22			n.a.
F 4	14 11	4n19	4 17	21 56	2 23	26 18	2 45	21 13	1 42	18 0	0 28	12 27	2 0	22 30	0 6	20 37	1 11	12 13	7 22	19 52	19 51	22 20			n.a.
S 5	14 31	10 3	4 46	22 15	2 23	26 22	2 45	21 2	1 40	18 3	0 28	12 25	2 1	22 30	0 6	20 37	1 11	12 13	7 22	19 54	19 52	22 18			n.a.
S 6	14 50	15 27	5 0	22 33	2 23	26 25	2 46	20 51	1 39	18 7	0 28	12 24	2 1	22 29	0 6	20 38	1 11	12 13	7 22	19 57	19 53	22 16			n.a.
M 7	15 10	20 12	4 56	22 49	2 22	26 27	2 46	20 39	1 37	18 11	0 28	12 23	2 1	22 29	0 6	20 38	1 11	12 12	7 22	20 0	19 53	22 14			n.a.
T 8	15 29	23 54	4 34	23 3	2 20	26 28	2 45	20 28	1 35	18 14	0 27	12 21	2 1	22 29	0 6	20 39	1 11	12 12	7 22	20 3	19 54	22 12			n.a.
W 9	15 48	26 8	3 55	23 15	2 17	26 29	2 45	20 16	1 34	18 18	0 27	12 20	2 2	22 28	0 6	20 39	1 11	12 12	7 22	20 5	19 55	22 10			n.a.
T 10	16 7	26 38	3 1	23 25	2 14	26 29	2 45	20 4	1 32	18 21	0 27	12 19	2 2	22 28	0 6	20 39	1 11	12 12	7 22	20 6	19 56	22 8			n.a.
F 11	16 25	25 20	1 55	23 33	2 9	26 28	2 44	19 52	1 30	18 25	0 27	12 18	2 2	22 28	0 6	20 40	1 11	12 11	7 22	20 7	19 56	22 6			n.a.
S 12	16 43	22 23	0 42	23 39	2 4	26 27	2 43	19 40	1 29	18 29	0 27	12 17	2 2	22 27	0 6	20 40	1 11	12 11	7 22	20 8	19 57	22 4			n.a.
S 13	17 1	18 6	0s33	23 42	1 58	26 24	2 43	19 27	1 27	18 32	0 27	12 15	2 3	22 27	0 6	20 40	1 11	12 11	7 22	20 8	19 58	22 2			n.a.
M14	17 19	12 51	1 45	23 44	1 50	26 22	2 42	19 15	1 25	18 36	0 27	12 14	2 3	22 27	0 6	20 41	1 11	12 11	7 22	20 8	19 59	21 59			n.a.
T 15	17 36	7 1	2 51	23 42	1 42	26 18	2 41	19 2	1 24	18 39	0 27	12 13	2 3	22 27	0 6	20 41	1 11	12 10	7 22	20 8	19 59	21 57			n.a.
W16	17 53	0 55	3 45	23 39	1 32	26 14	2 39	18 49	1 22	18 43	0 27	12 12	2 3	22 26	0 6	20 42	1 11	12 10	7 22	20 9	20 0	21 55			n.a.
T 17	18 9	5s 8	4 26	23 32	1 21	26 9	2 38	18 36	1 21	18 46	0 27	12 11	2 4	22 26	0 6	20 42	1 11	12 10	7 22	20 10	20 1	21 53			n.a.
F 18	18 26	10 53	4 52	23 23	1 8	26 3	2 36	18 23	1 19	18 50	0 26	12 10	2 4	22 26	0 6	20 42	1 11	12 10	7 22	20 12	20 1	21 51			n.a.
S 19	18 42	16 3	5 2	23 11	0 54	25 57	2 35	18 10	1 18	18 53	0 26	12 9	2 4	22 25	0 6	20 43	1 11	12 9	7 22	20 14	20 2	21 49			n.a.
S 20	18 57	20 24	4 56	22 56	0 39	25 50	2 33	17 57	1 16	18 56	0 26	12 8	2 4	22 25	0 6	20 43	1 11	12 9	7 22	20 17	20 3	21 47			n.a.
M21	19 12	23 43	4 35	22 38	0 22	25 42	2 31	17 43	1 14	19 0	0 26	12 8	2 5	22 25	0 6	20 43	1 11	12 9	7 22	20 20	20 4	21 45			n.a.
T 22	19 27	25 49	4 1	22 17	0 4	25 34	2 29	17 30	1 13	19 3	0 26	12 7	2 5	22 24	0 6	20 44	1 11	12 9	7 22	20 22	20 4	21 43			n.a.
W23	19 42	26 36	3 16	21 53	0n15	25 25	2 26	17 16	1 11	19 7	0 26	12 6	2 5	22 24	0 6	20 44	1 11	12 9	7 22	20 24	20 5	21 40			n.a.
T 24	19 56	26 5	2 22	21 27	0 35	25 15	2 24	17 2	1 10	19 10	0 26	12 5	2 5	22 23	0 6	20 45	1 11	12 8	7 22	20 26	20 6	21 38			n.a.
F 25	20 10	24 22	1 23	20 58	0 55	25 5	2 21	16 48	1 9	19 13	0 26	12 5	2 6	22 23	0 6	20 45	1 11	12 8	7 22	20 27	20 6	21 36			n.a.
S 26	20 23	21 34	0 21	20 27	1 15	24 54	2 18	16 34	1 7	19 17	0 26	12 4	2 6	22 23	0 6	20 45	1 11	12 8	7 22	20 27	20 7	21 34			n.a.
S 27	20 36	17 54	0n42	19 55	1 35	24 43	2 15	16 20	1 6	19 20	0 26	12 3	2 6	22 22	0 6	20 46	1 11	12 8	7 22	20 27	20 8	21 32			n.a.
M28	20 49	13 32	1 44	19 22	1 54	24 31	2 12	16 6	1 4	19 23	0 25	12 3	2 7	22 22	0 6	20 46	1 11	12 7	7 22	20 27	20 9	21 30			n.a.
T 29	21 1	8 37	2 41	18 50	2 11	24 19	2 9	15 52	1 3	19 27	0 25	12 2	2 7	22 22	0 6	20 46	1 11	12 7	7 21	20 27	20 9	21 28			n.a.
W30	21s13	3s18	3n33	18s18	2n26	24s 6	2s 5	15s37	1s 1	19s30	0n25	12n 2	2n 7	22n21	0n 6	20s47	1n11	12n 7	7s21	20s27	20s10	21s25			n.a.

Julian Day Number = 1605212.5, Delta T = 03h56m40s
Ecliptic obliquity = 23°44'07, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'52, Lahiri = - 8°20'52 Julian Calendar 1 Nov. 319 BCE == Greg. Calendar 27 Oct. 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 319 BCE
geocentric

DECEMBER 319 BCE (-318) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 19 51	5♐ 1'23	25♓56	0°R 5	22♑18	21♒44	28♏ 0	4♍19	10°R 9	8♐15	25°R 1	29°R45	1♒ 2	26♑57	n.a.	T 1
F 2	4 23 48	6° 2'39	8♈44	28♏51	23°18	22°25	28°14	4°21	10♊ 6	8°17	24♉59	29♑41	0°58	27° 3	n.a.	F 2
S 3	4 27 44	7° 3'54	21°59	27°44	24°18	23° 5	28°27	4°22	10° 3	8°20	24°58	29°34	0°55	27°10	n.a.	S 3
S 4	4 31 41	8° 5'09	5♉40	26°44	25°18	23°46	28°41	4°24	10° 1	8°22	24°57	29°26	0°52	27°16	n.a.	S 4
M 5	4 35 37	9° 6'23	19°47	25°55	26°17	24°27	28°55	4°25	9°58	8°24	24°56	29°17	0°49	27°23	n.a.	M 5
T 6	4 39 34	10° 7'38	4♊15	25°15	27°15	25° 7	29° 9	4°27	9°56	8°26	24°55	29° 9	0°46	27°30	n.a.	T 6
W 7	4 43 30	11° 8'52	18°59	24°46	28°13	25°48	29°22	4°28	9°53	8°29	24°54	29° 2	0°42	27°36	n.a.	W 7
T 8	4 47 27	12°10'05	3♋51	24°26	29°11	26°29	29°36	4°29	9°50	8°31	24°52	28°57	0°39	27°43	n.a.	T 8
F 9	4 51 23	13°11'19	18°41	24°16	0♒ 8	27° 9	29°50	4°31	9°48	8°33	24°51	28°55	0°36	27°50	n.a.	F 9
S 10	4 55 20	14°12'32	3♌24	24°D16	1° 4	27°50	0♐ 3	4°32	9°45	8°36	24°50	28°D54	0°33	27°56	n.a.	S 10
S 11	4 59 17	15°13'45	17°53	24°24	2° 0	28°31	0°17	4°32	9°43	8°38	24°49	28°55	0°30	28° 3	n.a.	S 11
M12	5 3 13	16°14'58	2♍ 6	24°39	2°56	29°11	0°30	4°33	9°40	8°40	24°48	28°57	0°27	28°10	n.a.	M12
T 13	5 7 10	17°16'11	16° 1	25° 2	3°50	29°52	0°44	4°34	9°38	8°42	24°47	28°R57	0°23	28°16	n.a.	T 13
W14	5 11 6	18°17'23	29°39	25°31	4°44	0♓33	0°58	4°35	9°35	8°45	24°46	28°57	0°20	28°23	n.a.	W14
T 15	5 15 3	19°18'35	13♎ 1	26° 6	5°37	1°13	1°11	4°35	9°32	8°47	24°45	28°54	0°17	28°30	n.a.	T 15
F 16	5 18 59	20°19'47	26° 7	26°47	6°30	1°54	1°25	4°35	9°30	8°49	24°44	28°50	0°14	28°36	n.a.	F 16
S 17	5 22 56	21°20'58	8♏59	27°32	7°22	2°35	1°38	4°36	9°27	8°51	24°43	28°44	0°11	28°43	n.a.	S 17
S 18	5 26 52	22°22'09	21°39	28°22	8°13	3°15	1°51	4°36	9°25	8°54	24°42	28°37	0° 8	28°50	n.a.	S 18
M19	5 30 49	23°23'20	4♐ 7	29°15	9° 3	3°56	2° 5	4°R36	9°22	8°56	24°41	28°31	0° 4	28°56	n.a.	M19
T 20	5 34 46	24°24'29	16°24	0♐12	9°52	4°37	2°18	4°36	9°20	8°58	24°39	28°25	0° 1	29° 3	n.a.	T 20
W21	5 38 42	25°25'38	28°31	1°12	10°41	5°18	2°31	4°36	9°17	9° 0	24°38	28°20	29♑58	29° 9	n.a.	W21
T 22	5 42 39	26°26'46	10♑30	2°15	11°29	5°58	2°45	4°35	9°15	9° 2	24°37	28°16	29°55	29°16	n.a.	T 22
F 23	5 46 35	27°27'53	22°21	3°20	12°16	6°39	2°58	4°35	9°12	9° 5	24°36	28°15	29°52	29°23	n.a.	F 23
S 24	5 50 32	28°28'59	4♒ 9	4°28	13° 1	7°20	3°11	4°34	9°10	9° 7	24°36	28°D15	29°48	29°29	n.a.	S 24
S 25	5 54 28	29°30'04	15°55	5°37	13°46	8° 1	3°24	4°34	9° 8	9° 9	24°35	28°16	29°45	29°36	n.a.	S 25
M26	5 58 25	0♑31'07	27°43	6°49	14°30	8°41	3°37	4°33	9° 5	9°11	24°34	28°18	29°42	29°43	n.a.	M26
T 27	6 2 22	1°32'10	9♓38	8° 3	15°12	9°22	3°51	4°32	9° 3	9°13	24°33	28°20	29°39	29°49	n.a.	T 27
W28	6 6 18	2°33'11	21°44	9°18	15°54	10° 3	4° 4	4°31	9° 1	9°15	24°32	28°21	29°36	29°56	n.a.	W28
T 29	6 10 15	3°34'10	4♈ 7	10°34	16°34	10°44	4°16	4°30	8°58	9°18	24°31	28°R21	29°33	0♒ 3	n.a.	T 29
F 30	6 14 11	4°35'08	16°50	11°52	17°13	11°24	4°29	4°29	8°56	9°20	24°30	28°21	29°29	0° 9	n.a.	F 30
S 31	6 18 8	5♑36'05	29♈57	13♐12	17♒51	12♓ 5	4♐42	4♍28	8♊54	9♐22	24♉29	28♑19	29♑26	0♒16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21s24	2n16	4n16	17s49	2n40	23s52	2s 2	15s23	1s 0	19s33	0n25	12n 1	2n 7	22n21	0n 6	20s47	1n11	12n 7	7s21	20s27	20s11	21s23			n.a.
F 2	21 35	7 53	4 47	17 22	2 51	23 38	1 58	15 8	0 59	19 36	0 25	12 1	2 8	22 21	0 6	20 48	1 11	12 7	7 21	20 28	20 11	21 21			n.a.
S 3	21 45	13 21	5 4	16 59	3 0	23 23	1 54	14 53	0 57	19 39	0 25	12 0	2 8	22 20	0 6	20 48	1 11	12 6	7 21	20 30	20 12	21 19			n.a.
S 4	21 56	18 21	5 5	16 39	3 6	23 8	1 50	14 38	0 56	19 42	0 25	12 0	2 8	22 20	0 6	20 48	1 11	12 6	7 21	20 31	20 13	21 17			n.a.
M 5	22 5	22 30	4 48	16 24	3 10	22 53	1 45	14 23	0 54	19 46	0 25	12 0	2 8	22 19	0 6	20 49	1 11	12 6	7 21	20 33	20 13	21 15			n.a.
T 6	22 15	25 23	4 12	16 12	3 12	22 37	1 41	14 8	0 53	19 49	0 25	11 59	2 9	22 19	0 6	20 49	1 11	12 6	7 21	20 35	20 14	21 12			n.a.
W 7	22 23	26 34	3 19	16 5	3 12	22 20	1 36	13 53	0 52	19 52	0 25	11 59	2 9	22 19	0 6	20 49	1 11	12 6	7 21	20 36	20 15	21 10			n.a.
T 8	22 32	25 52	2 11	16 2	3 11	22 3	1 31	13 38	0 50	19 55	0 25	11 59	2 9	22 18	0 6	20 50	1 11	12 6	7 21	20 37	20 16	21 8			n.a.
F 9	22 40	23 19	0 55	16 3	3 8	21 46	1 26	13 23	0 49	19 58	0 25	11 59	2 10	22 18	0 6	20 50	1 11	12 5	7 21	20 38	20 16	21 6			n.a.
S 10	22 47	19 15	0s24	16 7	3 3	21 28	1 20	13 7	0 48	20 1	0 24	11 59	2 10	22 18	0 6	20 51	1 11	12 5	7 20	20 38	20 17	21 4			n.a.
S 11	22 54	14 3	1 41	16 14	2 58	21 10	1 15	12 52	0 47	20 4	0 24	11 59	2 10	22 17	0 6	20 51	1 11	12 5	7 20	20 38	20 18	21 1			n.a.
M12	23 1	8 13	2 50	16 23	2 52	20 52	1 9	12 36	0 45	20 7	0 24	11 59	2 10	22 17	0 6	20 51	1 11	12 5	7 20	20 37	20 18	20 59			n.a.
T 13	23 7	2 5	3 48	16 36	2 45	20 33	1 3	12 21	0 44	20 10	0 24	11 59	2 11	22 16	0 6	20 52	1 11	12 5	7 20	20 37	20 19	20 57			n.a.
W14	23 13	4s 0	4 31	16 50	2 37	20 14	0 57	12 5	0 43	20 13	0 24	11 59	2 11	22 16	0 6	20 52	1 11	12 5	7 20	20 37	20 20	20 55			n.a.
T 15	23 18	9 46	4 59	17 6	2 30	19 55	0 51	11 49	0 42	20 16	0 24	11 59	2 11	22 16	0 6	20 52	1 11	12 4	7 20	20 38	20 20	20 52			n.a.
F 16	23 23	15 1	5 10	17 23	2 21	19 35	0 44	11 33	0 40	20 18	0 24	11 59	2 12	22 15	0 6	20 53	1 11	12 4	7 20	20 39	20 21	20 50			n.a.
S 17	23 27	19 29	5 6	17 42	2 13	19 15	0 37	11 17	0 39	20 21	0 24	11 59	2 12	22 15	0 6	20 53	1 11	12 4	7 20	20 40	20 22	20 48			n.a.
S 18	23 31	23 0	4 46	18 2	2 4	18 55	0 30	11 1	0 38	20 24	0 24	11 59	2 12	22 15	0 6	20 53	1 11	12 4	7 20	20 41	20 22	20 46			n.a.
M19	23 34	25 22	4 13	18 22	1 55	18 35	0 23	10 45	0 37	20 27	0 24	12 0	2 12	22 14	0 6	20 54	1 11	12 4	7 19	20 43	20 23	20 44			n.a.
T 20	23 37	26 30	3 29	18 43	1 46	18 15	0 15	10 29	0 35	20 30	0 24	12 0	2 13	22 14	0 6	20 54	1 11	12 4	7 19	20 44	20 24	20 41			n.a.
W21	23 39	26 19	2 36	19 4	1 37	17 54	0 8	10 13	0 34	20 32	0 24	12 0	2 13	22 13	0 6	20 54	1 11	12 4	7 19	20 45	20 24	20 39			n.a.
T 22	23 41	24 54	1 36	19 26	1 28	17 33	0n 0	9 57	0 33	20 35	0 23	12 1	2 13	22 13	0 6	20 55	1 11	12 4	7 19	20 46	20 25	20 37			n.a.
F 23	23 43	22 23	0 32	19 48	1 19	17 12	0 8	9 40	0 32	20 38	0 23	12 1	2 14	22 13	0 6	20 55	1 11	12 3	7 19	20 46	20 26	20 34			n.a.
S 24	23 44	18 56	0n32	20 9	1 10	16 51	0 17	9 24	0 31	20 40	0 23	12 1	2 14	22 12	0 6	20 55	1 11	12 3	7 19	20 46	20 26	20 32			n.a.
S 25	23 44	14 44	1 36	20 31	1 1	16 30	0 25	9 8	0 30	20 43	0 23	12 2	2 14	22 12	0 7	20 56	1 11	12 3	7 19	20 46	20 27	20 30			n.a.
M26	23 44	9 59	2 35	20 52	0 52	16 9	0 34	8 51	0 29	20 45	0 23	12 2	2 14	22 12	0 7	20 56	1 11	12 3	7 18	20 45	20 28	20 28			n.a.
T 27	23 44	4 50	3 28	21 13	0 43	15 48	0 43	8 35	0 27	20 48	0 23	12 3	2 15	22 11	0 7	20 56	1 11	12 3	7 18	20 45	20 29	20 25			n.a.
W28	23 43	0n34	4 13	21 33	0 34	15 26	0 52	8 18	0 26	20 51	0 23	12 4	2 15	22 11	0 7	20 57	1 11	12 3	7 18	20 45	20 29	20 23			n.a.
T 29	23 41	6 3	4 48	21 53	0 25	15 5	1 2	8 1	0 25	20 53	0 23	12 4	2 15	22 11	0 7	20 57	1 11	12 3	7 18	20 45	20 30	20 21			n.a.
F 30	23 39	11 26	5 9	22 13	0 17	14 44	1 11	7 45	0 24	20 56	0 23	12 5	2 15	22 10	0 7	20 57	1 11	12 3	7 18	20 45	20 31	20 19			n.a.
S 31	23s37	16n30	5n15	22s31	0n 9	14s23	1n21	7s28	0s23	20s58	0n23	12n 6	2n16	22n10	0n 7	20s58	1n11	12n 3	7s18	20s45	20s31	20s16			n.a.

Julian Day Number = 1605242.5, Delta T = 03h56m39s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'48, Lahiri = - 8°20'48 Julian Calendar 1 Dec. 319 BCE == Greg. Calendar 26 Nov. 319 BCE

The year -318 astronomical counting style corresponds to year 319 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

JANUARY 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 4	6♑37'00	13♉33	14♐32	18♒27	12♓46	4♐55	4°R26	8°R52	9♐24	24°R28	28°R17	29♑23	0♒23	n.a.	S 1
M 2	6 26 1	7°37'54	27°36	15°54	19° 2	13°26	5° 8	4♍25	8♊49	9°26	24♉27	28♑14	29°20	0°29	n.a.	M 2
T 3	6 29 57	8°38'47	12♊ 6	17°17	19°36	14° 7	5°20	4°23	8°47	9°28	24°27	28°11	29°17	0°36	n.a.	T 3
W 4	6 33 54	9°39'38	26°57	18°41	20° 8	14°48	5°33	4°22	8°45	9°30	24°26	28° 8	29°14	0°43	n.a.	W 4
T 5	6 37 51	10°40'27	12♋ 2	20° 6	20°38	15°28	5°46	4°20	8°43	9°32	24°25	28° 7	29°10	0°49	n.a.	T 5
F 6	6 41 47	11°41'16	27°12	21°32	21° 7	16° 9	5°58	4°18	8°41	9°34	24°24	28°D 6	29° 7	0°56	n.a.	F 6
S 7	6 45 44	12°42'02	12♌18	22°58	21°34	16°50	6°11	4°16	8°39	9°36	24°24	28° 7	29° 4	1° 2	n.a.	S 7
S 8	6 49 40	13°42'48	27°10	24°26	21°59	17°30	6°23	4°14	8°37	9°38	24°23	28° 8	29° 1	1° 9	n.a.	S 8
M 9	6 53 37	14°43'32	11♍44	25°55	22°23	18°11	6°35	4°12	8°35	9°40	24°22	28° 9	28°58	1°16	n.a.	M 9
T 10	6 57 33	15°44'15	25°54	27°25	22°44	18°51	6°48	4°10	8°33	9°42	24°21	28°10	28°54	1°22	n.a.	T 10
W11	7 1 30	16°44'57	9♎40	28°55	23° 4	19°32	7° 0	4° 8	8°31	9°44	24°21	28°10	28°51	1°29	n.a.	W11
T 12	7 5 26	17°45'37	23° 2	0♑26	23°21	20°12	7°12	4° 5	8°29	9°46	24°20	28°R10	28°48	1°36	n.a.	T 12
F 13	7 9 23	18°46'17	6♏ 2	1°59	23°37	20°53	7°24	4° 3	8°27	9°48	24°19	28°10	28°45	1°42	n.a.	F 13
S 14	7 13 20	19°46'55	18°44	3°32	23°51	21°34	7°36	4° 0	8°26	9°49	24°19	28° 9	28°42	1°49	n.a.	S 14
S 15	7 17 16	20°47'31	1♐10	5° 6	24° 2	22°14	7°48	3°57	8°24	9°51	24°18	28° 8	28°39	1°56	n.a.	S 15
M16	7 21 13	21°48'07	13°23	6°41	24°11	22°55	8° 0	3°55	8°22	9°53	24°18	28° 7	28°35	2° 2	n.a.	M16
T 17	7 25 9	22°48'41	25°26	8°16	24°18	23°35	8°12	3°52	8°21	9°55	24°17	28° 6	28°32	2° 9	n.a.	T 17
W18	7 29 6	23°49'13	7♑22	9°53	24°22	24°16	8°23	3°49	8°19	9°57	24°16	28° 6	28°29	2°16	n.a.	W18
T 19	7 33 2	24°49'43	19°13	11°31	24°R24	24°56	8°35	3°46	8°17	9°58	24°16	28° 6	28°26	2°22	n.a.	T 19
F 20	7 36 59	25°50'12	1♒ 1	13° 9	24°23	25°36	8°46	3°43	8°16	10° 0	24°15	28°D 6	28°23	2°29	n.a.	F 20
S 21	7 40 56	26°50'39	12°48	14°48	24°21	26°17	8°58	3°39	8°14	10° 2	24°15	28° 6	28°20	2°36	n.a.	S 21
S 22	7 44 52	27°51'04	24°37	16°29	24°15	26°57	9° 9	3°36	8°13	10° 4	24°15	28°R 6	28°16	2°42	n.a.	S 22
M23	7 48 49	28°51'27	6♓29	18°10	24° 7	27°38	9°21	3°33	8°12	10° 5	24°14	28° 6	28°13	2°49	n.a.	M23
T 24	7 52 45	29°51'48	18°28	19°52	23°57	28°18	9°32	3°29	8°10	10° 7	24°14	28° 5	28°10	2°55	n.a.	T 24
W25	7 56 42	0♒52'07	0♈38	21°35	23°43	28°58	9°43	3°26	8° 9	10° 8	24°13	28° 5	28° 7	3° 2	n.a.	W25
T 26	8 0 38	1°52'24	13° 0	23°20	23°28	29°39	9°54	3°22	8° 8	10°10	24°13	28° 5	28° 4	3° 9	n.a.	T 26
F 27	8 4 35	2°52'39	25°41	25° 5	23°10	0♈19	10° 5	3°19	8° 6	10°12	24°13	28° 5	28° 0	3°15	n.a.	F 27
S 28	8 8 31	3°52'52	8♉42	26°51	22°49	1° 0	10°16	3°15	8° 5	10°13	24°12	28°D 5	27°57	3°22	n.a.	S 28
S 29	8 12 28	4°53'02	22° 7	28°38	22°27	1°40	10°26	3°11	8° 4	10°15	24°12	28° 5	27°54	3°29	n.a.	S 29
M30	8 16 24	5°53'10	5♊58	0♒27	22° 2	2°20	10°37	3° 7	8° 3	10°16	24°12	28° 5	27°51	3°35	n.a.	M30
T 31	8 20 21	6♒53'16	20♊15	2♒16	21♒34	3♈ 0	10♐47	3♍ 4	8♊ 2	10♐18	24♉11	28♑ 6	27♑48	3♒42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s34	20n56	5n 4	22s49	0n 1	14s 2	1n31	7s11	0s22	21s 0	0n23	12n 6	2n16	22n 9	0n 7	20s58	1n11	12n 3	7s18	20s46	20s32	20s14			n.a.
M 2	23 31	24 20	4 35	23 6	0s 7	13 41	1 42	6 55	0 21	21 3	0 23	12 7	2 16	22 9	0 7	20 58	1 11	12 3	7 17	20 46	20 33	20 12			n.a.
T 3	23 27	26 17	3 48	23 22	0 15	13 21	1 52	6 38	0 20	21 5	0 23	12 8	2 17	22 9	0 7	20 59	1 11	12 3	7 17	20 47	20 33	20 9			n.a.
W 4	23 23	26 26	2 44	23 37	0 23	13 0	2 3	6 21	0 19	21 8	0 23	12 9	2 17	22 8	0 7	20 59	1 11	12 3	7 17	20 47	20 34	20 7			n.a.
T 5	23 18	24 38	1 28	23 52	0 30	12 40	2 14	6 4	0 18	21 10	0 22	12 10	2 17	22 8	0 7	20 59	1 11	12 3	7 17	20 48	20 35	20 5			n.a.
F 6	23 13	21 3	0 5	24 5	0 37	12 20	2 26	5 47	0 17	21 12	0 22	12 11	2 17	22 8	0 7	20 59	1 11	12 3	7 17	20 48	20 35	20 2			n.a.
S 7	23 7	16 5	1s18	24 17	0 44	12 1	2 37	5 30	0 16	21 14	0 22	12 12	2 18	22 8	0 7	21 0	1 11	12 3	7 17	20 48	20 36	20 0			n.a.
S 8	23 1	10 11	2 34	24 28	0 51	11 42	2 49	5 13	0 15	21 17	0 22	12 13	2 18	22 7	0 7	21 0	1 11	12 3	7 16	20 47	20 37	19 58			n.a.
M 9	22 55	3 53	3 39	24 37	0 57	11 23	3 1	4 56	0 14	21 19	0 22	12 14	2 18	22 7	0 7	21 0	1 11	12 3	7 16	20 47	20 37	19 55			n.a.
T 10	22 48	2s27	4 29	24 46	1 3	11 4	3 13	4 39	0 13	21 21	0 22	12 15	2 18	22 7	0 7	21 1	1 11	12 3	7 16	20 47	20 38	19 53			n.a.
W11	22 40	8 28	5 1	24 53	1 9	10 46	3 25	4 22	0 12	21 23	0 22	12 16	2 19	22 6	0 7	21 1	1 11	12 3	7 16	20 47	20 39	19 51			n.a.
T 12	22 32	13 56	5 16	24 59	1 15	10 29	3 38	4 5	0 11	21 25	0 22	12 17	2 19	22 6	0 7	21 1	1 11	12 3	7 16	20 47	20 39	19 48			n.a.
F 13	22 24	18 38	5 14	25 4	1 21	10 12	3 50	3 48	0 10	21 27	0 22	12 18	2 19	22 6	0 7	21 1	1 11	12 3	7 15	20 47	20 40	19 46			n.a.
S 14	22 15	22 22	4 57	25 7	1 26	9 55	4 3	3 31	0 9	21 29	0 22	12 19	2 19	22 5	0 7	21 2	1 11	12 3	7 15	20 47	20 41	19 44			n.a.
S 15	22 6	24 59	4 26	25 9	1 31	9 39	4 16	3 14	0 8	21 31	0 22	12 20	2 20	22 5	0 7	21 2	1 11	12 3	7 15	20 47	20 41	19 41			n.a.
M16	21 57	26 23	3 44	25 9	1 35	9 24	4 29	2 57	0 7	21 33	0 22	12 22	2 20	22 5	0 7	21 2	1 11	12 3	7 15	20 48	20 42	19 39			n.a.
T 17	21 47	26 31	2 52	25 8	1 39	9 9	4 42	2 40	0 6	21 35	0 22	12 23	2 20	22 5	0 7	21 2	1 11	12 3	7 15	20 48	20 42	19 37			n.a.
W18	21 36	25 24	1 53	25 5	1 43	8 55	4 55	2 23	0 5	21 37	0 22	12 24	2 20	22 4	0 7	21 3	1 11	12 3	7 15	20 48	20 43	19 34			n.a.
T 19	21 26	23 9	0 49	25 0	1 47	8 42	5 8	2 6	0 4	21 39	0 22	12 26	2 20	22 4	0 7	21 3	1 11	12 3	7 14	20 48	20 44	19 32			n.a.
F 20	21 14	19 55	0n16	24 54	1 50	8 30	5 22	1 49	0 3	21 41	0 21	12 27	2 21	22 4	0 7	21 3	1 11	12 3	7 14	20 48	20 44	19 29			n.a.
S 21	21 3	15 53	1 21	24 47	1 53	8 19	5 35	1 32	0 2	21 43	0 21	12 28	2 21	22 4	0 7	21 3	1 11	12 3	7 14	20 48	20 45	19 27			n.a.
S 22	20 51	11 15	2 22	24 37	1 56	8 8	5 48	1 15	0 2	21 45	0 21	12 30	2 21	22 3	0 7	21 4	1 11	12 3	7 14	20 48	20 46	19 25			n.a.
M23	20 38	6 11	3 18	24 26	1 58	7 58	6 1	0 58	0 1	21 46	0 21	12 31	2 21	22 3	0 7	21 4	1 11	12 3	7 14	20 48	20 46	19 22			n.a.
T 24	20 26	0 52	4 5	24 13	2 0	7 50	6 14	0 41	0n 0	21 48	0 21	12 33	2 22	22 3	0 7	21 4	1 11	12 3	7 13	20 48	20 47	19 20			n.a.
W25	20 13	4n33	4 42	23 58	2 1	7 42	6 26	0 24	0 1	21 50	0 21	12 34	2 22	22 3	0 7	21 4	1 11	12 4	7 13	20 48	20 48	19 17			n.a.
T 26	19 59	9 54	5 7	23 42	2 2	7 36	6 38	0 7	0 2	21 52	0 21	12 36	2 22	22 3	0 7	21 4	1 11	12 4	7 13	20 48	20 48	19 15			n.a.
F 27	19 45	14 58	5 18	23 24	2 3	7 30	6 51	0n10	0 3	21 53	0 21	12 37	2 22	22 2	0 7	21 5	1 11	12 4	7 13	20 48	20 49	19 13			n.a.
S 28	19 31	19 30	5 12	23 3	2 3	7 26	7 2	0 27	0 4	21 55	0 21	12 39	2 22	22 2	0 7	21 5	1 11	12 4	7 13	20 48	20 50	19 10			n.a.
S 29	19 17	23 11	4 50	22 41	2 3	7 22	7 13	0 44	0 4	21 57	0 21	12 40	2 23	22 2	0 7	21 5	1 11	12 4	7 12	20 48	20 50	19 8			n.a.
M30	19 2	25 41	4 11	22 17	2 2	7 20	7 24	1 1	0 5	21 58	0 21	12 42	2 23	22 2	0 7	21 5	1 11	12 4	7 12	20 48	20 51	19 5			n.a.
T 31	18s47	26n37	3n15	21s51	2s 1	7s19	7n34	1n18	0n 6	22s 0	0n21	12n43	2n23	22n 2	0n 7	21s 5	1n11	12n 4	7s12	20s48	20s52	19s 3			n.a.

Julian Day Number = 1605273.5, Delta T = 03h56m38s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'44, Lahiri = - 8°20'43 Julian Calendar 1 Jan. 318 BCE == Greg. Calendar 27 Dec. 319 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

FEBRUARY 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 24 18	7♒53'20	4♋57	4♒ 6	21°R 5	3♈41	10♐58	3°R 0	8°R 1	10♐19	24°R11	28♑ 7	27♑45	3♒49	n.a.	W 1
T 2	8 28 14	8°53'22	19°57	5°58	20♒34	4°21	11° 8	2♍56	8♊ 0	10°20	24♉11	28° 7	27°41	3°55	n.a.	T 2
F 3	8 32 11	9°53'21	5♌ 9	7°50	20° 2	5° 1	11°18	2°52	7°59	10°22	24°11	28°R 8	27°38	4° 2	n.a.	F 3
S 4	8 36 7	10°53'19	20°23	9°44	19°27	5°41	11°29	2°47	7°59	10°23	24°11	28° 7	27°35	4° 9	n.a.	S 4
S 5	8 40 4	11°53'14	5♍29	11°38	18°52	6°21	11°39	2°43	7°58	10°24	24°10	28° 6	27°32	4°15	n.a.	S 5
M 6	8 44 0	12°53'08	20°18	13°33	18°16	7° 1	11°48	2°39	7°57	10°26	24°10	28° 4	27°29	4°22	n.a.	M 6
T 7	8 47 57	13°52'59	4♎45	15°30	17°38	7°42	11°58	2°35	7°57	10°27	24°10	28° 2	27°26	4°29	n.a.	T 7
W 8	8 51 53	14°52'49	18°44	17°27	17° 1	8°22	12° 8	2°31	7°56	10°28	24°10	28° 0	27°22	4°35	n.a.	W 8
T 9	8 55 50	15°52'37	2♏15	19°24	16°23	9° 2	12°17	2°26	7°55	10°29	24°10	27°59	27°19	4°42	n.a.	T 9
F 10	8 59 47	16°52'23	15°20	21°22	15°45	9°42	12°27	2°22	7°55	10°31	24°10	27°D58	27°16	4°48	n.a.	F 10
S 11	9 3 43	17°52'07	28° 1	23°21	15° 7	10°22	12°36	2°17	7°54	10°32	24°D10	27°58	27°13	4°55	n.a.	S 11
S 12	9 7 40	18°51'50	10♐22	25°20	14°30	11° 2	12°45	2°13	7°54	10°33	24°10	28° 0	27°10	5° 2	n.a.	S 12
M13	9 11 36	19°51'31	22°29	27°19	13°53	11°42	12°55	2° 8	7°54	10°34	24°10	28° 1	27° 6	5° 8	n.a.	M13
T 14	9 15 33	20°51'10	4♑25	29°17	13°18	12°22	13° 4	2° 4	7°53	10°35	24°10	28° 3	27° 3	5°15	n.a.	T 14
W15	9 19 29	21°50'47	16°14	1♓16	12°44	13° 2	13°12	1°59	7°53	10°36	24°10	28° 4	27° 0	5°22	n.a.	W15
T 16	9 23 26	22°50'22	28° 1	3°13	12°11	13°42	13°21	1°55	7°53	10°37	24°10	28°R 5	26°57	5°28	n.a.	T 16
F 17	9 27 22	23°49'54	9♒47	5° 9	11°40	14°21	13°30	1°50	7°53	10°38	24°10	28° 4	26°54	5°35	n.a.	F 17
S 18	9 31 19	24°49'25	21°37	7° 4	11°10	15° 1	13°38	1°46	7°53	10°39	24°11	28° 2	26°51	5°42	n.a.	S 18
S 19	9 35 16	25°48'54	3♓31	8°57	10°43	15°41	13°47	1°41	7°D53	10°40	24°11	27°59	26°47	5°48	n.a.	S 19
M20	9 39 12	26°48'20	15°32	10°48	10°17	16°21	13°55	1°36	7°53	10°41	24°11	27°54	26°44	5°55	n.a.	M20
T 21	9 43 9	27°47'44	27°41	12°35	9°54	17° 1	14° 3	1°32	7°53	10°42	24°11	27°49	26°41	6° 2	n.a.	T 21
W22	9 47 5	28°47'06	10♈ 1	14°20	9°33	17°41	14°11	1°27	7°53	10°42	24°11	27°44	26°38	6° 8	n.a.	W22
T 23	9 51 2	29°46'26	22°33	16° 1	9°14	18°20	14°19	1°22	7°53	10°43	24°12	27°39	26°35	6°15	n.a.	T 23
F 24	9 54 58	0♓45'43	5♉18	17°38	8°58	19° 0	14°26	1°18	7°54	10°44	24°12	27°35	26°32	6°21	n.a.	F 24
S 25	9 58 55	1°44'57	18°20	19°11	8°44	19°40	14°34	1°13	7°54	10°45	24°12	27°32	26°28	6°28	n.a.	S 25
S 26	10 2 51	2°44'10	1♊40	20°38	8°32	20°20	14°41	1° 9	7°54	10°45	24°13	27°D32	26°25	6°35	n.a.	S 26
M27	10 6 48	3°43'20	15°21	22° 1	8°23	20°59	14°48	1° 4	7°55	10°46	24°13	27°32	26°22	6°41	n.a.	M27
T 28	10 10 45	4♓42'27	29♊23	23♓18	8♒16	21♈39	14♐56	0♍59	7♊55	10♐47	24♉13	27♑33	26♑19	6♒48	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s31	25n44	2n 5	21s24	1s59	7s19	7n44	1n35	0n 7	22s 1	0n21	12n45	2n23	22n 2	0n 7	21s 6	1n11	12n 4	7s12	20s48	20s52	19s 1		n.a.
T 2	18 15	22 59	0 45	20 54	1 57	7 20	7 53	1 52	0 8	22 3	0 21	12 47	2 23	22 1	0 7	21 6	1 11	12 5	7 12	20 48	20 53	18 58		n.a.
F 3	17 59	18 35	0s39	20 22	1 54	7 23	8 1	2 9	0 8	22 4	0 21	12 48	2 23	22 1	0 7	21 6	1 11	12 5	7 11	20 48	20 53	18 56		n.a.
S 4	17 43	12 58	2 0	19 48	1 51	7 26	8 8	2 26	0 9	22 6	0 21	12 50	2 24	22 1	0 7	21 6	1 11	12 5	7 11	20 48	20 54	18 53		n.a.
S 5	17 26	6 38	3 13	19 13	1 47	7 31	8 15	2 42	0 10	22 7	0 20	12 52	2 24	22 1	0 7	21 6	1 11	12 5	7 11	20 48	20 55	18 51		n.a.
M 6	17 9	0 3	4 11	18 35	1 42	7 36	8 21	2 59	0 11	22 9	0 20	12 53	2 24	22 1	0 7	21 6	1 12	12 5	7 11	20 48	20 55	18 48		n.a.
T 7	16 52	6s21	4 51	17 56	1 37	7 43	8 26	3 16	0 11	22 10	0 20	12 55	2 24	22 1	0 7	21 7	1 12	12 5	7 10	20 49	20 56	18 46		n.a.
W 8	16 34	12 14	5 12	17 15	1 32	7 50	8 29	3 32	0 12	22 11	0 20	12 57	2 24	22 1	0 7	21 7	1 12	12 6	7 10	20 49	20 57	18 43		n.a.
T 9	16 16	17 20	5 16	16 32	1 25	7 58	8 32	3 49	0 13	22 13	0 20	12 58	2 24	22 1	0 7	21 7	1 12	12 6	7 10	20 49	20 57	18 41		n.a.
F 10	15 58	21 26	5 2	15 47	1 18	8 7	8 34	4 6	0 14	22 14	0 20	13 0	2 24	22 1	0 7	21 7	1 12	12 6	7 10	20 49	20 58	18 39		n.a.
S 11	15 40	24 25	4 34	15 1	1 11	8 17	8 35	4 22	0 14	22 15	0 20	13 2	2 25	22 1	0 7	21 7	1 12	12 6	7 10	20 49	20 58	18 36		n.a.
S 12	15 21	26 8	3 54	14 13	1 3	8 28	8 35	4 39	0 15	22 17	0 20	13 4	2 25	22 1	0 7	21 7	1 12	12 6	7 9	20 49	20 59	18 34		n.a.
M13	15 2	26 35	3 4	13 24	0 54	8 39	8 34	4 55	0 16	22 18	0 20	13 5	2 25	22 0	0 7	21 7	1 12	12 7	7 9	20 49	21 0	18 31		n.a.
T 14	14 43	25 47	2 7	12 34	0 45	8 50	8 33	5 12	0 17	22 19	0 20	13 7	2 25	22 0	0 7	21 8	1 12	12 7	7 9	20 48	21 0	18 29		n.a.
W15	14 24	23 48	1 5	11 42	0 35	9 2	8 30	5 28	0 17	22 20	0 20	13 9	2 25	22 0	0 7	21 8	1 12	12 7	7 9	20 48	21 1	18 26		n.a.
T 16	14 4	20 49	0 0	10 50	0 24	9 15	8 26	5 45	0 18	22 21	0 20	13 11	2 25	22 0	0 7	21 8	1 12	12 7	7 9	20 48	21 2	18 24		n.a.
F 17	13 44	16 59	1n 4	9 57	0 13	9 28	8 22	6 1	0 19	22 22	0 20	13 12	2 25	22 0	0 7	21 8	1 12	12 8	7 8	20 48	21 2	18 21		n.a.
S 18	13 24	12 29	2 6	9 3	0 2	9 40	8 17	6 17	0 19	22 24	0 20	13 14	2 25	22 0	0 7	21 8	1 12	12 8	7 8	20 49	21 3	18 19		n.a.
S 19	13 4	7 30	3 3	8 10	0n10	9 53	8 11	6 33	0 20	22 25	0 20	13 16	2 25	22 0	0 7	21 8	1 12	12 8	7 8	20 49	21 3	18 16		n.a.
M20	12 44	2 13	3 52	7 16	0 22	10 7	8 4	6 49	0 21	22 26	0 20	13 18	2 26	22 0	0 7	21 8	1 12	12 8	7 8	20 50	21 4	18 14		n.a.
T 21	12 23	3n12	4 31	6 23	0 34	10 20	7 57	7 6	0 21	22 27	0 19	13 19	2 26	22 0	0 7	21 8	1 12	12 8	7 8	20 51	21 5	18 11		n.a.
W22	12 2	8 34	4 58	5 31	0 47	10 33	7 49	7 22	0 22	22 28	0 19	13 21	2 26	22 0	0 7	21 8	1 12	12 9	7 7	20 52	21 5	18 9		n.a.
T 23	11 41	13 41	5 11	4 40	1 0	10 46	7 41	7 37	0 23	22 29	0 19	13 23	2 26	22 0	0 7	21 9	1 12	12 9	7 7	20 53	21 6	18 6		n.a.
F 24	11 20	18 18	5 10	3 50	1 12	10 58	7 32	7 53	0 23	22 30	0 19	13 25	2 26	22 0	0 7	21 9	1 12	12 9	7 7	20 54	21 7	18 4		n.a.
S 25	10 59	22 10	4 52	3 2	1 25	11 11	7 22	8 9	0 24	22 31	0 19	13 26	2 26	22 1	0 7	21 9	1 12	12 10	7 7	20 55	21 7	18 1		n.a.
S 26	10 38	24 58	4 19	2 16	1 38	11 23	7 13	8 25	0 25	22 32	0 19	13 28	2 26	22 1	0 7	21 9	1 12	12 10	7 6	20 55	21 8	17 59		n.a.
M27	10 16	26 24	3 30	1 32	1 50	11 35	7 3	8 41	0 25	22 32	0 19	13 30	2 26	22 1	0 7	21 9	1 12	12 10	7 6	20 55	21 8	17 56		n.a.
T 28	9s54	26n12	2n28	0s50	2n 2	11s47	6n52	8n56	0n26	22s33	0n19	13n32	2n26	22n 1	0n 7	21s 9	1n12	12n10	7s 6	20s54	21s 9	17s54		n.a.

Julian Day Number = 1605304.5, Delta T = 03h56m37s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'40, Lahiri = - 8°20'39 Julian Calendar 1 Feb. 318 BCE == Greg. Calendar 27 Jan. 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

MARCH 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 14 41	5♓41'33	13♋46	24♓29	8°R12	22♈19	15♐ 3	0°R55	7♊56	10♐47	24♉14	27♑35	26♑16	6♒55	n.a.	W 1
T 2	10 18 38	6°40'35	28°28	25°34	8°D10	22°58	15° 9	0♍50	7°56	10°48	24°14	27°R35	26°12	7° 1	n.a.	T 2
F 3	10 22 34	7°39'36	13♌25	26°33	8♒11	23°38	15°16	0°45	7°57	10°48	24°14	27°34	26° 9	7° 8	n.a.	F 3
S 4	10 26 31	8°38'34	28°29	27°25	8°14	24°17	15°22	0°41	7°57	10°49	24°15	27°32	26° 6	7°15	n.a.	S 4
S 5	10 30 27	9°37'29	13♍31	28°11	8°19	24°57	15°29	0°36	7°58	10°49	24°15	27°27	26° 3	7°21	n.a.	S 5
M 6	10 34 24	10°36'23	28°22	28°50	8°27	25°36	15°35	0°32	7°59	10°50	24°16	27°21	26° 0	7°28	n.a.	M 6
T 7	10 38 20	11°35'14	12♎54	29°22	8°37	26°16	15°41	0°27	8° 0	10°50	24°16	27°14	25°57	7°35	n.a.	T 7
W 8	10 42 17	12°34'04	27° 1	29°47	8°49	26°55	15°47	0°23	8° 1	10°50	24°17	27° 7	25°53	7°41	n.a.	W 8
T 9	10 46 13	13°32'52	10♏40	0♈ 6	9° 3	27°35	15°53	0°18	8° 2	10°51	24°18	27° 1	25°50	7°48	n.a.	T 9
F 10	10 50 10	14°31'38	23°52	0°18	9°19	28°14	15°58	0°14	8° 3	10°51	24°18	26°57	25°47	7°55	n.a.	F 10
S 11	10 54 7	15°30'22	6♐37	0°R23	9°37	28°54	16° 4	0° 9	8° 4	10°51	24°19	26°55	25°44	8° 1	n.a.	S 11
S 12	10 58 3	16°29'04	19° 0	0°22	9°57	29°33	16° 9	0° 5	8° 5	10°52	24°19	26°D55	25°41	8° 8	n.a.	S 12
M13	11 2 0	17°27'45	1♑ 7	0°14	10°18	0♉12	16°14	0° 0	8° 6	10°52	24°20	26°55	25°38	8°15	n.a.	M13
T 14	11 5 56	18°26'24	13° 1	0° 1	10°42	0°52	16°19	29♌56	8° 7	10°52	24°21	26°57	25°34	8°21	n.a.	T 14
W15	11 9 53	19°25'01	24°49	29♓42	11° 7	1°31	16°24	29°52	8° 8	10°52	24°21	26°R57	25°31	8°28	n.a.	W15
T 16	11 13 49	20°23'36	6♒35	29°17	11°34	2°10	16°28	29°48	8°10	10°52	24°22	26°57	25°28	8°34	n.a.	T 16
F 17	11 17 46	21°22'09	18°23	28°49	12° 2	2°50	16°33	29°43	8°11	10°52	24°23	26°54	25°25	8°41	n.a.	F 17
S 18	11 21 42	22°20'41	0♓18	28°16	12°32	3°29	16°37	29°39	8°12	10°R52	24°24	26°49	25°22	8°48	n.a.	S 18
S 19	11 25 39	23°19'10	12°20	27°40	13° 4	4° 8	16°41	29°35	8°14	10°52	24°24	26°42	25°18	8°54	n.a.	S 19
M20	11 29 36	24°17'37	24°33	27° 1	13°37	4°47	16°45	29°31	8°15	10°52	24°25	26°33	25°15	9° 1	n.a.	M20
T 21	11 33 32	25°16'03	6♈57	26°21	14°11	5°27	16°49	29°27	8°17	10°52	24°26	26°22	25°12	9° 8	n.a.	T 21
W22	11 37 29	26°14'26	19°33	25°39	14°46	6° 6	16°52	29°23	8°18	10°52	24°27	26°11	25° 9	9°14	n.a.	W22
T 23	11 41 25	27°12'48	2♉20	24°57	15°23	6°45	16°56	29°20	8°20	10°52	24°28	26° 1	25° 6	9°21	n.a.	T 23
F 24	11 45 22	28°11'07	15°21	24°16	16° 1	7°24	16°59	29°16	8°22	10°52	24°28	25°53	25° 3	9°28	n.a.	F 24
S 25	11 49 18	29° 9'25	28°33	23°36	16°40	8° 3	17° 2	29°12	8°23	10°51	24°29	25°47	24°59	9°34	n.a.	S 25
S 26	11 53 15	0♈ 7'40	11♊59	22°57	17°20	8°42	17° 5	29° 8	8°25	10°51	24°30	25°43	24°56	9°41	n.a.	S 26
M27	11 57 11	1° 5'53	25°38	22°21	18° 1	9°21	17° 7	29° 5	8°27	10°51	24°31	25°D42	24°53	9°48	n.a.	M27
T 28	12 1 8	2° 4'04	9♋32	21°48	18°43	10° 1	17°10	29° 1	8°29	10°51	24°32	25°42	24°50	9°54	n.a.	T 28
W29	12 5 4	3° 2'13	23°41	21°19	19°26	10°40	17°12	28°58	8°31	10°50	24°33	25°R42	24°47	10° 1	n.a.	W29
T 30	12 9 1	4° 0'20	8♌ 4	20°53	20°10	11°19	17°14	28°54	8°33	10°50	24°34	25°41	24°43	10° 8	n.a.	T 30
F 31	12 12 58	4♈58'24	22♌39	20♓32	20♒55	11♉58	17♐16	28♌51	8♊35	10♐50	24♉35	25♑39	24♑40	10♒14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s32	24n15	1n15	0s11	2n13	11s58	6n42	9n12	0n26	22s34	0n19	13n33	2n26	22n 1	0n 7	21s 9	1n12	12n11	7s 6	20s54	21s10	17s51		n.a.
T 2	9 10	20 39	0s 5	0n25	2 24	12 9	6 31	9 27	0 27	22 35	0 19	13 35	2 26	22 1	0 7	21 9	1 12	12 11	7 6	20 54	21 10	17 49		n.a.
F 3	8 48	15 39	1 25	0 58	2 35	12 19	6 20	9 43	0 28	22 36	0 19	13 37	2 26	22 1	0 7	21 9	1 12	12 11	7 5	20 54	21 11	17 46		n.a.
S 4	8 26	9 39	2 40	1 28	2 44	12 29	6 9	9 58	0 28	22 37	0 19	13 38	2 26	22 1	0 7	21 9	1 12	12 12	7 5	20 55	21 11	17 43		n.a.
S 5	8 3	3 8	3 43	1 54	2 53	12 39	5 58	10 13	0 29	22 37	0 19	13 40	2 26	22 1	0 7	21 9	1 12	12 12	7 5	20 56	21 12	17 41		n.a.
M 6	7 41	3s28	4 31	2 17	3 1	12 47	5 47	10 28	0 29	22 38	0 19	13 42	2 26	22 1	0 7	21 9	1 12	12 12	7 5	20 57	21 13	17 38		n.a.
T 7	7 18	9 44	5 0	2 36	3 7	12 56	5 36	10 44	0 30	22 39	0 19	13 43	2 26	22 2	0 7	21 9	1 12	12 13	7 5	20 58	21 13	17 36		n.a.
W 8	6 56	15 20	5 9	2 52	3 13	13 4	5 25	10 59	0 31	22 40	0 19	13 45	2 26	22 2	0 7	21 9	1 12	12 13	7 4	21 0	21 14	17 33		n.a.
T 9	6 33	19 57	5 0	3 3	3 18	13 11	5 13	11 13	0 31	22 40	0 18	13 47	2 26	22 2	0 7	21 9	1 12	12 13	7 4	21 1	21 14	17 31		n.a.
F 10	6 10	23 25	4 36	3 11	3 21	13 17	5 2	11 28	0 32	22 41	0 18	13 48	2 26	22 2	0 7	21 9	1 12	12 14	7 4	21 2	21 15	17 28		n.a.
S 11	5 47	25 36	3 58	3 15	3 23	13 23	4 51	11 43	0 32	22 41	0 18	13 50	2 26	22 2	0 7	21 9	1 12	12 14	7 4	21 2	21 16	17 26		n.a.
S 12	5 24	26 26	3 10	3 15	3 23	13 29	4 40	11 58	0 33	22 42	0 18	13 51	2 26	22 2	0 7	21 9	1 13	12 14	7 4	21 2	21 16	17 23		n.a.
M13	5 1	25 59	2 15	3 11	3 23	13 34	4 29	12 12	0 33	22 43	0 18	13 53	2 26	22 3	0 7	21 9	1 13	12 15	7 3	21 2	21 17	17 20		n.a.
T 14	4 38	24 19	1 15	3 3	3 20	13 38	4 18	12 27	0 34	22 43	0 18	13 54	2 26	22 3	0 7	21 9	1 13	12 15	7 3	21 2	21 17	17 18		n.a.
W15	4 14	21 37	0 12	2 52	3 16	13 41	4 7	12 41	0 34	22 44	0 18	13 56	2 26	22 3	0 7	21 9	1 13	12 15	7 3	21 2	21 18	17 15		n.a.
T 16	3 51	18 1	0n52	2 37	3 11	13 44	3 56	12 55	0 35	22 44	0 18	13 57	2 26	22 3	0 7	21 9	1 13	12 16	7 3	21 2	21 19	17 13		n.a.
F 17	3 28	13 43	1 53	2 20	3 4	13 47	3 46	13 9	0 35	22 45	0 18	13 59	2 26	22 3	0 7	21 9	1 13	12 16	7 3	21 2	21 19	17 10		n.a.
S 18	3 4	8 52	2 49	1 59	2 55	13 48	3 35	13 24	0 36	22 45	0 18	14 0	2 26	22 4	0 7	21 9	1 13	12 16	7 3	21 3	21 20	17 8		n.a.
S 19	2 41	3 39	3 39	1 35	2 46	13 50	3 25	13 38	0 37	22 46	0 18	14 2	2 26	22 4	0 7	21 9	1 13	12 17	7 2	21 4	21 20	17 5		n.a.
M20	2 18	1n45	4 19	1 9	2 34	13 50	3 15	13 51	0 37	22 46	0 18	14 3	2 26	22 4	0 7	21 9	1 13	12 17	7 2	21 6	21 21	17 2		n.a.
T 21	1 54	7 10	4 47	0 42	2 22	13 50	3 5	14 5	0 38	22 47	0 18	14 4	2 26	22 4	0 7	21 9	1 13	12 17	7 2	21 8	21 21	17 0		n.a.
W22	1 31	12 23	5 2	0 13	2 9	13 49	2 55	14 19	0 38	22 47	0 18	14 6	2 26	22 5	0 7	21 9	1 13	12 18	7 2	21 10	21 22	16 57		n.a.
T 23	1 7	17 9	5 2	0s17	1 54	13 48	2 45	14 32	0 39	22 48	0 17	14 7	2 26	22 5	0 7	21 9	1 13	12 18	7 2	21 12	21 23	16 55		n.a.
F 24	0 44	21 12	4 47	0 48	1 39	13 46	2 36	14 46	0 39	22 48	0 17	14 8	2 25	22 5	0 7	21 9	1 13	12 19	7 1	21 14	21 23	16 52		n.a.
S 25	0 20	24 15	4 16	1 18	1 23	13 43	2 26	14 59	0 39	22 48	0 17	14 10	2 25	22 5	0 7	21 9	1 13	12 19	7 1	21 15	21 24	16 49		n.a.
S 26	0n 3	25 59	3 31	1 49	1 7	13 40	2 17	15 12	0 40	22 49	0 17	14 11	2 25	22 6	0 7	21 9	1 13	12 19	7 1	21 16	21 24	16 47		n.a.
M27	0 27	26 13	2 33	2 18	0 50	13 36	2 8	15 26	0 40	22 49	0 17	14 12	2 25	22 6	0 7	21 9	1 13	12 20	7 1	21 16	21 25	16 44		n.a.
T 28	0 50	24 48	1 25	2 47	0 34	13 31	1 59	15 39	0 41	22 49	0 17	14 13	2 25	22 6	0 7	21 9	1 13	12 20	7 1	21 16	21 26	16 42		n.a.
W29	1 13	21 48	0 11	3 13	0 17	13 26	1 50	15 51	0 41	22 50	0 17	14 14	2 25	22 7	0 7	21 9	1 13	12 20	7 1	21 16	21 26	16 39		n.a.
T 30	1 37	17 25	1s 5	3 39	0 1	13 21	1 41	16 4	0 42	22 50	0 17	14 15	2 25	22 7	0 7	21 8	1 13	12 21	7 0	21 16	21 27	16 36		n.a.
F 31	2n 0	11n58	2s18	4s 2	0s15	13s14	1n33	16n17	0n42	22s50	0n17	14n16	2n25	22n 7	0n 7	21s 8	1n13	12n21	7s 0	21s16	21s27	16s34		n.a.

Julian Day Number = 1605332.5, Delta T = 03h56m36s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'36, Lahiri = - 8°20'35 Julian Calendar 1 March 318 BCE == Greg. Calendar 24 Feb. 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

APRIL 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 16 54	5♈56'27	7♍20	20°R15	21♒41	12♉37	17♐18	28°R48	8♊37	10°R49	24♉36	25°R34	24♏37	10♒21	n.a.	S 1
S 2	12 20 51	6°54'27	22° 3	20♓ 3	22°27	13°15	17°19	28♌45	8°39	10♐49	24°37	25♏26	24°34	10°28	n.a.	S 2
M 3	12 24 47	7°52'26	6♎39	19°55	23°15	13°54	17°21	28°42	8°41	10°48	24°38	25°17	24°31	10°34	n.a.	M 3
T 4	12 28 44	8°50'23	21° 2	19°D52	24° 3	14°33	17°22	28°39	8°43	10°48	24°39	25° 6	24°28	10°41	n.a.	T 4
W 5	12 32 40	9°48'18	5♏ 4	19°54	24°52	15°12	17°23	28°36	8°45	10°47	24°40	24°55	24°24	10°47	n.a.	W 5
T 6	12 36 37	10°46'12	18°42	20° 1	25°41	15°51	17°24	28°33	8°48	10°47	24°41	24°45	24°21	10°54	n.a.	T 6
F 7	12 40 33	11°44'05	1♐54	20°12	26°32	16°30	17°24	28°30	8°50	10°46	24°42	24°37	24°18	11° 1	n.a.	F 7
S 8	12 44 30	12°41'56	14°42	20°28	27°23	17° 9	17°25	28°27	8°52	10°45	24°43	24°32	24°15	11° 7	n.a.	S 8
S 9	12 48 27	13°39'46	27° 8	20°49	28°15	17°48	17°25	28°25	8°55	10°45	24°44	24°29	24°12	11°14	n.a.	S 9
M10	12 52 23	14°37'34	9♑16	21°14	29° 7	18°26	17°R25	28°22	8°57	10°44	24°45	24°28	24° 9	11°21	n.a.	M10
T 11	12 56 20	15°35'21	21°12	21°43	29°59	19° 5	17°25	28°20	8°59	10°43	24°47	24°28	24° 5	11°27	n.a.	T 11
W12	13 0 16	16°33'07	3♒ 1	22°16	0♓53	19°44	17°24	28°17	9° 2	10°42	24°48	24°28	24° 2	11°34	n.a.	W12
T 13	13 4 13	17°30'52	14°49	22°53	1°47	20°23	17°24	28°15	9° 4	10°42	24°49	24°27	23°59	11°41	n.a.	T 13
F 14	13 8 9	18°28'35	26°40	23°34	2°42	21° 1	17°23	28°13	9° 7	10°41	24°50	24°23	23°56	11°47	n.a.	F 14
S 15	13 12 6	19°26'17	8♓39	24°19	3°37	21°40	17°22	28°11	9°10	10°40	24°51	24°17	23°53	11°54	n.a.	S 15
S 16	13 16 2	20°23'58	20°50	25° 7	4°32	22°19	17°21	28° 9	9°12	10°39	24°53	24° 9	23°49	12° 1	n.a.	S 16
M17	13 19 59	21°21'37	3♈15	25°59	5°28	22°58	17°20	28° 7	9°15	10°38	24°54	23°58	23°46	12° 7	n.a.	M17
T 18	13 23 56	22°19'15	15°54	26°54	6°25	23°36	17°19	28° 5	9°18	10°37	24°55	23°45	23°43	12°14	n.a.	T 18
W19	13 27 52	23°16'52	28°49	27°52	7°22	24°15	17°17	28° 3	9°20	10°36	24°56	23°32	23°40	12°21	n.a.	W19
T 20	13 31 49	24°14'27	11♉58	28°54	8°19	24°53	17°15	28° 2	9°23	10°35	24°57	23°20	23°37	12°27	n.a.	T 20
F 21	13 35 45	25°12'02	25°19	29°58	9°17	25°32	17°13	28° 0	9°26	10°34	24°59	23° 9	23°34	12°34	n.a.	F 21
S 22	13 39 42	26° 9'34	8♊52	1♈ 6	10°15	26°11	17°11	27°59	9°29	10°33	25° 0	23° 2	23°30	12°41	n.a.	S 22
S 23	13 43 38	27° 7'06	22°33	2°16	11°13	26°49	17° 8	27°58	9°32	10°32	25° 1	22°57	23°27	12°47	n.a.	S 23
M24	13 47 35	28° 4'36	6♋23	3°29	12°12	27°28	17° 6	27°56	9°34	10°31	25° 3	22°55	23°24	12°54	n.a.	M24
T 25	13 51 31	29° 2'04	20°21	4°45	13°11	28° 6	17° 3	27°55	9°37	10°30	25° 4	22°54	23°21	13° 1	n.a.	T 25
W26	13 55 28	29°59'31	4♌25	6° 4	14°11	28°45	17° 0	27°54	9°40	10°29	25° 5	22°54	23°18	13° 7	n.a.	W26
T 27	13 59 25	0♉56'57	18°36	7°25	15°11	29°24	16°57	27°53	9°43	10°28	25° 6	22°53	23°14	13°14	n.a.	T 27
F 28	14 3 21	1°54'21	2♍52	8°49	16°11	0♊ 2	16°54	27°53	9°46	10°27	25° 8	22°51	23°11	13°20	n.a.	F 28
S 29	14 7 18	2°51'43	17°11	10°15	17°12	0°41	16°50	27°52	9°49	10°26	25° 9	22°45	23° 8	13°27	n.a.	S 29
S 30	14 11 14	3♉49'05	1♎28	11♈44	18♓12	1♊19	16♐47	27♌51	9♊52	10♐24	25♉10	22♏38	23♏ 5	13♒34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n23	5n48	3s22	4s23	0s31	13s 7	1n24	16n29	0n43	22s50	0n17	14n18	2n25	22n 8	0n 7	21s 8	1n13	12n22	7s 0	21s17	21s28	16s31		n.a.
S 2	2 46	0s40	4 13	4 42	0 46	13 0	1 16	16 42	0 43	22 51	0 17	14 19	2 25	22 8	0 7	21 8	1 13	12 22	7 0	21 19	21 28	16 29		n.a.
M 3	3 10	7 3	4 46	4 58	1 1	12 52	1 8	16 54	0 44	22 51	0 17	14 20	2 24	22 8	0 7	21 8	1 13	12 22	7 0	21 21	21 29	16 26		n.a.
T 4	3 33	12 56	5 1	5 12	1 14	12 43	1 0	17 6	0 44	22 51	0 17	14 20	2 24	22 9	0 7	21 8	1 13	12 23	7 0	21 23	21 30	16 23		n.a.
W 5	3 56	18 1	4 57	5 23	1 27	12 34	0 53	17 18	0 44	22 51	0 16	14 21	2 24	22 9	0 7	21 8	1 13	12 23	6 59	21 25	21 30	16 21		n.a.
T 6	4 19	22 1	4 36	5 32	1 40	12 24	0 45	17 30	0 45	22 51	0 16	14 22	2 24	22 9	0 7	21 8	1 13	12 24	6 59	21 26	21 31	16 18		n.a.
F 7	4 42	24 44	4 1	5 38	1 51	12 14	0 38	17 42	0 45	22 52	0 16	14 23	2 24	22 10	0 7	21 8	1 13	12 24	6 59	21 28	21 31	16 15		n.a.
S 8	5 5	26 4	3 14	5 41	2 2	12 3	0 31	17 54	0 46	22 52	0 16	14 24	2 24	22 10	0 7	21 8	1 13	12 24	6 59	21 29	21 32	16 13		n.a.
S 9	5 27	26 2	2 20	5 42	2 12	11 52	0 24	18 5	0 46	22 52	0 16	14 25	2 24	22 10	0 7	21 7	1 13	12 25	6 59	21 29	21 32	16 10		n.a.
M10	5 50	24 44	1 20	5 40	2 21	11 40	0 17	18 16	0 47	22 52	0 16	14 26	2 24	22 11	0 7	21 7	1 13	12 25	6 59	21 29	21 33	16 7		n.a.
T 11	6 13	22 20	0 17	5 36	2 29	11 27	0 10	18 28	0 47	22 52	0 16	14 26	2 23	22 11	0 7	21 7	1 13	12 26	6 58	21 29	21 34	16 5		n.a.
W12	6 35	19 0	0n45	5 30	2 36	11 14	0 4	18 39	0 47	22 52	0 16	14 27	2 23	22 12	0 7	21 7	1 13	12 26	6 58	21 29	21 34	16 2		n.a.
T 13	6 57	14 55	1 46	5 21	2 43	11 1	0s 3	18 50	0 48	22 52	0 16	14 28	2 23	22 12	0 7	21 7	1 13	12 27	6 58	21 30	21 35	15 59		n.a.
F 14	7 20	10 15	2 42	5 9	2 48	10 47	0 9	19 0	0 48	22 52	0 16	14 28	2 23	22 12	0 7	21 7	1 13	12 27	6 58	21 30	21 35	15 57		n.a.
S 15	7 42	5 10	3 31	4 56	2 53	10 32	0 15	19 11	0 49	22 52	0 16	14 29	2 23	22 13	0 7	21 7	1 13	12 27	6 58	21 31	21 36	15 54		n.a.
S 16	8 4	0n10	4 12	4 40	2 57	10 17	0 21	19 22	0 49	22 52	0 15	14 29	2 23	22 13	0 7	21 6	1 13	12 28	6 58	21 33	21 36	15 51		n.a.
M17	8 26	5 36	4 41	4 22	3 1	10 2	0 27	19 32	0 49	22 52	0 15	14 30	2 23	22 14	0 7	21 6	1 14	12 28	6 58	21 35	21 37	15 49		n.a.
T 18	8 48	10 54	4 57	4 2	3 3	9 46	0 32	19 42	0 50	22 52	0 15	14 30	2 22	22 14	0 7	21 6	1 14	12 29	6 57	21 37	21 37	15 46		n.a.
W19	9 9	15 50	4 59	3 41	3 5	9 30	0 38	19 52	0 50	22 52	0 15	14 31	2 22	22 14	0 7	21 6	1 14	12 29	6 57	21 39	21 38	15 43		n.a.
T 20	9 31	20 7	4 45	3 17	3 6	9 13	0 43	20 2	0 50	22 52	0 15	14 31	2 22	22 15	0 7	21 6	1 14	12 29	6 57	21 41	21 39	15 41		n.a.
F 21	9 52	23 27	4 15	2 51	3 6	8 56	0 48	20 12	0 51	22 52	0 15	14 32	2 22	22 15	0 7	21 6	1 14	12 30	6 57	21 43	21 39	15 38		n.a.
S 22	10 13	25 31	3 30	2 24	3 6	8 38	0 53	20 22	0 51	22 52	0 15	14 32	2 22	22 16	0 7	21 6	1 14	12 30	6 57	21 45	21 40	15 35		n.a.
S 23	10 34	26 4	2 33	1 54	3 5	8 20	0 58	20 31	0 51	22 52	0 15	14 32	2 22	22 16	0 7	21 5	1 14	12 31	6 57	21 45	21 40	15 33		n.a.
M24	10 55	25 1	1 26	1 24	3 3	8 2	1 3	20 41	0 52	22 51	0 15	14 33	2 21	22 17	0 7	21 5	1 14	12 31	6 57	21 46	21 41	15 30		n.a.
T 25	11 16	22 24	0 14	0 51	3 1	7 43	1 7	20 50	0 52	22 51	0 15	14 33	2 21	22 17	0 7	21 5	1 14	12 32	6 57	21 46	21 41	15 27		n.a.
W26	11 36	18 25	1s 1	0 17	2 58	7 24	1 11	20 59	0 52	22 51	0 14	14 33	2 21	22 17	0 7	21 5	1 14	12 32	6 57	21 46	21 42	15 25		n.a.
T 27	11 57	13 21	2 12	0n19	2 54	7 4	1 16	21 8	0 53	22 51	0 14	14 33	2 21	22 18	0 7	21 5	1 14	12 32	6 56	21 46	21 42	15 22		n.a.
F 28	12 17	7 33	3 15	0 57	2 50	6 44	1 20	21 16	0 53	22 51	0 14	14 33	2 21	22 18	0 7	21 4	1 14	12 33	6 56	21 46	21 43	15 19		n.a.
S 29	12 37	1 22	4 6	1 35	2 45	6 24	1 24	21 25	0 53	22 50	0 14	14 33	2 20	22 19	0 7	21 4	1 14	12 33	6 56	21 47	21 43	15 16		n.a.
S 30	12n57	4s53	4s41	2n15	2s39	6s 4	1s28	21n33	0n54	22s50	0n14	14n33	2n20	22n19	0n 7	21s 4	1n14	12n34	6s56	21s49	21s44	15s14		n.a.

Julian Day Number = 1605363.5, Delta T = 03h56m35s
Ecliptic obliquity = 23°44'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'32, Lahiri = - 8°20'31 Julian Calendar 1 Apr. 318 BCE == Greg. Calendar 27 March 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

MAY 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 15 11	4♉46'25	15♎39	13♈16	19♓14	1♊58	16°R43	27°R51	9♊55	10°R23	25♉12	22°R28	23♑ 2	13♒40	n.a.	M 1
T 2	14 19 7	5°43'44	29°40	14°50	20°15	2°36	16♐39	27♌50	9°59	10♐22	25°13	22♑16	22°59	13°47	n.a.	T 2
W 3	14 23 4	6°41'02	13♏25	16°27	21°17	3°14	16°35	27°50	10° 2	10°21	25°15	22° 5	22°55	13°54	n.a.	W 3
T 4	14 27 0	7°38'20	26°50	18° 6	22°19	3°53	16°30	27°50	10° 5	10°20	25°16	21°55	22°52	14° 0	n.a.	T 4
F 5	14 30 57	8°35'36	9♐54	19°47	23°21	4°31	16°26	27°50	10° 8	10°18	25°17	21°47	22°49	14° 7	n.a.	F 5
S 6	14 34 54	9°32'52	22°38	21°32	24°23	5°10	16°21	27°D50	10°11	10°17	25°19	21°41	22°46	14°14	n.a.	S 6
S 7	14 38 50	10°30'07	5♑ 2	23°18	25°26	5°48	16°17	27°50	10°14	10°16	25°20	21°38	22°43	14°20	n.a.	S 7
M 8	14 42 47	11°27'22	17°10	25° 7	26°29	6°26	16°12	27°50	10°18	10°14	25°21	21°D36	22°40	14°27	n.a.	M 8
T 9	14 46 43	12°24'36	29° 7	26°59	27°32	7° 5	16° 7	27°50	10°21	10°13	25°23	21°36	22°36	14°34	n.a.	T 9
W10	14 50 40	13°21'50	10♒57	28°53	28°36	7°43	16° 1	27°50	10°24	10°11	25°24	21°R37	22°33	14°40	n.a.	W10
T 11	14 54 36	14°19'03	22°46	0♉49	29°40	8°21	15°56	27°51	10°28	10°10	25°26	21°37	22°30	14°47	n.a.	T 11
F 12	14 58 33	15°16'16	4♓40	2°47	0♈43	9° 0	15°50	27°51	10°31	10° 9	25°27	21°35	22°27	14°54	n.a.	F 12
S 13	15 2 29	16°13'28	16°43	4°48	1°48	9°38	15°45	27°52	10°34	10° 7	25°29	21°31	22°24	15° 0	n.a.	S 13
S 14	15 6 26	17°10'40	28°59	6°50	2°52	10°16	15°39	27°53	10°38	10° 6	25°30	21°24	22°20	15° 7	n.a.	S 14
M15	15 10 23	18° 7'52	11♈33	8°54	3°56	10°55	15°33	27°54	10°41	10° 4	25°31	21°16	22°17	15°14	n.a.	M15
T 16	15 14 19	19° 5'03	24°25	11° 1	5° 1	11°33	15°27	27°55	10°44	10° 3	25°33	21° 6	22°14	15°20	n.a.	T 16
W17	15 18 16	20° 2'14	7♉36	13° 8	6° 6	12°11	15°21	27°56	10°48	10° 1	25°34	20°56	22°11	15°27	n.a.	W17
T 18	15 22 12	20°59'25	21° 5	15°17	7°11	12°50	15°15	27°57	10°51	10° 0	25°36	20°46	22° 8	15°34	n.a.	T 18
F 19	15 26 9	21°56'35	4♊50	17°27	8°16	13°28	15° 8	27°58	10°55	9°58	25°37	20°38	22° 5	15°40	n.a.	F 19
S 20	15 30 5	22°53'45	18°46	19°37	9°22	14° 6	15° 2	28° 0	10°58	9°57	25°39	20°32	22° 1	15°47	n.a.	S 20
S 21	15 34 2	23°50'54	2♋52	21°48	10°27	14°44	14°55	28° 1	11° 2	9°55	25°40	20°28	21°58	15°54	n.a.	S 21
M22	15 37 58	24°48'03	17° 2	24° 0	11°33	15°23	14°48	28° 3	11° 5	9°54	25°41	20°D27	21°55	16° 0	n.a.	M22
T 23	15 41 55	25°45'11	1♌14	26°11	12°39	16° 1	14°42	28° 4	11° 9	9°52	25°43	20°27	21°52	16° 7	n.a.	T 23
W24	15 45 52	26°42'18	15°26	28°22	13°45	16°39	14°35	28° 6	11°12	9°51	25°44	20°28	21°49	16°14	n.a.	W24
T 25	15 49 48	27°39'25	29°35	0♊32	14°51	17°17	14°28	28° 8	11°16	9°49	25°46	20°R28	21°46	16°20	n.a.	T 25
F 26	15 53 45	28°36'32	13♍42	2°42	15°57	17°56	14°21	28°10	11°19	9°47	25°47	20°27	21°42	16°27	n.a.	F 26
S 27	15 57 41	29°33'37	27°43	4°50	17° 4	18°34	14°13	28°12	11°23	9°46	25°49	20°24	21°39	16°34	n.a.	S 27
S 28	16 1 38	0♊30'43	11♎38	6°57	18°10	19°12	14° 6	28°14	11°27	9°44	25°50	20°19	21°36	16°40	n.a.	S 28
M29	16 5 34	1°27'48	25°24	9° 3	19°17	19°50	13°59	28°16	11°30	9°43	25°51	20°13	21°33	16°47	n.a.	M29
T 30	16 9 31	2°24'53	8♏58	11° 8	20°24	20°28	13°51	28°19	11°34	9°41	25°53	20° 5	21°30	16°53	n.a.	T 30
W31	16 13 28	3♊21'58	22♏19	13♊10	21♈31	21♊ 6	13♐44	28♌21	11♊37	9♐40	25♉54	19♑57	21♑26	17♒ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n16	10s49	4s59	2n57	2s33	5s43	1s31	21n42	0n54	22s50	0n14	14n33	2n20	22n20	0n 7	21s 4	1n14	12n34	6s56	21s50	21s45	15s11			n.a.
T 2	13 36	16 8	4 59	3 40	2 27	5 21	1 35	21 50	0 54	22 50	0 14	14 33	2 20	22 20	0 7	21 4	1 14	12 34	6 56	21 52	21 45	15 8			n.a.
W 3	13 55	20 31	4 41	4 24	2 19	5 0	1 38	21 57	0 55	22 49	0 14	14 33	2 20	22 21	0 7	21 3	1 14	12 35	6 56	21 54	21 46	15 6			n.a.
T 4	14 14	23 42	4 8	5 9	2 12	4 38	1 41	22 5	0 55	22 49	0 14	14 33	2 20	22 21	0 7	21 3	1 14	12 35	6 56	21 56	21 46	15 3			n.a.
F 5	14 32	25 33	3 22	5 56	2 4	4 16	1 44	22 13	0 55	22 49	0 13	14 33	2 19	22 22	0 7	21 3	1 14	12 36	6 56	21 57	21 47	15 0			n.a.
S 6	14 51	25 59	2 28	6 43	1 55	3 54	1 47	22 20	0 56	22 48	0 13	14 33	2 19	22 22	0 7	21 3	1 14	12 36	6 55	21 58	21 47	14 58			n.a.
S 7	15 9	25 5	1 27	7 31	1 46	3 31	1 50	22 27	0 56	22 48	0 13	14 33	2 19	22 23	0 7	21 3	1 14	12 37	6 55	21 58	21 48	14 55			n.a.
M 8	15 27	23 0	0 24	8 20	1 37	3 8	1 53	22 34	0 56	22 48	0 13	14 32	2 19	22 23	0 7	21 2	1 14	12 37	6 55	21 59	21 48	14 52			n.a.
T 9	15 45	19 56	0n40	9 10	1 27	2 45	1 56	22 41	0 57	22 47	0 13	14 32	2 19	22 24	0 7	21 2	1 14	12 37	6 55	21 59	21 49	14 49			n.a.
W10	16 3	16 5	1 41	10 1	1 17	2 22	1 58	22 48	0 57	22 47	0 13	14 32	2 18	22 24	0 7	21 2	1 14	12 38	6 55	21 58	21 49	14 47			n.a.
T 11	16 20	11 36	2 38	10 52	1 7	1 58	2 0	22 55	0 57	22 46	0 13	14 32	2 18	22 25	0 7	21 2	1 14	12 38	6 55	21 59	21 50	14 44			n.a.
F 12	16 37	6 41	3 28	11 43	0 56	1 35	2 2	23 1	0 57	22 46	0 13	14 31	2 18	22 25	0 7	21 2	1 14	12 39	6 55	21 59	21 50	14 41			n.a.
S 13	16 54	1 28	4 10	12 34	0 45	1 11	2 4	23 7	0 58	22 45	0 12	14 31	2 18	22 26	0 7	21 1	1 14	12 39	6 55	21 59	21 51	14 38			n.a.
S 14	17 10	3n53	4 41	13 25	0 34	0 47	2 6	23 13	0 58	22 45	0 12	14 30	2 18	22 26	0 7	21 1	1 14	12 39	6 55	22 0	21 51	14 36			n.a.
M15	17 26	9 12	5 0	14 16	0 23	0 22	2 8	23 19	0 58	22 44	0 12	14 30	2 17	22 27	0 7	21 1	1 14	12 40	6 55	22 2	21 52	14 33			n.a.
T 16	17 42	14 16	5 3	15 7	0 12	0n 2	2 10	23 25	0 59	22 44	0 12	14 29	2 17	22 27	0 7	21 1	1 14	12 40	6 55	22 3	21 52	14 30			n.a.
W17	17 58	18 48	4 51	15 57	0 2	0 27	2 11	23 30	0 59	22 43	0 12	14 29	2 17	22 28	0 7	21 1	1 14	12 41	6 55	22 5	21 53	14 27			n.a.
T 18	18 14	22 28	4 23	16 46	0n 9	0 51	2 13	23 36	0 59	22 43	0 12	14 28	2 17	22 28	0 7	21 0	1 14	12 41	6 55	22 6	21 53	14 25			n.a.
F 19	18 29	24 57	3 39	17 34	0 20	1 16	2 14	23 41	0 59	22 42	0 12	14 28	2 17	22 29	0 7	21 0	1 14	12 41	6 55	22 8	21 54	14 22			n.a.
S 20	18 43	25 56	2 41	18 20	0 30	1 41	2 15	23 46	1 0	22 41	0 12	14 27	2 17	22 29	0 7	21 0	1 14	12 42	6 54	22 9	21 55	14 19			n.a.
S 21	18 58	25 15	1 33	19 5	0 40	2 6	2 16	23 50	1 0	22 41	0 11	14 26	2 16	22 30	0 7	21 0	1 14	12 42	6 54	22 9	21 55	14 16			n.a.
M22	19 12	22 56	0 18	19 48	0 49	2 31	2 17	23 55	1 0	22 40	0 11	14 25	2 16	22 30	0 7	20 59	1 14	12 42	6 54	22 9	21 56	14 14			n.a.
T 23	19 26	19 12	0s58	20 29	0 58	2 56	2 18	23 59	1 0	22 40	0 11	14 25	2 16	22 31	0 7	20 59	1 14	12 43	6 54	22 9	21 56	14 11			n.a.
W24	19 40	14 20	2 10	21 8	1 7	3 22	2 19	24 4	1 1	22 39	0 11	14 24	2 16	22 31	0 7	20 59	1 14	12 43	6 54	22 9	21 57	14 8			n.a.
T 25	19 53	8 43	3 14	21 44	1 15	3 47	2 19	24 8	1 1	22 38	0 11	14 23	2 16	22 32	0 7	20 59	1 14	12 44	6 54	22 9	21 57	14 5			n.a.
F 26	20 6	2 42	4 7	22 18	1 22	4 12	2 20	24 11	1 1	22 38	0 11	14 22	2 15	22 32	0 7	20 58	1 14	12 44	6 54	22 9	21 58	14 3			n.a.
S 27	20 18	3s25	4 44	22 49	1 29	4 38	2 20	24 15	1 1	22 37	0 11	14 21	2 15	22 33	0 7	20 58	1 14	12 44	6 54	22 10	21 58	14 0			n.a.
S 28	20 31	9 18	5 4	23 18	1 35	5 3	2 20	24 19	1 1	22 36	0 10	14 20	2 15	22 33	0 7	20 58	1 14	12 45	6 54	22 11	21 59	13 57			n.a.
M29	20 42	14 40	5 6	23 44	1 40	5 28	2 21	24 22	1 2	22 35	0 10	14 19	2 15	22 34	0 7	20 58	1 14	12 45	6 54	22 12	21 59	13 54			n.a.
T 30	20 54	19 15	4 51	24 7	1 45	5 54	2 21	24 25	1 2	22 35	0 10	14 18	2 15	22 34	0 7	20 58	1 14	12 45	6 54	22 13	22 0	13 52			n.a.
W31	21n 5	22s45	4s20	24n27	1n48	6n19	2s21	24n28	1n 2	22s34	0n10	14n17	2n14	22n35	0n 7	20s57	1n14	12n46	6s54	22s14	22s 0	13s49			n.a.

Julian Day Number = 1605393.5, Delta T = 03h56m34s
Ecliptic obliquity = 23°44'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'27, Lahiri = - 8°20'27 Julian Calendar 1 May 318 BCE == Greg. Calendar 26 Apr. 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

JUNE 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 17 24	4♊19'03	5♐24	15♊11	22♈38	21♊45	13°R37	28♌24	11♊41	9°R38	25♉56	19°R50	21♑23	17♒ 7	n.a.	T 1
F 2	16 21 21	5°16'08	18°13	17°10	23°45	22°23	13♐29	28°26	11°44	9♐36	25°57	19♑45	21°20	17°13	n.a.	F 2
S 3	16 25 17	6°13'13	0♑46	19° 8	24°53	23° 1	13°22	28°29	11°48	9°35	25°59	19°41	21°17	17°20	n.a.	S 3
S 4	16 29 14	7°10'18	13° 3	21° 3	26° 0	23°39	13°14	28°32	11°52	9°33	26° 0	19°39	21°14	17°27	n.a.	S 4
M 5	16 33 10	8° 7'24	25° 7	22°56	27° 8	24°17	13° 6	28°35	11°55	9°31	26° 1	19°D39	21°11	17°33	n.a.	M 5
T 6	16 37 7	9° 4'30	7♒ 3	24°48	28°16	24°55	12°59	28°38	11°59	9°30	26° 3	19°40	21° 7	17°40	n.a.	T 6
W 7	16 41 3	10° 1'36	18°53	26°37	29°24	25°34	12°51	28°41	12° 3	9°28	26° 4	19°42	21° 4	17°47	n.a.	W 7
T 8	16 45 0	10°58'43	0♓43	28°25	0♉32	26°12	12°43	28°44	12° 6	9°27	26° 6	19°43	21° 1	17°53	n.a.	T 8
F 9	16 48 57	11°55'50	12°37	0♋10	1°40	26°50	12°36	28°47	12°10	9°25	26° 7	19°R44	20°58	18° 0	n.a.	F 9
S 10	16 52 53	12°52'58	24°41	1°54	2°48	27°28	12°28	28°50	12°13	9°23	26° 8	19°43	20°55	18° 7	n.a.	S 10
S 11	16 56 50	13°50'06	6♈59	3°36	3°57	28° 6	12°20	28°54	12°17	9°22	26°10	19°41	20°52	18°13	n.a.	S 11
M12	17 0 46	14°47'15	19°35	5°15	5° 5	28°44	12°12	28°57	12°21	9°20	26°11	19°37	20°48	18°20	n.a.	M12
T 13	17 4 43	15°44'25	2♉33	6°53	6°14	29°22	12° 5	29° 1	12°24	9°19	26°12	19°32	20°45	18°27	n.a.	T 13
W14	17 8 39	16°41'35	15°53	8°29	7°22	0♋ 0	11°57	29° 4	12°28	9°17	26°14	19°27	20°42	18°33	n.a.	W14
T 15	17 12 36	17°38'46	29°36	10° 2	8°31	0°39	11°49	29° 8	12°31	9°15	26°15	19°22	20°39	18°40	n.a.	T 15
F 16	17 16 32	18°35'58	13♊39	11°34	9°40	1°17	11°42	29°12	12°35	9°14	26°17	19°18	20°36	18°47	n.a.	F 16
S 17	17 20 29	19°33'10	27°59	13° 4	10°49	1°55	11°34	29°16	12°39	9°12	26°18	19°16	20°32	18°53	n.a.	S 17
S 18	17 24 26	20°30'23	12♋29	14°31	11°58	2°33	11°27	29°20	12°42	9°11	26°19	19°D14	20°29	19° 0	n.a.	S 18
M19	17 28 22	21°27'36	27° 4	15°57	13° 7	3°11	11°19	29°24	12°46	9° 9	26°21	19°14	20°26	19° 7	n.a.	M19
T 20	17 32 19	22°24'50	11♌39	17°20	14°17	3°49	11°12	29°28	12°49	9° 7	26°22	19°15	20°23	19°13	n.a.	T 20
W21	17 36 15	23°22'04	26° 8	18°42	15°26	4°27	11° 4	29°32	12°53	9° 6	26°23	19°17	20°20	19°20	n.a.	W21
T 22	17 40 12	24°19'19	10♍27	20° 1	16°36	5° 5	10°57	29°37	12°57	9° 4	26°24	19°18	20°17	19°27	n.a.	T 22
F 23	17 44 8	25°16'33	24°35	21°18	17°45	5°44	10°50	29°41	13° 0	9° 3	26°26	19°R18	20°13	19°33	n.a.	F 23
S 24	17 48 5	26°13'49	8♎29	22°33	18°55	6°22	10°42	29°45	13° 4	9° 1	26°27	19°18	20°10	19°40	n.a.	S 24
S 25	17 52 2	27°11'04	22° 9	23°45	20° 4	7° 0	10°35	29°50	13° 7	9° 0	26°28	19°16	20° 7	19°47	n.a.	S 25
M26	17 55 58	28° 8'21	5♏35	24°55	21°14	7°38	10°28	29°54	13°11	8°58	26°30	19°14	20° 4	19°53	n.a.	M26
T 27	17 59 55	29° 5'38	18°47	26° 3	22°24	8°16	10°21	29°59	13°14	8°57	26°31	19°11	20° 1	20° 0	n.a.	T 27
W28	18 3 51	0♋ 2'55	1♐44	27° 8	23°34	8°54	10°14	0♍ 4	13°18	8°55	26°32	19° 8	19°58	20° 7	n.a.	W28
T 29	18 7 48	1° 0'14	14°28	28°10	24°44	9°32	10° 8	0° 9	13°21	8°54	26°33	19° 6	19°54	20°13	n.a.	T 29
F 30	18 11 44	1♋57'34	26♐58	29♋10	25♉54	10♋10	10♐ 1	0♍14	13♊25	8♐52	26♉34	19♑ 4	19♑51	20♒20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n16	25s 1	3s36	24n45	1n52	6n45	2s20	24n31	1n 2	22s33	0n10	14n16	2n14	22n35	0n 7	20s57	1n14	12n46	6s54	22s15	22s 1	13s46		n.a.
F 2	21 27	25 53	2 42	25 0	1 54	7 10	2 20	24 33	1 3	22 32	0 10	14 15	2 14	22 36	0 7	20 57	1 14	12 46	6 54	22 16	22 1	13 43		n.a.
S 3	21 37	25 25	1 41	25 12	1 56	7 35	2 20	24 36	1 3	22 32	0 9	14 14	2 14	22 36	0 7	20 57	1 14	12 47	6 54	22 16	22 2	13 40		n.a.
S 4	21 47	23 41	0 36	25 22	1 57	8 0	2 19	24 38	1 3	22 31	0 9	14 13	2 14	22 37	0 7	20 56	1 14	12 47	6 54	22 16	22 2	13 38		n.a.
M 5	21 56	20 53	0n30	25 30	1 57	8 25	2 19	24 40	1 3	22 30	0 9	14 12	2 14	22 37	0 7	20 56	1 14	12 48	6 54	22 16	22 3	13 35		n.a.
T 6	22 5	17 14	1 33	25 35	1 57	8 50	2 18	24 41	1 3	22 29	0 9	14 11	2 13	22 38	0 7	20 56	1 14	12 48	6 54	22 16	22 3	13 32		n.a.
W 7	22 14	12 56	2 32	25 38	1 56	9 15	2 17	24 43	1 4	22 28	0 9	14 9	2 13	22 38	0 7	20 56	1 14	12 48	6 54	22 16	22 4	13 29		n.a.
T 8	22 22	8 10	3 25	25 38	1 55	9 40	2 16	24 44	1 4	22 27	0 9	14 8	2 13	22 39	0 7	20 55	1 14	12 49	6 54	22 16	22 4	13 26		n.a.
F 9	22 30	3 5	4 9	25 37	1 53	10 5	2 16	24 46	1 4	22 27	0 9	14 7	2 13	22 39	0 7	20 55	1 14	12 49	6 54	22 16	22 5	13 24		n.a.
S 10	22 37	2n11	4 43	25 33	1 50	10 29	2 15	24 47	1 4	22 26	0 8	14 5	2 13	22 40	0 7	20 55	1 14	12 49	6 54	22 16	22 5	13 21		n.a.
S 11	22 45	7 27	5 4	25 28	1 47	10 54	2 13	24 48	1 4	22 25	0 8	14 4	2 13	22 40	0 7	20 55	1 14	12 49	6 54	22 16	22 6	13 18		n.a.
M12	22 51	12 33	5 12	25 21	1 43	11 18	2 12	24 48	1 4	22 24	0 8	14 3	2 12	22 41	0 7	20 54	1 14	12 50	6 54	22 17	22 6	13 15		n.a.
T 13	22 58	17 15	5 4	25 12	1 39	11 42	2 11	24 49	1 5	22 23	0 8	14 1	2 12	22 41	0 7	20 54	1 14	12 50	6 54	22 17	22 7	13 12		n.a.
W14	23 4	21 15	4 40	25 1	1 34	12 6	2 10	24 49	1 5	22 22	0 8	14 0	2 12	22 42	0 7	20 54	1 14	12 50	6 54	22 18	22 7	13 10		n.a.
T 15	23 9	24 12	3 59	24 49	1 28	12 30	2 8	24 49	1 5	22 21	0 8	13 58	2 12	22 42	0 7	20 54	1 14	12 51	6 54	22 19	22 8	13 7		n.a.
F 16	23 14	25 44	3 3	24 36	1 23	12 53	2 7	24 49	1 5	22 21	0 7	13 57	2 12	22 42	0 7	20 54	1 14	12 51	6 54	22 20	22 8	13 4		n.a.
S 17	23 19	25 37	1 54	24 21	1 16	13 16	2 5	24 49	1 5	22 20	0 7	13 55	2 12	22 43	0 7	20 53	1 14	12 51	6 54	22 20	22 9	13 1		n.a.
S 18	23 23	23 45	0 37	24 5	1 9	13 39	2 3	24 48	1 5	22 19	0 7	13 54	2 11	22 43	0 7	20 53	1 14	12 52	6 54	22 20	22 9	12 58		n.a.
M19	23 27	20 18	0s43	23 48	1 2	14 2	2 2	24 47	1 6	22 18	0 7	13 52	2 11	22 44	0 7	20 53	1 14	12 52	6 54	22 20	22 10	12 56		n.a.
T 20	23 31	15 35	2 0	23 30	0 54	14 25	2 0	24 46	1 6	22 17	0 7	13 50	2 11	22 44	0 8	20 53	1 14	12 52	6 54	22 20	22 10	12 53		n.a.
W21	23 34	10 0	3 9	23 11	0 46	14 47	1 58	24 45	1 6	22 16	0 7	13 49	2 11	22 45	0 8	20 52	1 14	12 52	6 54	22 20	22 10	12 50		n.a.
T 22	23 37	3 57	4 5	22 51	0 38	15 9	1 56	24 44	1 6	22 15	0 6	13 47	2 11	22 45	0 8	20 52	1 14	12 53	6 54	22 20	22 11	12 47		n.a.
F 23	23 39	2s11	4 46	22 30	0 29	15 31	1 54	24 43	1 6	22 14	0 6	13 45	2 11	22 46	0 8	20 52	1 14	12 53	6 54	22 20	22 11	12 44		n.a.
S 24	23 41	8 8	5 9	22 9	0 20	15 52	1 52	24 41	1 6	22 14	0 6	13 44	2 10	22 46	0 8	20 52	1 14	12 53	6 54	22 20	22 12	12 41		n.a.
S 25	23 42	13 35	5 14	21 47	0 10	16 13	1 50	24 39	1 7	22 13	0 6	13 42	2 10	22 47	0 8	20 52	1 14	12 53	6 54	22 20	22 12	12 39		n.a.
M26	23 43	18 17	5 2	21 25	0 0	16 33	1 48	24 37	1 7	22 12	0 6	13 40	2 10	22 47	0 8	20 51	1 14	12 54	6 54	22 20	22 13	12 36		n.a.
T 27	23 44	22 0	4 34	21 2	0s10	16 54	1 46	24 35	1 7	22 11	0 6	13 38	2 10	22 48	0 8	20 51	1 14	12 54	6 54	22 21	22 13	12 33		n.a.
W28	23 44	24 33	3 52	20 39	0 21	17 14	1 43	24 33	1 7	22 10	0 6	13 37	2 10	22 48	0 8	20 51	1 13	12 54	6 54	22 21	22 14	12 30		n.a.
T 29	23 44	25 47	3 0	20 16	0 32	17 33	1 41	24 30	1 7	22 9	0 5	13 35	2 10	22 49	0 8	20 51	1 13	12 54	6 54	22 21	22 14	12 27		n.a.
F 30	23n43	25s41	1s59	19n53	0s43	17n52	1s39	24n27	1n 7	22s 8	0n 5	13n33	2n10	22n49	0n 8	20s51	1n13	12n55	6s54	22s22	22s15	12s25		n.a.

Julian Day Number = 1605424.5, Delta T = 03h56m33s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'23, Lahiri = - 8°20'23 Julian Calendar 1 June 318 BCE == Greg. Calendar 27 May 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

JULY 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 15 41	2♋54'54	9♉16	0♌ 7	27♉ 5	10♋48	9°R54	0♍18	13♊28	8°R51	26♉36	19°R 3	19♉48	20♒27	n.a.	S 1
S 2	18 19 37	3°52'15	21°24	1° 0	28°15	11°27	9♐48	0°23	13°32	8♐49	26°37	19°D 3	19°45	20°33	n.a.	S 2
M 3	18 23 34	4°49'38	3♒22	1°51	29°25	12° 5	9°42	0°29	13°35	8°48	26°38	19♉ 3	19°42	20°40	n.a.	M 3
T 4	18 27 31	5°47'02	15°15	2°38	0♊36	12°43	9°35	0°34	13°39	8°47	26°39	19° 4	19°38	20°47	n.a.	T 4
W 5	18 31 27	6°44'27	27° 4	3°22	1°46	13°21	9°29	0°39	13°42	8°45	26°40	19° 5	19°35	20°53	n.a.	W 5
T 6	18 35 24	7°41'53	8♓53	4° 2	2°57	13°59	9°23	0°44	13°45	8°44	26°42	19° 6	19°32	21° 0	n.a.	T 6
F 7	18 39 20	8°39'20	20°48	4°38	4° 8	14°37	9°17	0°49	13°49	8°42	26°43	19° 7	19°29	21° 7	n.a.	F 7
S 8	18 43 17	9°36'49	2♈51	5°11	5°19	15°15	9°12	0°55	13°52	8°41	26°44	19° 8	19°26	21°13	n.a.	S 8
S 9	18 47 13	10°34'20	15° 7	5°39	6°30	15°53	9° 6	1° 0	13°55	8°40	26°45	19°R 8	19°23	21°20	n.a.	S 9
M10	18 51 10	11°31'52	27°42	6° 3	7°41	16°32	9° 1	1° 6	13°59	8°39	26°46	19° 8	19°19	21°27	n.a.	M10
T 11	18 55 6	12°29'26	10♉38	6°22	8°52	17°10	8°55	1°11	14° 2	8°37	26°47	19° 7	19°16	21°33	n.a.	T 11
W12	18 59 3	13°27'01	23°58	6°36	10° 3	17°48	8°50	1°17	14° 5	8°36	26°48	19° 6	19°13	21°40	n.a.	W12
T 13	19 3 0	14°24'38	7♊45	6°45	11°14	18°26	8°45	1°23	14° 9	8°35	26°49	19° 6	19°10	21°47	n.a.	T 13
F 14	19 6 56	15°22'16	21°56	6°R49	12°25	19° 4	8°40	1°29	14°12	8°34	26°50	19° 5	19° 7	21°53	n.a.	F 14
S 15	19 10 53	16°19'56	6♋29	6°48	13°37	19°43	8°36	1°34	14°15	8°32	26°51	19° 5	19° 4	22° 0	n.a.	S 15
S 16	19 14 49	17°17'38	21°17	6°41	14°48	20°21	8°31	1°40	14°18	8°31	26°52	19°D 5	19° 0	22° 7	n.a.	S 16
M17	19 18 46	18°15'20	6♌15	6°29	16° 0	20°59	8°27	1°46	14°21	8°30	26°53	19° 5	18°57	22°13	n.a.	M17
T 18	19 22 42	19°13'04	21°13	6°11	17°11	21°37	8°22	1°52	14°25	8°29	26°54	19°R 5	18°54	22°20	n.a.	T 18
W19	19 26 39	20°10'50	6♍ 4	5°47	18°23	22°15	8°18	1°58	14°28	8°28	26°55	19° 5	18°51	22°27	n.a.	W19
T 20	19 30 35	21° 8'36	20°41	5°18	19°35	22°54	8°15	2° 4	14°31	8°27	26°56	19° 5	18°48	22°33	n.a.	T 20
F 21	19 34 32	22° 6'24	4♎59	4°43	20°47	23°32	8°11	2°10	14°34	8°26	26°57	19° 5	18°44	22°40	n.a.	F 21
S 22	19 38 29	23° 4'13	18°56	4° 4	21°59	24°10	8° 7	2°16	14°37	8°25	26°58	19°D 5	18°41	22°47	n.a.	S 22
S 23	19 42 25	24° 2'03	2♏32	3°20	23°10	24°48	8° 4	2°23	14°40	8°24	26°59	19° 5	18°38	22°53	n.a.	S 23
M24	19 46 22	24°59'55	15°47	2°32	24°22	25°27	8° 1	2°29	14°43	8°23	26°59	19° 5	18°35	23° 0	n.a.	M24
T 25	19 50 18	25°57'48	28°43	1°41	25°35	26° 5	7°58	2°35	14°46	8°22	27° 0	19° 5	18°32	23° 7	n.a.	T 25
W26	19 54 15	26°55'43	11♐23	0°47	26°47	26°43	7°55	2°42	14°49	8°21	27° 1	19° 6	18°29	23°13	n.a.	W26
T 27	19 58 11	27°53'39	23°48	29♋53	27°59	27°21	7°52	2°48	14°52	8°20	27° 2	19° 7	18°25	23°20	n.a.	T 27
F 28	20 2 8	28°51'37	6♉ 3	28°58	29°11	28° 0	7°50	2°54	14°54	8°19	27° 3	19° 8	18°22	23°27	n.a.	F 28
S 29	20 6 4	29°49'36	18° 8	28° 3	0♋24	28°38	7°48	3° 1	14°57	8°18	27° 3	19°R 8	18°19	23°33	n.a.	S 29
S 30	20 10 1	0♌47'37	0♒ 5	27°11	1°36	29°16	7°46	3° 7	15° 0	8°17	27° 4	19° 8	18°16	23°40	n.a.	S 30
M31	20 13 58	1♌45'39	11♒58	26♋22	2♋48	29♋55	7♐44	3♍14	15♊ 3	8♐16	27♉ 5	19♉ 7	18♉13	23♒47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n42	24s18	0s54	19n30	0s54	18n11	1s36	24n24	1n 7	22s 8	0n 5	13n31	2n 9	22n49	0n 8	20s50	1n13	12n55	6s54	22s22	22s15	12s22		n.a.
S 2	23 41	21 48	0n13	19 7	1 6	18 30	1 34	24 21	1 7	22 7	0 5	13 29	2 9	22 50	0 8	20 50	1 13	12 55	6 54	22 22	22 16	12 19		n.a.
M 3	23 39	18 22	1 19	18 44	1 18	18 48	1 31	24 18	1 8	22 6	0 5	13 27	2 9	22 50	0 8	20 50	1 13	12 55	6 54	22 22	22 16	12 16		n.a.
T 4	23 36	14 14	2 20	18 22	1 29	19 5	1 29	24 14	1 8	22 5	0 5	13 25	2 9	22 51	0 8	20 50	1 13	12 56	6 54	22 22	22 17	12 13		n.a.
W 5	23 34	9 35	3 15	18 0	1 42	19 22	1 26	24 11	1 8	22 4	0 4	13 23	2 9	22 51	0 8	20 50	1 13	12 56	6 54	22 21	22 17	12 10		n.a.
T 6	23 30	4 36	4 2	17 39	1 54	19 39	1 23	24 7	1 8	22 4	0 4	13 21	2 9	22 52	0 8	20 49	1 13	12 56	6 55	22 21	22 18	12 7		n.a.
F 7	23 27	0n35	4 39	17 18	2 6	19 55	1 21	24 3	1 8	22 3	0 4	13 19	2 9	22 52	0 8	20 49	1 13	12 56	6 55	22 21	22 18	12 5		n.a.
S 8	23 23	5 47	5 5	16 58	2 19	20 10	1 18	23 59	1 8	22 2	0 4	13 17	2 9	22 52	0 8	20 49	1 13	12 56	6 55	22 21	22 18	12 2		n.a.
S 9	23 18	10 53	5 16	16 39	2 31	20 26	1 15	23 54	1 8	22 2	0 4	13 15	2 8	22 53	0 8	20 49	1 13	12 57	6 55	22 21	22 19	11 59		n.a.
M10	23 14	15 39	5 14	16 22	2 43	20 40	1 12	23 50	1 8	22 1	0 4	13 13	2 8	22 53	0 8	20 49	1 13	12 57	6 55	22 21	22 19	11 56		n.a.
T 11	23 8	19 51	4 55	16 5	2 55	20 54	1 10	23 45	1 8	22 0	0 3	13 11	2 8	22 54	0 8	20 49	1 13	12 57	6 55	22 21	22 20	11 53		n.a.
W12	23 3	23 12	4 21	15 50	3 7	21 8	1 7	23 40	1 9	22 0	0 3	13 8	2 8	22 54	0 8	20 48	1 13	12 57	6 55	22 21	22 20	11 50		n.a.
T 13	22 57	25 19	3 30	15 36	3 19	21 21	1 4	23 35	1 9	21 59	0 3	13 6	2 8	22 54	0 8	20 48	1 13	12 57	6 55	22 21	22 21	11 48		n.a.
F 14	22 50	25 54	2 25	15 25	3 30	21 33	1 1	23 30	1 9	21 58	0 3	13 4	2 8	22 55	0 8	20 48	1 13	12 57	6 55	22 21	22 21	11 45		n.a.
S 15	22 43	24 44	1 9	15 15	3 41	21 45	0 58	23 24	1 9	21 58	0 3	13 2	2 8	22 55	0 8	20 48	1 13	12 58	6 55	22 21	22 22	11 42		n.a.
S 16	22 36	21 49	0s12	15 6	3 51	21 56	0 55	23 18	1 9	21 57	0 3	13 0	2 8	22 56	0 8	20 48	1 13	12 58	6 55	22 21	22 22	11 39		n.a.
M17	22 28	17 25	1 34	15 0	4 0	22 7	0 52	23 13	1 9	21 57	0 2	12 57	2 8	22 56	0 8	20 48	1 13	12 58	6 55	22 21	22 23	11 36		n.a.
T 18	22 20	11 56	2 49	14 56	4 9	22 17	0 49	23 7	1 9	21 56	0 2	12 55	2 7	22 56	0 8	20 47	1 13	12 58	6 55	22 21	22 23	11 33		n.a.
W19	22 12	5 48	3 52	14 55	4 16	22 27	0 46	23 0	1 9	21 56	0 2	12 53	2 7	22 57	0 8	20 47	1 13	12 58	6 55	22 21	22 23	11 30		n.a.
T 20	22 3	0s32	4 39	14 56	4 23	22 36	0 43	22 54	1 9	21 55	0 2	12 51	2 7	22 57	0 8	20 47	1 13	12 58	6 55	22 21	22 24	11 27		n.a.
F 21	21 54	6 42	5 8	14 59	4 28	22 44	0 41	22 48	1 9	21 55	0 2	12 48	2 7	22 58	0 8	20 47	1 13	12 58	6 56	22 21	22 24	11 25		n.a.
S 22	21 44	12 23	5 17	15 5	4 32	22 52	0 38	22 41	1 9	21 54	0 2	12 46	2 7	22 58	0 8	20 47	1 13	12 59	6 56	22 21	22 25	11 22		n.a.
S 23	21 34	17 19	5 9	15 13	4 34	22 59	0 35	22 34	1 9	21 54	0 2	12 44	2 7	22 58	0 8	20 47	1 13	12 59	6 56	22 21	22 25	11 19		n.a.
M24	21 24	21 17	4 44	15 23	4 34	23 5	0 32	22 27	1 9	21 53	0 1	12 41	2 7	22 59	0 8	20 47	1 13	12 59	6 56	22 21	22 26	11 16		n.a.
T 25	21 13	24 6	4 5	15 36	4 32	23 11	0 29	22 20	1 9	21 53	0 1	12 39	2 7	22 59	0 8	20 47	1 13	12 59	6 56	22 21	22 26	11 13		n.a.
W26	21 2	25 38	3 15	15 51	4 29	23 16	0 26	22 12	1 10	21 53	0 1	12 36	2 7	22 59	0 8	20 46	1 13	12 59	6 56	22 21	22 27	11 10		n.a.
T 27	20 50	25 51	2 16	16 8	4 24	23 21	0 23	22 5	1 10	21 53	0 1	12 34	2 7	23 0	0 8	20 46	1 12	12 59	6 56	22 21	22 27	11 7		n.a.
F 28	20 38	24 48	1 12	16 26	4 16	23 24	0 20	21 57	1 10	21 52	0 1	12 32	2 7	23 0	0 8	20 46	1 12	12 59	6 56	22 21	22 27	11 4		n.a.
S 29	20 26	22 35	0 6	16 46	4 7	23 27	0 17	21 49	1 10	21 52	0 1	12 29	2 7	23 0	0 8	20 46	1 12	12 59	6 56	22 21	22 28	11 2		n.a.
S 30	20 14	19 24	1n 0	17 7	3 56	23 30	0 14	21 41	1 10	21 52	0 1	12 27	2 6	23 1	0 8	20 46	1 12	12 59	6 56	22 21	22 28	10 59		n.a.
M31	20n 1	15s27	2n 3	17n29	3s44	23n32	0s11	21n33	1n10	21s52	0n 0	12n24	2n 6	23n 1	0n 8	20s46	1n12	12n59	6s56	22s21	22s29	10s56		n.a.

Julian Day Number = 1605454.5, Delta T = 03h56m32s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'19, Lahiri = - 8°20'19 Julian Calendar 1 July 318 BCE == Greg. Calendar 26 June 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

AUGUST 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 17 54	2♌43'44	23♒48	25°R38	4♋ 1	0♌33	7°R42	3♍21	15♊ 5	8°R16	27♉ 6	19°R 5	18♉10	23♒53	n.a.	T 1
W 2	20 21 51	3°41'50	5♓37	24♋58	5°14	1°11	7♐41	3°27	15° 8	8♐15	27° 6	19♉ 3	18° 6	24° 0	n.a.	W 2
T 3	20 25 47	4°39'58	17°28	24°26	6°26	1°49	7°39	3°34	15°11	8°14	27° 7	19° 1	18° 3	24° 7	n.a.	T 3
F 4	20 29 44	5°38'08	29°24	24° 0	7°39	2°28	7°38	3°41	15°13	8°13	27° 8	18°59	18° 0	24°14	n.a.	F 4
S 5	20 33 40	6°36'20	11♈28	23°42	8°52	3° 6	7°37	3°47	15°16	8°13	27° 8	18°56	17°57	24°20	n.a.	S 5
S 6	20 37 37	7°34'35	23°43	23°32	10° 5	3°45	7°36	3°54	15°19	8°12	27° 9	18°55	17°54	24°27	n.a.	S 6
M 7	20 41 33	8°32'51	6♉14	23°D31	11°18	4°23	7°36	4° 1	15°21	8°12	27° 9	18°D54	17°50	24°34	n.a.	M 7
T 8	20 45 30	9°31'10	19° 5	23°38	12°31	5° 1	7°35	4° 8	15°24	8°11	27°10	18°55	17°47	24°40	n.a.	T 8
W 9	20 49 27	10°29'31	2♊19	23°55	13°44	5°40	7°D35	4°15	15°26	8°10	27°10	18°56	17°44	24°47	n.a.	W 9
T 10	20 53 23	11°27'54	15°59	24°20	14°57	6°18	7°35	4°22	15°28	8°10	27°11	18°57	17°41	24°54	n.a.	T 10
F 11	20 57 20	12°26'20	0♋ 6	24°54	16°10	6°57	7°35	4°28	15°31	8° 9	27°12	18°58	17°38	25° 0	n.a.	F 11
S 12	21 1 16	13°24'48	14°38	25°37	17°23	7°35	7°36	4°35	15°33	8° 9	27°12	18°R59	17°35	25° 7	n.a.	S 12
S 13	21 5 13	14°23'18	29°32	26°28	18°37	8°14	7°36	4°42	15°35	8° 9	27°12	18°59	17°31	25°14	n.a.	S 13
M14	21 9 9	15°21'49	14♌40	27°26	19°50	8°52	7°37	4°49	15°37	8° 8	27°13	18°57	17°28	25°20	n.a.	M14
T 15	21 13 6	16°20'23	29°54	28°32	21° 4	9°31	7°38	4°56	15°40	8° 8	27°13	18°55	17°25	25°27	n.a.	T 15
W16	21 17 2	17°18'59	15♍ 3	29°44	22°17	10° 9	7°39	5° 3	15°42	8° 7	27°14	18°51	17°22	25°34	n.a.	W16
T 17	21 20 59	18°17'36	29°58	1♎ 2	23°31	10°48	7°41	5°11	15°44	8° 7	27°14	18°47	17°19	25°40	n.a.	T 17
F 18	21 24 56	19°16'16	14♎31	2°26	24°44	11°26	7°42	5°18	15°46	8° 7	27°14	18°43	17°15	25°47	n.a.	F 18
S 19	21 28 52	20°14'57	28°39	3°54	25°58	12° 5	7°44	5°25	15°48	8° 7	27°15	18°40	17°12	25°54	n.a.	S 19
S 20	21 32 49	21°13'40	12♏18	5°27	27°12	12°43	7°46	5°32	15°50	8° 6	27°15	18°38	17° 9	26° 0	n.a.	S 20
M21	21 36 45	22°12'25	25°32	7° 3	28°25	13°22	7°48	5°39	15°52	8° 6	27°15	18°D38	17° 6	26° 7	n.a.	M21
T 22	21 40 42	23°11'12	8♐22	8°43	29°39	14° 0	7°50	5°46	15°54	8° 6	27°16	18°39	17° 3	26°14	n.a.	T 22
W23	21 44 38	24°10'00	20°52	10°25	0♌53	14°39	7°53	5°53	15°56	8° 6	27°16	18°40	17° 0	26°20	n.a.	W23
T 24	21 48 35	25° 8'51	3♑ 7	12° 9	2° 7	15°18	7°56	6° 1	15°57	8° 6	27°16	18°42	16°56	26°27	n.a.	T 24
F 25	21 52 31	26° 7'43	15°10	13°55	3°21	15°56	7°59	6° 8	15°59	8° 6	27°16	18°R43	16°53	26°34	n.a.	F 25
S 26	21 56 28	27° 6'37	27° 6	15°42	4°35	16°35	8° 2	6°15	16° 1	8°D 6	27°16	18°43	16°50	26°40	n.a.	S 26
S 27	22 0 25	28° 5'33	8♒57	17°30	5°49	17°13	8° 5	6°22	16° 3	8° 6	27°17	18°41	16°47	26°47	n.a.	S 27
M28	22 4 21	29° 4'31	20°47	19°18	7° 3	17°52	8° 8	6°30	16° 4	8° 6	27°17	18°37	16°44	26°54	n.a.	M28
T 29	22 8 18	0♍ 3'32	2♓37	21° 7	8°17	18°31	8°12	6°37	16° 6	8° 6	27°17	18°31	16°41	27° 0	n.a.	T 29
W30	22 12 14	1° 2'34	14°29	22°57	9°31	19° 9	8°16	6°44	16° 7	8° 6	27°17	18°23	16°37	27° 7	n.a.	W30
T 31	22 16 11	2♍ 1'39	26♓24	24♌46	10♌46	19♌48	8♐20	6♍51	16♊ 9	8♐ 6	27♉17	18♉15	16♉34	27♒14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n47	10s55	3n 0	17n51	3s29	23n33	0s 8	21n25	1n10	21s52	0n 0	12n22	2n 6	23n 1	0n 8	20s46	1n12	13n 0	6s56	22s21	22s29	10s53			n.a.
W 2	19 34	6 0	3 50	18 13	3 14	23 33	0 5	21 17	1 10	21 51	0 0	12 19	2 6	23 2	0 8	20 46	1 12	13 0	6 57	22 22	22 30	10 50			n.a.
T 3	19 20	0 53	4 29	18 35	2 58	23 33	0 2	21 8	1 10	21 51	0s 0	12 17	2 6	23 2	0 8	20 46	1 12	13 0	6 57	22 22	22 30	10 47			n.a.
F 4	19 6	4n18	4 57	18 57	2 40	23 32	0n 1	20 59	1 10	21 51	0 0	12 14	2 6	23 2	0 8	20 46	1 12	13 0	6 57	22 22	22 30	10 44			n.a.
S 5	18 51	9 22	5 13	19 18	2 22	23 30	0 4	20 50	1 10	21 51	0 0	12 12	2 6	23 3	0 8	20 46	1 12	13 0	6 57	22 23	22 31	10 41			n.a.
S 6	18 36	14 10	5 14	19 37	2 4	23 27	0 7	20 41	1 10	21 51	0 0	12 9	2 6	23 3	0 8	20 46	1 12	13 0	6 57	22 23	22 31	10 39			n.a.
M 7	18 21	18 29	5 1	19 56	1 45	23 24	0 9	20 32	1 10	21 51	0 1	12 7	2 6	23 3	0 8	20 46	1 12	13 0	6 57	22 23	22 32	10 36			n.a.
T 8	18 5	22 5	4 33	20 13	1 27	23 20	0 12	20 23	1 10	21 51	0 1	12 4	2 6	23 3	0 8	20 45	1 12	13 0	6 57	22 23	22 32	10 33			n.a.
W 9	17 49	24 38	3 50	20 28	1 9	23 16	0 15	20 13	1 10	21 52	0 1	12 1	2 6	23 4	0 8	20 45	1 12	13 0	6 57	22 23	22 33	10 30			n.a.
T 10	17 33	25 50	2 52	20 41	0 51	23 11	0 18	20 3	1 10	21 52	0 1	11 59	2 6	23 4	0 8	20 45	1 12	13 0	6 57	22 23	22 33	10 27			n.a.
F 11	17 17	25 26	1 42	20 51	0 34	23 5	0 20	19 54	1 10	21 52	0 1	11 56	2 6	23 4	0 8	20 45	1 12	13 0	6 57	22 22	22 33	10 24			n.a.
S 12	17 0	23 19	0 24	21 0	0 17	22 58	0 23	19 44	1 10	21 52	0 1	11 54	2 6	23 5	0 8	20 45	1 12	13 0	6 58	22 22	22 34	10 21			n.a.
S 13	16 43	19 34	0s58	21 5	0 2	22 51	0 26	19 34	1 10	21 52	0 1	11 51	2 6	23 5	0 8	20 45	1 12	13 0	6 58	22 22	22 34	10 18			n.a.
M14	16 26	14 28	2 16	21 9	0n13	22 43	0 28	19 23	1 10	21 53	0 2	11 48	2 6	23 5	0 8	20 45	1 12	13 0	6 58	22 23	22 35	10 15			n.a.
T 15	16 8	8 26	3 26	21 9	0 27	22 34	0 31	19 13	1 10	21 53	0 2	11 46	2 6	23 5	0 8	20 45	1 12	13 0	6 58	22 23	22 35	10 12			n.a.
W16	15 50	1 58	4 21	21 6	0 40	22 25	0 33	19 2	1 10	21 53	0 2	11 43	2 6	23 6	0 8	20 45	1 12	13 0	6 58	22 23	22 35	10 10			n.a.
T 17	15 32	4s30	4 56	21 0	0 51	22 15	0 36	18 52	1 10	21 54	0 2	11 40	2 6	23 6	0 8	20 45	1 12	13 0	6 58	22 24	22 36	10 7			n.a.
F 18	15 14	10 34	5 12	20 52	1 2	22 4	0 38	18 41	1 10	21 54	0 2	11 38	2 6	23 6	0 8	20 45	1 11	13 0	6 58	22 25	22 36	10 4			n.a.
S 19	14 55	15 55	5 8	20 40	1 11	21 53	0 41	18 30	1 10	21 54	0 2	11 35	2 6	23 6	0 8	20 45	1 11	13 0	6 58	22 25	22 37	10 1			n.a.
S 20	14 36	20 16	4 47	20 26	1 20	21 41	0 43	18 19	1 10	21 55	0 2	11 32	2 6	23 7	0 8	20 45	1 11	13 0	6 58	22 25	22 37	9 58			n.a.
M21	14 17	23 26	4 11	20 8	1 27	21 28	0 45	18 8	1 10	21 55	0 3	11 30	2 6	23 7	0 8	20 45	1 11	13 0	6 59	22 25	22 38	9 55			n.a.
T 22	13 57	25 18	3 23	19 48	1 33	21 15	0 48	17 57	1 10	21 56	0 3	11 27	2 6	23 7	0 8	20 45	1 11	13 0	6 59	22 25	22 38	9 52			n.a.
W23	13 38	25 51	2 26	19 26	1 39	21 1	0 50	17 45	1 10	21 56	0 3	11 24	2 6	23 7	0 8	20 45	1 11	13 0	6 59	22 25	22 38	9 49			n.a.
T 24	13 18	25 6	1 24	19 1	1 43	20 46	0 52	17 34	1 10	21 57	0 3	11 22	2 6	23 7	0 8	20 45	1 11	12 59	6 59	22 25	22 39	9 46			n.a.
F 25	12 58	23 11	0 19	18 33	1 46	20 31	0 54	17 22	1 10	21 58	0 3	11 19	2 6	23 8	0 8	20 46	1 11	12 59	6 59	22 25	22 39	9 43			n.a.
S 26	12 37	20 15	0n46	18 4	1 49	20 16	0 56	17 10	1 10	21 58	0 3	11 16	2 6	23 8	0 8	20 46	1 11	12 59	6 59	22 25	22 40	9 40			n.a.
S 27	12 17	16 30	1 48	17 32	1 51	19 59	0 58	16 58	1 10	21 59	0 3	11 14	2 6	23 8	0 8	20 46	1 11	12 59	6 59	22 25	22 40	9 38			n.a.
M28	11 56	12 8	2 45	16 59	1 52	19 42	1 0	16 46	1 10	21 59	0 3	11 11	2 6	23 8	0 8	20 46	1 11	12 59	6 59	22 25	22 40	9 35			n.a.
T 29	11 35	7 19	3 35	16 24	1 52	19 25	1 2	16 34	1 10	22 0	0 4	11 8	2 6	23 8	0 8	20 46	1 11	12 59	6 59	22 26	22 41	9 32			n.a.
W30	11 14	2 15	4 16	15 47	1 51	19 7	1 4	16 22	1 10	22 1	0 4	11 5	2 6	23 9	0 8	20 46	1 11	12 59	7 0	22 27	22 41	9 29			n.a.
T 31	10n53	2n55	4n46	15n 9	1n50	18n48	1n 5	16n 9	1n10	22s 2	0s 4	11n 3	2n 6	23n 9	0n 9	20s46	1n11	12n59	7s 0	22s28	22s42	9s26			n.a.

Julian Day Number = 1605485.5, Delta T = 03h56m31s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'15, Lahiri = - 8°20'14 Julian Calendar 1 Aug. 318 BCE == Greg. Calendar 27 July 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

SEPTEMBER 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 20 7	3♍ 0'45	8♈26	26♌35	12♌ 0	20♌27	8♐24	6♍59	16♊10	8♐ 7	27♉17	18°R 7	16♑31	27♒20	n.a.	F 1
S 2	22 24 4	3°59'54	20°35	28°23	13°14	21° 6	8°28	7° 6	16°11	8° 7	27°R17	17♑59	16°28	27°27	n.a.	S 2
S 3	22 28 0	4°59'06	2♉54	0♍11	14°29	21°44	8°33	7°13	16°13	8° 7	27°17	17°53	16°25	27°34	n.a.	S 3
M 4	22 31 57	5°58'20	15°26	1°59	15°43	22°23	8°37	7°21	16°14	8° 7	27°17	17°48	16°21	27°40	n.a.	M 4
T 5	22 35 53	6°57'36	28°14	3°46	16°58	23° 2	8°42	7°28	16°15	8° 8	27°17	17°46	16°18	27°47	n.a.	T 5
W 6	22 39 50	7°56'55	11♊21	5°32	18°12	23°41	8°47	7°35	16°16	8° 8	27°17	17°D46	16°15	27°54	n.a.	W 6
T 7	22 43 47	8°56'16	24°51	7°18	19°27	24°20	8°52	7°42	16°17	8° 8	27°17	17°47	16°12	28° 1	n.a.	T 7
F 8	22 47 43	9°55'40	8♋46	9° 3	20°41	24°59	8°58	7°50	16°18	8° 9	27°17	17°48	16° 9	28° 7	n.a.	F 8
S 9	22 51 40	10°55'06	23° 6	10°48	21°56	25°37	9° 3	7°57	16°19	8° 9	27°16	17°R48	16° 6	28°14	n.a.	S 9
S 10	22 55 36	11°54'35	7♌49	12°31	23°11	26°16	9° 9	8° 4	16°20	8°10	27°16	17°46	16° 2	28°21	n.a.	S 10
M11	22 59 33	12°54'06	22°51	14°14	24°25	26°55	9°15	8°12	16°21	8°10	27°16	17°42	15°59	28°27	n.a.	M11
T 12	23 3 29	13°53'39	8♍ 5	15°56	25°40	27°34	9°21	8°19	16°22	8°11	27°16	17°36	15°56	28°34	n.a.	T 12
W13	23 7 26	14°53'14	23°19	17°38	26°55	28°13	9°27	8°26	16°23	8°12	27°16	17°28	15°53	28°41	n.a.	W13
T 14	23 11 22	15°52'51	8♎23	19°19	28°10	28°52	9°33	8°33	16°24	8°12	27°15	17°18	15°50	28°47	n.a.	T 14
F 15	23 15 19	16°52'30	23° 7	20°59	29°25	29°31	9°40	8°41	16°24	8°13	27°15	17° 9	15°47	28°54	n.a.	F 15
S 16	23 19 16	17°52'12	7♏25	22°38	0♍40	0♍10	9°46	8°48	16°25	8°14	27°15	17° 2	15°43	29° 1	n.a.	S 16
S 17	23 23 12	18°51'55	21°13	24°17	1°54	0°49	9°53	8°55	16°26	8°14	27°14	16°56	15°40	29° 7	n.a.	S 17
M18	23 27 9	19°51'40	4♐31	25°55	3° 9	1°28	10° 0	9° 2	16°26	8°15	27°14	16°53	15°37	29°14	n.a.	M18
T 19	23 31 5	20°51'27	17°23	27°32	4°24	2° 7	10° 7	9°10	16°27	8°16	27°14	16°D52	15°34	29°21	n.a.	T 19
W20	23 35 2	21°51'15	29°52	29° 9	5°39	2°46	10°15	9°17	16°27	8°17	27°13	16°52	15°31	29°27	n.a.	W20
T 21	23 38 58	22°51'06	12♑ 4	0♎45	6°54	3°25	10°22	9°24	16°27	8°18	27°13	16°R52	15°27	29°34	n.a.	T 21
F 22	23 42 55	23°50'58	24° 3	2°21	8°10	4° 4	10°30	9°31	16°28	8°18	27°13	16°52	15°24	29°41	n.a.	F 22
S 23	23 46 51	24°50'52	5♒54	3°55	9°25	4°44	10°37	9°38	16°28	8°19	27°12	16°50	15°21	29°47	n.a.	S 23
S 24	23 50 48	25°50'48	17°43	5°30	10°40	5°23	10°45	9°45	16°28	8°20	27°12	16°46	15°18	29°54	n.a.	S 24
M25	23 54 44	26°50'45	29°32	7° 4	11°55	6° 2	10°53	9°52	16°28	8°21	27°11	16°39	15°15	0♓ 1	n.a.	M25
T 26	23 58 41	27°50'45	11♓24	8°37	13°10	6°41	11° 1	9°59	16°28	8°22	27°11	16°29	15°12	0° 7	n.a.	T 26
W27	0 2 38	28°50'46	23°22	10°10	14°25	7°20	11° 9	10° 7	16°R28	8°23	27°10	16°17	15° 8	0°14	n.a.	W27
T 28	0 6 34	29°50'50	5♈26	11°42	15°41	7°59	11°18	10°14	16°28	8°24	27° 9	16° 3	15° 5	0°21	n.a.	T 28
F 29	0 10 31	0♎50'55	17°39	13°14	16°56	8°39	11°26	10°21	16°28	8°25	27° 9	15°50	15° 2	0°28	n.a.	F 29
S 30	0 14 27	1♎51'03	29♈59	14♎45	18♍11	9♍18	11♐35	10♍27	16♊28	8♐27	27♉ 8	15♑37	14♑59	0♓34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n31	8n 1	5n 4	14n30	1n49	18n29	1n 7	15n57	1n10	22s 2	0s 4	11n 0	2n 6	23n 9	0n 9	20s46	1n11	12n59	7s 0	22s30	22s42	9s23		n.a.
S 2	10 10	12 52	5 8	13 50	1 46	18 9	1 9	15 44	1 10	22 3	0 4	10 57	2 6	23 9	0 9	20 46	1 11	12 59	7 0	22 31	22 42	9 20		n.a.
S 3	9 48	17 16	4 57	13 9	1 44	17 49	1 10	15 32	1 9	22 4	0 4	10 54	2 6	23 9	0 9	20 46	1 11	12 59	7 0	22 31	22 43	9 17		n.a.
M 4	9 26	21 1	4 33	12 28	1 40	17 28	1 12	15 19	1 9	22 5	0 4	10 52	2 6	23 9	0 9	20 46	1 11	12 59	7 0	22 32	22 43	9 14		n.a.
T 5	9 4	23 49	3 55	11 45	1 37	17 7	1 13	15 6	1 9	22 6	0 4	10 49	2 6	23 9	0 9	20 46	1 11	12 58	7 0	22 32	22 44	9 11		n.a.
W 6	8 41	25 27	3 3	11 2	1 33	16 45	1 15	14 53	1 9	22 7	0 4	10 46	2 6	23 10	0 9	20 46	1 11	12 58	7 0	22 32	22 44	9 8		n.a.
T 7	8 19	25 38	2 0	10 18	1 29	16 22	1 16	14 40	1 9	22 8	0 5	10 44	2 6	23 10	0 9	20 47	1 10	12 58	7 0	22 32	22 44	9 5		n.a.
F 8	7 56	24 15	0 48	9 34	1 24	16 0	1 17	14 26	1 9	22 9	0 5	10 41	2 6	23 10	0 9	20 47	1 10	12 58	7 1	22 32	22 45	9 3		n.a.
S 9	7 34	21 16	0s28	8 50	1 19	15 36	1 19	14 13	1 9	22 10	0 5	10 38	2 6	23 10	0 9	20 47	1 10	12 58	7 1	22 32	22 45	9 0		n.a.
S 10	7 11	16 51	1 45	8 5	1 14	15 13	1 20	14 0	1 9	22 11	0 5	10 35	2 6	23 10	0 9	20 47	1 10	12 58	7 1	22 32	22 45	8 57		n.a.
M11	6 48	11 17	2 57	7 20	1 9	14 49	1 21	13 46	1 9	22 12	0 5	10 33	2 6	23 10	0 9	20 47	1 10	12 58	7 1	22 33	22 46	8 54		n.a.
T 12	6 25	5 0	3 56	6 35	1 3	14 24	1 22	13 32	1 9	22 13	0 5	10 30	2 6	23 10	0 9	20 47	1 10	12 57	7 1	22 34	22 46	8 51		n.a.
W13	6 1	1s34	4 38	5 49	0 57	13 59	1 23	13 19	1 9	22 14	0 5	10 27	2 6	23 10	0 9	20 47	1 10	12 57	7 1	22 35	22 47	8 48		n.a.
T 14	5 38	7 58	5 1	5 4	0 51	13 34	1 24	13 5	1 9	22 15	0 5	10 25	2 6	23 10	0 9	20 47	1 10	12 57	7 1	22 36	22 47	8 45		n.a.
F 15	5 15	13 46	5 3	4 19	0 45	13 8	1 24	12 51	1 9	22 16	0 6	10 22	2 6	23 11	0 9	20 48	1 10	12 57	7 1	22 37	22 47	8 42		n.a.
S 16	4 51	18 39	4 46	3 33	0 39	12 42	1 25	12 37	1 8	22 17	0 6	10 19	2 6	23 11	0 9	20 48	1 10	12 57	7 1	22 38	22 48	8 39		n.a.
S 17	4 27	22 20	4 12	2 48	0 33	12 16	1 26	12 23	1 8	22 18	0 6	10 16	2 7	23 11	0 9	20 48	1 10	12 57	7 1	22 39	22 48	8 36		n.a.
M18	4 4	24 41	3 26	2 3	0 26	11 49	1 27	12 9	1 8	22 19	0 6	10 14	2 7	23 11	0 9	20 48	1 10	12 56	7 2	22 39	22 48	8 33		n.a.
T 19	3 40	25 38	2 31	1 18	0 20	11 22	1 27	11 54	1 8	22 20	0 6	10 11	2 7	23 11	0 9	20 48	1 10	12 56	7 2	22 39	22 49	8 30		n.a.
W20	3 16	25 14	1 29	0 33	0 13	10 54	1 28	11 40	1 8	22 22	0 6	10 8	2 7	23 11	0 9	20 48	1 10	12 56	7 2	22 39	22 49	8 27		n.a.
T 21	2 52	23 36	0 26	0s12	0 7	10 26	1 28	11 26	1 8	22 23	0 6	10 6	2 7	23 11	0 9	20 49	1 10	12 56	7 2	22 39	22 50	8 24		n.a.
F 22	2 28	20 56	0n38	0 57	0s 0	9 58	1 28	11 11	1 8	22 24	0 6	10 3	2 7	23 11	0 9	20 49	1 10	12 56	7 2	22 39	22 50	8 22		n.a.
S 23	2 4	17 25	1 40	1 41	0 7	9 30	1 29	10 57	1 8	22 25	0 6	10 0	2 7	23 11	0 9	20 49	1 10	12 56	7 2	22 40	22 50	8 19		n.a.
S 24	1 40	13 14	2 36	2 25	0 14	9 1	1 29	10 42	1 8	22 26	0 6	9 58	2 7	23 11	0 9	20 49	1 10	12 55	7 2	22 40	22 51	8 16		n.a.
M25	1 16	8 34	3 26	3 9	0 20	8 33	1 29	10 27	1 7	22 28	0 7	9 55	2 7	23 11	0 9	20 49	1 10	12 55	7 2	22 41	22 51	8 13		n.a.
T 26	0 52	3 34	4 7	3 52	0 27	8 3	1 29	10 12	1 7	22 29	0 7	9 53	2 7	23 11	0 9	20 50	1 10	12 55	7 2	22 42	22 51	8 10		n.a.
W27	0 28	1n34	4 37	4 35	0 34	7 34	1 29	9 58	1 7	22 30	0 7	9 50	2 7	23 11	0 9	20 50	1 10	12 55	7 2	22 44	22 52	8 7		n.a.
T 28	0 4	6 42	4 56	5 18	0 40	7 5	1 29	9 43	1 7	22 31	0 7	9 47	2 7	23 11	0 9	20 50	1 9	12 55	7 3	22 45	22 52	8 4		n.a.
F 29	0s20	11 37	5 0	6 0	0 47	6 35	1 29	9 28	1 7	22 33	0 7	9 45	2 8	23 11	0 9	20 50	1 9	12 54	7 3	22 47	22 53	8 1		n.a.
S 30	0s45	16n 8	4n51	6s42	0s54	6n 5	1n28	9n13	1n 7	22s34	0s 7	9n42	2n 8	23n11	0n 9	20s51	1n 9	12n54	7s 3	22s48	22s53	7s58		n.a.

Julian Day Number = 1605516.5, Delta T = 03h56m30s
Ecliptic obliquity = 23°44'05, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'11, Lahiri = - 8°20'10 Julian Calendar 1 Sept. 318 BCE == Greg. Calendar 27 Aug. 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

OCTOBER 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 18 24	2♎51'12	12♉30	16♎16	19♍26	9♍57	11♐44	10♍34	16°R28	8♐28	27°R 8	15°R26	14♑56	0♓41	n.a.	S 1
M 2	0 22 20	3°51'24	25°11	17°47	20°42	10°36	11°53	10°41	16♊28	8°29	27♉ 7	15♑18	14°52	0°48	n.a.	M 2
T 3	0 26 17	4°51'38	8♊ 5	19°16	21°57	11°16	12° 2	10°48	16°28	8°30	27° 6	15°13	14°49	0°54	n.a.	T 3
W 4	0 30 13	5°51'54	21°13	20°46	23°12	11°55	12°11	10°55	16°27	8°31	27° 6	15°11	14°46	1° 1	n.a.	W 4
T 5	0 34 10	6°52'12	4♋38	22°15	24°28	12°34	12°20	11° 2	16°27	8°33	27° 5	15°D10	14°43	1° 8	n.a.	T 5
F 6	0 38 7	7°52'32	18°22	23°43	25°43	13°14	12°30	11° 9	16°26	8°34	27° 4	15°R10	14°40	1°14	n.a.	F 6
S 7	0 42 3	8°52'55	2♌27	25°11	26°58	13°53	12°39	11°16	16°26	8°35	27° 4	15° 9	14°37	1°21	n.a.	S 7
S 8	0 46 0	9°53'19	16°52	26°38	28°14	14°33	12°49	11°22	16°25	8°37	27° 3	15° 7	14°33	1°28	n.a.	S 8
M 9	0 49 56	10°53'46	1♍35	28° 5	29°29	15°12	12°59	11°29	16°25	8°38	27° 2	15° 1	14°30	1°34	n.a.	M 9
T 10	0 53 53	11°54'14	16°31	29°31	0♎45	15°52	13° 9	11°36	16°24	8°40	27° 1	14°53	14°27	1°41	n.a.	T 10
W11	0 57 49	12°54'45	1♎31	0♏57	2° 0	16°31	13°19	11°42	16°23	8°41	27° 1	14°42	14°24	1°48	n.a.	W11
T 12	1 1 46	13°55'17	16°27	2°21	3°16	17°11	13°29	11°49	16°23	8°42	27° 0	14°30	14°21	1°54	n.a.	T 12
F 13	1 5 42	14°55'51	1♏ 8	3°46	4°31	17°50	13°39	11°55	16°22	8°44	26°59	14°18	14°18	2° 1	n.a.	F 13
S 14	1 9 39	15°56'26	15°27	5° 9	5°47	18°30	13°50	12° 2	16°21	8°45	26°58	14° 8	14°14	2° 8	n.a.	S 14
S 15	1 13 36	16°57'03	29°20	6°31	7° 2	19° 9	14° 0	12° 8	16°20	8°47	26°57	13°59	14°11	2°15	n.a.	S 15
M16	1 17 32	17°57'42	12♐43	7°52	8°18	19°49	14°11	12°15	16°19	8°49	26°56	13°54	14° 8	2°21	n.a.	M16
T 17	1 21 29	18°58'21	25°40	9°12	9°33	20°28	14°21	12°21	16°18	8°50	26°55	13°51	14° 5	2°28	n.a.	T 17
W18	1 25 25	19°59'03	8♑13	10°31	10°49	21° 8	14°32	12°27	16°17	8°52	26°54	13°50	14° 2	2°35	n.a.	W18
T 19	1 29 22	20°59'45	20°26	11°49	12° 5	21°48	14°43	12°34	16°16	8°54	26°54	13°50	13°58	2°41	n.a.	T 19
F 20	1 33 18	22° 0'28	2♒26	13° 4	13°20	22°27	14°54	12°40	16°15	8°55	26°53	13°50	13°55	2°48	n.a.	F 20
S 21	1 37 15	23° 1'13	14°17	14°18	14°36	23° 7	15° 5	12°46	16°13	8°57	26°52	13°48	13°52	2°55	n.a.	S 21
S 22	1 41 11	24° 1'59	26° 6	15°30	15°51	23°47	15°16	12°52	16°12	8°59	26°51	13°44	13°49	3° 1	n.a.	S 22
M23	1 45 8	25° 2'46	7♓56	16°40	17° 7	24°26	15°27	12°58	16°11	9° 0	26°50	13°37	13°46	3° 8	n.a.	M23
T 24	1 49 5	26° 3'34	19°52	17°46	18°22	25° 6	15°39	13° 4	16° 9	9° 2	26°49	13°27	13°43	3°15	n.a.	T 24
W25	1 53 1	27° 4'24	1♈57	18°50	19°38	25°46	15°50	13°10	16° 8	9° 4	26°48	13°15	13°39	3°21	n.a.	W25
T 26	1 56 58	28° 5'15	14°11	19°50	20°54	26°26	16° 2	13°16	16° 7	9° 6	26°47	13° 2	13°36	3°28	n.a.	T 26
F 27	2 0 54	29° 6'07	26°37	20°47	22° 9	27° 5	16°14	13°22	16° 5	9° 8	26°46	12°48	13°33	3°35	n.a.	F 27
S 28	2 4 51	0♏ 7'00	9♉15	21°38	23°25	27°45	16°25	13°27	16° 4	9° 9	26°45	12°35	13°30	3°41	n.a.	S 28
S 29	2 8 47	1° 7'54	22° 4	22°25	24°40	28°25	16°37	13°33	16° 2	9°11	26°44	12°24	13°27	3°48	n.a.	S 29
M30	2 12 44	2° 8'50	5♊ 3	23° 5	25°56	29° 5	16°49	13°39	16° 0	9°13	26°42	12°16	13°24	3°55	n.a.	M30
T 31	2 16 40	3♏ 9'47	18♊14	23♏39	27♎11	29♍45	17♐ 1	13♍44	15♊59	9♐15	26♉41	12♑11	13♑20	4♓ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s 9	20n 2	4n28	7s24	1s 0	5n35	1n28	8n57	1n 7	22s35	0s 7	9n40	2n 8	23n11	0n 9	20s51	1n 9	12n54	7s 3	22s50	22s53	7s55		n.a.
M 2	1 33	23 2	3 52	8 5	1 6	5 4	1 28	8 42	1 7	22 37	0 7	9 37	2 8	23 11	0 9	20 51	1 9	12 54	7 3	22 51	22 54	7 52		n.a.
T 3	1 57	24 56	3 3	8 45	1 13	4 34	1 27	8 27	1 6	22 38	0 7	9 35	2 8	23 11	0 9	20 51	1 9	12 53	7 3	22 51	22 54	7 49		n.a.
W 4	2 21	25 29	2 3	9 25	1 19	4 3	1 27	8 12	1 6	22 39	0 7	9 32	2 8	23 11	0 9	20 51	1 9	12 53	7 3	22 52	22 54	7 46		n.a.
T 5	2 46	24 35	0 55	10 5	1 25	3 33	1 26	7 56	1 6	22 41	0 8	9 29	2 8	23 11	0 9	20 52	1 9	12 53	7 3	22 52	22 55	7 43		n.a.
F 6	3 10	22 11	0s17	10 44	1 31	3 2	1 26	7 41	1 6	22 42	0 8	9 27	2 8	23 11	0 9	20 52	1 9	12 53	7 3	22 52	22 55	7 40		n.a.
S 7	3 34	18 24	1 30	11 22	1 37	2 31	1 25	7 25	1 6	22 43	0 8	9 24	2 9	23 11	0 9	20 52	1 9	12 52	7 3	22 52	22 55	7 37		n.a.
S 8	3 58	13 27	2 39	11 59	1 43	2 0	1 24	7 10	1 6	22 45	0 8	9 22	2 9	23 11	0 9	20 52	1 9	12 52	7 3	22 52	22 56	7 34		n.a.
M 9	4 22	7 38	3 39	12 36	1 48	1 29	1 24	6 54	1 5	22 46	0 8	9 20	2 9	23 11	0 9	20 53	1 9	12 52	7 3	22 53	22 56	7 32		n.a.
T 10	4 46	1 20	4 25	13 12	1 53	0 58	1 23	6 39	1 5	22 47	0 8	9 17	2 9	23 11	0 9	20 53	1 9	12 52	7 3	22 54	22 56	7 29		n.a.
W11	5 10	5s 4	4 52	13 48	1 59	0 26	1 22	6 23	1 5	22 49	0 8	9 15	2 9	23 11	0 9	20 53	1 9	12 52	7 4	22 55	22 57	7 26		n.a.
T 12	5 33	11 9	5 0	14 22	2 3	0s 5	1 21	6 7	1 5	22 50	0 8	9 12	2 9	23 11	0 9	20 54	1 9	12 51	7 4	22 56	22 57	7 23		n.a.
F 13	5 57	16 29	4 47	14 56	2 8	0 36	1 20	5 51	1 5	22 52	0 8	9 10	2 9	23 11	0 9	20 54	1 9	12 51	7 4	22 57	22 57	7 20		n.a.
S 14	6 21	20 46	4 17	15 28	2 12	1 7	1 19	5 36	1 4	22 53	0 8	9 7	2 10	23 11	0 9	20 54	1 9	12 51	7 4	22 58	22 58	7 17		n.a.
S 15	6 44	23 42	3 32	16 0	2 16	1 39	1 17	5 20	1 4	22 54	0 9	9 5	2 10	23 11	0 9	20 54	1 9	12 51	7 4	22 59	22 58	7 14		n.a.
M16	7 8	25 11	2 37	16 31	2 20	2 10	1 16	5 4	1 4	22 56	0 9	9 3	2 10	23 11	0 9	20 55	1 9	12 50	7 4	23 0	22 58	7 11		n.a.
T 17	7 31	25 14	1 35	17 0	2 23	2 41	1 15	4 48	1 4	22 57	0 9	9 0	2 10	23 10	0 9	20 55	1 9	12 50	7 4	23 0	22 59	7 8		n.a.
W18	7 54	23 58	0 30	17 28	2 26	3 12	1 14	4 32	1 4	22 58	0 9	8 58	2 10	23 10	0 9	20 55	1 9	12 50	7 4	23 0	22 59	7 5		n.a.
T 19	8 18	21 35	0n35	17 55	2 29	3 43	1 12	4 16	1 3	23 0	0 9	8 56	2 10	23 10	0 9	20 56	1 9	12 50	7 4	23 0	22 59	7 2		n.a.
F 20	8 40	18 17	1 37	18 21	2 31	4 14	1 11	4 0	1 3	23 1	0 9	8 54	2 11	23 10	0 9	20 56	1 9	12 49	7 4	23 0	23 0	6 59		n.a.
S 21	9 3	14 18	2 34	18 45	2 33	4 45	1 9	3 44	1 3	23 2	0 9	8 51	2 11	23 10	0 9	20 56	1 9	12 49	7 4	23 1	23 0	6 56		n.a.
S 22	9 26	9 47	3 24	19 8	2 34	5 16	1 8	3 28	1 3	23 4	0 9	8 49	2 11	23 10	0 9	20 56	1 8	12 49	7 4	23 1	23 0	6 53		n.a.
M23	9 49	4 55	4 5	19 29	2 34	5 47	1 6	3 11	1 3	23 5	0 9	8 47	2 11	23 10	0 9	20 57	1 8	12 49	7 4	23 2	23 1	6 50		n.a.
T 24	10 11	0n10	4 36	19 48	2 34	6 18	1 5	2 55	1 2	23 6	0 9	8 45	2 11	23 10	0 9	20 57	1 8	12 48	7 4	23 3	23 1	6 47		n.a.
W25	10 33	5 17	4 55	20 5	2 33	6 48	1 3	2 39	1 2	23 8	0 10	8 43	2 11	23 10	0 9	20 57	1 8	12 48	7 4	23 4	23 1	6 44		n.a.
T 26	10 55	10 16	5 0	20 20	2 31	7 19	1 1	2 23	1 2	23 9	0 10	8 41	2 12	23 9	0 9	20 58	1 8	12 48	7 4	23 5	23 2	6 41		n.a.
F 27	11 17	14 55	4 52	20 33	2 28	7 49	0 59	2 7	1 2	23 10	0 10	8 38	2 12	23 9	0 10	20 58	1 8	12 47	7 4	23 7	23 2	6 38		n.a.
S 28	11 39	19 0	4 29	20 43	2 25	8 19	0 58	1 50	1 1	23 12	0 10	8 36	2 12	23 9	0 10	20 58	1 8	12 47	7 4	23 8	23 2	6 35		n.a.
S 29	12 1	22 15	3 53	20 51	2 20	8 49	0 56	1 34	1 1	23 13	0 10	8 34	2 12	23 9	0 10	20 59	1 8	12 47	7 4	23 9	23 3	6 33		n.a.
M30	12 22	24 24	3 3	20 56	2 15	9 18	0 54	1 18	1 1	23 14	0 10	8 32	2 12	23 9	0 10	20 59	1 8	12 47	7 4	23 10	23 3	6 30		n.a.
T 31	12s43	25n15	2n 3	20s59	2s 8	9s47	0n52	1n 2	1n 1	23s16	0s10	8n30	2n13	23n 9	0n10	20s59	1n 8	12n46	7s 4	23s10	23s 3	6s27		n.a.

Julian Day Number = 1605546.5, Delta T = 03h56m29s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'07, Lahiri = - 8°20'06 Julian Calendar 1 Oct. 318 BCE == Greg. Calendar 26 Sept. 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

NOVEMBER 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 20 37	4♏10'46	1♋35	24♏ 6	28♎27	0♎25	17♐13	13♍50	15°R57	9♐17	26°R40	12°R 9	13♑17	4♓ 8	n.a.	W 1
T 2	2 24 34	5°11'46	15° 7	24°25	29°43	1° 5	17°25	13°55	15♊55	9°19	26♉39	12°D 8	13°14	4°15	n.a.	T 2
F 3	2 28 30	6°12'47	28°52	24°R34	0♏58	1°45	17°37	14° 1	15°53	9°21	26°38	12♑ 9	13°11	4°22	n.a.	F 3
S 4	2 32 27	7°13'50	12♌49	24°34	2°14	2°25	17°50	14° 6	15°52	9°23	26°37	12°R 9	13° 8	4°28	n.a.	S 4
S 5	2 36 23	8°14'54	26°59	24°23	3°30	3° 5	18° 2	14°11	15°50	9°25	26°36	12° 7	13° 4	4°35	n.a.	S 5
M 6	2 40 20	9°15'59	11♍21	24° 1	4°45	3°45	18°14	14°16	15°48	9°27	26°35	12° 3	13° 1	4°42	n.a.	M 6
T 7	2 44 16	10°17'05	25°52	23°28	6° 1	4°25	18°27	14°22	15°46	9°29	26°34	11°57	12°58	4°48	n.a.	T 7
W 8	2 48 13	11°18'13	10♎26	22°44	7°16	5° 5	18°40	14°27	15°44	9°31	26°32	11°48	12°55	4°55	n.a.	W 8
T 9	2 52 9	12°19'21	24°57	21°48	8°32	5°45	18°52	14°32	15°42	9°33	26°31	11°38	12°52	5° 2	n.a.	T 9
F 10	2 56 6	13°20'31	9♏19	20°44	9°48	6°25	19° 5	14°37	15°40	9°35	26°30	11°28	12°49	5° 9	n.a.	F 10
S 11	3 0 3	14°21'41	23°24	19°31	11° 3	7° 5	19°18	14°41	15°38	9°37	26°29	11°19	12°45	5°15	n.a.	S 11
S 12	3 3 59	15°22'52	7♐ 9	18°12	12°19	7°45	19°31	14°46	15°36	9°39	26°28	11°12	12°42	5°22	n.a.	S 12
M13	3 7 56	16°24'03	20°29	16°50	13°34	8°25	19°43	14°51	15°33	9°41	26°27	11° 8	12°39	5°29	n.a.	M13
T 14	3 11 52	17°25'16	3♑26	15°27	14°50	9° 6	19°56	14°55	15°31	9°44	26°26	11° 5	12°36	5°35	n.a.	T 14
W15	3 15 49	18°26'28	16° 1	14° 6	16° 6	9°46	20° 9	15° 0	15°29	9°46	26°24	11°D 5	12°33	5°42	n.a.	W15
T 16	3 19 45	19°27'41	28°18	12°51	17°21	10°26	20°23	15° 4	15°27	9°48	26°23	11° 6	12°30	5°49	n.a.	T 16
F 17	3 23 42	20°28'54	10♒20	11°42	18°37	11° 6	20°36	15° 9	15°25	9°50	26°22	11° 7	12°26	5°55	n.a.	F 17
S 18	3 27 38	21°30'07	22°14	10°42	19°52	11°47	20°49	15°13	15°22	9°52	26°21	11°R 8	12°23	6° 2	n.a.	S 18
S 19	3 31 35	22°31'21	4♓ 4	9°52	21° 8	12°27	21° 2	15°17	15°20	9°54	26°20	11° 7	12°20	6° 9	n.a.	S 19
M20	3 35 32	23°32'34	15°56	9°13	22°24	13° 7	21°15	15°21	15°18	9°57	26°18	11° 4	12°17	6°15	n.a.	M20
T 21	3 39 28	24°33'48	27°54	8°44	23°39	13°47	21°29	15°25	15°15	9°59	26°17	10°59	12°14	6°22	n.a.	T 21
W22	3 43 25	25°35'02	10♈ 2	8°27	24°55	14°28	21°42	15°29	15°13	10° 1	26°16	10°52	12°10	6°29	n.a.	W22
T 23	3 47 21	26°36'16	22°24	8°D20	26°10	15° 8	21°56	15°33	15°10	10° 3	26°15	10°44	12° 7	6°36	n.a.	T 23
F 24	3 51 18	27°37'30	5♉ 1	8°22	27°26	15°48	22° 9	15°37	15° 8	10° 5	26°14	10°36	12° 4	6°42	n.a.	F 24
S 25	3 55 14	28°38'44	17°55	8°34	28°41	16°29	22°23	15°40	15° 6	10° 8	26°12	10°28	12° 1	6°49	n.a.	S 25
S 26	3 59 11	29°39'59	1♊ 4	8°54	29°57	17° 9	22°36	15°44	15° 3	10°10	26°11	10°22	11°58	6°56	n.a.	S 26
M27	4 3 7	0♐41'14	14°27	9°21	1♐12	17°50	22°50	15°48	15° 1	10°12	26°10	10°17	11°55	7° 2	n.a.	M27
T 28	4 7 4	1°42'29	28° 2	9°56	2°28	18°30	23° 3	15°51	14°58	10°14	26° 9	10°14	11°51	7° 9	n.a.	T 28
W29	4 11 1	2°43'44	11♋48	10°36	3°43	19°11	23°17	15°54	14°56	10°17	26° 8	10°D14	11°48	7°16	n.a.	W29
T 30	4 14 57	3♐44'59	25♋42	11♏21	4♐59	19♎51	23♐31	15♍57	14♊53	10♐19	26♉ 6	10♑15	11♑45	7♓22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s 4	24n39	0n56	20s57	1s59	10s17	0n50	0n45	1n 0	23s17	0s10	8n28	2n13	23n 8	0n10	21s 0	1n 8	12n46	7s 4	23s10	23s 4	6s24		n.a.
T 2	13 25	22 36	0s16	20 53	1 50	10 46	0 48	0 29	1 0	23 18	0 10	8 26	2 13	23 8	0 10	21 0	1 8	12 46	7 4	23 10	23 4	6 21		n.a.
F 3	13 45	19 12	1 28	20 44	1 39	11 14	0 46	0 13	1 0	23 19	0 10	8 24	2 13	23 8	0 10	21 0	1 8	12 46	7 4	23 10	23 4	6 18		n.a.
S 4	14 6	14 41	2 36	20 32	1 26	11 43	0 44	0s 4	0 59	23 21	0 10	8 23	2 13	23 8	0 10	21 1	1 8	12 45	7 4	23 10	23 5	6 15		n.a.
S 5	14 26	9 18	3 35	20 16	1 12	12 11	0 42	0 20	0 59	23 22	0 11	8 21	2 14	23 8	0 10	21 1	1 8	12 45	7 4	23 10	23 5	6 12		n.a.
M 6	14 46	3 22	4 22	19 55	0 57	12 38	0 40	0 36	0 59	23 23	0 11	8 19	2 14	23 8	0 10	21 1	1 8	12 45	7 4	23 11	23 5	6 9		n.a.
T 7	15 5	2s48	4 52	19 30	0 39	13 6	0 38	0 53	0 59	23 24	0 11	8 17	2 14	23 7	0 10	21 2	1 8	12 45	7 4	23 11	23 6	6 6		n.a.
W 8	15 24	8 49	5 4	19 1	0 21	13 33	0 35	1 9	0 58	23 25	0 11	8 15	2 14	23 7	0 10	21 2	1 8	12 44	7 4	23 12	23 6	6 3		n.a.
T 9	15 43	14 21	4 56	18 28	0 2	14 0	0 33	1 25	0 58	23 27	0 11	8 14	2 14	23 7	0 10	21 2	1 8	12 44	7 4	23 13	23 6	6 0		n.a.
F 10	16 2	19 1	4 29	17 51	0n18	14 26	0 31	1 42	0 58	23 28	0 11	8 12	2 15	23 7	0 10	21 3	1 8	12 44	7 4	23 14	23 7	5 57		n.a.
S 11	16 21	22 30	3 47	17 12	0 39	14 52	0 29	1 58	0 57	23 29	0 11	8 10	2 15	23 7	0 10	21 3	1 8	12 44	7 4	23 15	23 7	5 54		n.a.
S 12	16 39	24 35	2 51	16 31	0 59	15 18	0 26	2 14	0 57	23 30	0 11	8 9	2 15	23 6	0 10	21 3	1 8	12 43	7 4	23 15	23 7	5 51		n.a.
M13	16 57	25 11	1 48	15 48	1 19	15 43	0 24	2 31	0 57	23 31	0 11	8 7	2 15	23 6	0 10	21 4	1 8	12 43	7 4	23 16	23 7	5 48		n.a.
T 14	17 14	24 22	0 41	15 7	1 38	16 8	0 22	2 47	0 56	23 32	0 11	8 5	2 16	23 6	0 10	21 4	1 8	12 43	7 4	23 16	23 8	5 45		n.a.
W15	17 32	22 19	0n27	14 27	1 55	16 33	0 20	3 3	0 56	23 33	0 11	8 4	2 16	23 6	0 10	21 4	1 8	12 43	7 4	23 16	23 8	5 42		n.a.
T 16	17 49	19 16	1 31	13 49	2 10	16 57	0 17	3 20	0 56	23 34	0 12	8 2	2 16	23 5	0 10	21 5	1 8	12 42	7 4	23 16	23 8	5 39		n.a.
F 17	18 5	15 27	2 31	13 16	2 23	17 20	0 15	3 36	0 55	23 35	0 12	8 1	2 16	23 5	0 10	21 5	1 8	12 42	7 4	23 16	23 9	5 36		n.a.
S 18	18 22	11 4	3 23	12 47	2 34	17 43	0 13	3 52	0 55	23 36	0 12	7 59	2 17	23 5	0 10	21 5	1 8	12 42	7 4	23 16	23 9	5 33		n.a.
S 19	18 38	6 19	4 6	12 23	2 42	18 6	0 10	4 8	0 55	23 37	0 12	7 58	2 17	23 5	0 10	21 6	1 8	12 42	7 4	23 16	23 9	5 30		n.a.
M20	18 53	1 20	4 39	12 5	2 49	18 28	0 8	4 25	0 54	23 38	0 12	7 57	2 17	23 5	0 10	21 6	1 8	12 41	7 4	23 16	23 10	5 28		n.a.
T 21	19 9	3n44	5 0	11 52	2 53	18 50	0 5	4 41	0 54	23 39	0 12	7 55	2 17	23 4	0 10	21 6	1 8	12 41	7 4	23 16	23 10	5 25		n.a.
W22	19 24	8 44	5 8	11 44	2 55	19 11	0 3	4 57	0 54	23 40	0 12	7 54	2 18	23 4	0 10	21 7	1 8	12 41	7 4	23 17	23 10	5 22		n.a.
T 23	19 38	13 29	5 2	11 41	2 56	19 31	0 1	5 13	0 53	23 41	0 12	7 53	2 18	23 4	0 10	21 7	1 8	12 41	7 4	23 18	23 10	5 19		n.a.
F 24	19 52	17 45	4 41	11 43	2 55	19 51	0s 2	5 29	0 53	23 42	0 12	7 51	2 18	23 3	0 10	21 7	1 8	12 41	7 4	23 18	23 11	5 16		n.a.
S 25	20 6	21 18	4 5	11 48	2 53	20 11	0 4	5 45	0 52	23 43	0 12	7 50	2 18	23 3	0 10	21 8	1 8	12 40	7 4	23 19	23 11	5 13		n.a.
S 26	20 20	23 49	3 16	11 58	2 50	20 30	0 6	6 1	0 52	23 44	0 13	7 49	2 19	23 3	0 10	21 8	1 8	12 40	7 4	23 19	23 11	5 10		n.a.
M27	20 33	25 3	2 15	12 10	2 46	20 48	0 9	6 17	0 52	23 45	0 13	7 48	2 19	23 3	0 10	21 8	1 8	12 40	7 4	23 20	23 12	5 7		n.a.
T 28	20 45	24 49	1 6	12 26	2 41	21 6	0 11	6 33	0 51	23 46	0 13	7 47	2 19	23 2	0 10	21 9	1 7	12 40	7 4	23 20	23 12	5 4		n.a.
W29	20 58	23 4	0s 9	12 44	2 35	21 23	0 14	6 49	0 51	23 46	0 13	7 46	2 19	23 2	0 10	21 9	1 7	12 39	7 4	23 20	23 12	5 1		n.a.
T 30	21s10	19n54	1s23	13s 4	2n29	21s39	0s16	7s 5	0n50	23s47	0s13	7n45	2n20	23n 2	0n10	21s 9	1n 7	12n39	7s 4	23s20	23s12	4s58		n.a.

Julian Day Number = 1605577.5, Delta T = 03h56m28s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°27'02, Lahiri = - 8°20'02 Julian Calendar 1 Nov. 318 BCE == Greg. Calendar 27 Oct. 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 318 BCE
geocentric

DECEMBER 318 BCE (-317) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 18 54	4♐46'14	9♌42	12♏12	6♐14	20♎32	23♐45	16♍ 1	14°R51	10♐21	26°R 5	10♑16	11♑42	7♓29	n.a.	F 1
S 2	4 22 50	5°47'30	23°46	13° 7	7°30	21°12	23°58	16° 4	14♊48	10°23	26♉ 4	10°17	11°39	7°36	n.a.	S 2
S 3	4 26 47	6°48'46	7♍54	14° 5	8°45	21°53	24°12	16° 7	14°45	10°26	26° 3	10°R18	11°35	7°43	n.a.	S 3
M 4	4 30 43	7°50'02	22° 4	15° 7	10° 1	22°33	24°26	16° 9	14°43	10°28	26° 2	10°17	11°32	7°49	n.a.	M 4
T 5	4 34 40	8°51'18	6♎14	16°12	11°16	23°14	24°40	16°12	14°40	10°30	26° 1	10°15	11°29	7°56	n.a.	T 5
W 6	4 38 37	9°52'34	20°22	17°19	12°32	23°55	24°54	16°15	14°38	10°33	25°59	10°11	11°26	8° 3	n.a.	W 6
T 7	4 42 33	10°53'51	4♏23	18°29	13°47	24°35	25° 8	16°17	14°35	10°35	25°58	10° 6	11°23	8° 9	n.a.	T 7
F 8	4 46 30	11°55'07	18°15	19°41	15° 3	25°16	25°22	16°20	14°33	10°37	25°57	10° 2	11°20	8°16	n.a.	F 8
S 9	4 50 26	12°56'23	1♐55	20°55	16°18	25°57	25°36	16°22	14°30	10°39	25°56	9°58	11°16	8°23	n.a.	S 9
S 10	4 54 23	13°57'39	15°19	22°11	17°33	26°37	25°50	16°24	14°27	10°42	25°55	9°54	11°13	8°29	n.a.	S 10
M11	4 58 19	14°58'54	28°25	23°28	18°49	27°18	26° 4	16°27	14°25	10°44	25°54	9°53	11°10	8°36	n.a.	M11
T 12	5 2 16	16° 0'09	11♑14	24°47	20° 4	27°59	26°18	16°29	14°22	10°46	25°53	9°D52	11° 7	8°43	n.a.	T 12
W13	5 6 12	17° 1'23	23°45	26° 6	21°20	28°40	26°32	16°31	14°20	10°48	25°51	9°53	11° 4	8°50	n.a.	W13
T 14	5 10 9	18° 2'36	6♒ 1	27°27	22°35	29°20	26°46	16°32	14°17	10°51	25°50	9°54	11° 1	8°56	n.a.	T 14
F 15	5 14 6	19° 3'49	18° 4	28°49	23°50	0♏ 1	27° 0	16°34	14°14	10°53	25°49	9°56	10°57	9° 3	n.a.	F 15
S 16	5 18 2	20° 5'01	29°59	0♐12	25° 6	0°42	27°14	16°36	14°12	10°55	25°48	9°57	10°54	9°10	n.a.	S 16
S 17	5 21 59	21° 6'12	11♓50	1°36	26°21	1°23	27°29	16°37	14° 9	10°57	25°47	9°59	10°51	9°16	n.a.	S 17
M18	5 25 55	22° 7'21	23°42	3° 1	27°36	2° 4	27°43	16°39	14° 7	11° 0	25°46	9°R59	10°48	9°23	n.a.	M18
T 19	5 29 52	23° 8'30	5♈40	4°27	28°52	2°45	27°57	16°40	14° 4	11° 2	25°45	9°58	10°45	9°30	n.a.	T 19
W20	5 33 48	24° 9'38	17°49	5°53	0♑ 7	3°25	28°11	16°41	14° 1	11° 4	25°44	9°57	10°41	9°37	n.a.	W20
T 21	5 37 45	25°10'45	0♉12	7°20	1°22	4° 6	28°25	16°42	13°59	11° 6	25°43	9°55	10°38	9°43	n.a.	T 21
F 22	5 41 41	26°11'51	12°53	8°48	2°38	4°47	28°39	16°43	13°56	11° 9	25°42	9°53	10°35	9°50	n.a.	F 22
S 23	5 45 38	27°12'55	25°54	10°17	3°53	5°28	28°54	16°44	13°54	11°11	25°41	9°51	10°32	9°57	n.a.	S 23
S 24	5 49 35	28°13'59	9♊17	11°46	5° 8	6° 9	29° 8	16°45	13°51	11°13	25°40	9°50	10°29	10° 3	n.a.	S 24
M25	5 53 31	29°15'02	22°59	13°16	6°23	6°50	29°22	16°46	13°49	11°15	25°39	9°49	10°26	10°10	n.a.	M25
T 26	5 57 28	0♑16'04	7♋ 0	14°47	7°39	7°31	29°36	16°46	13°46	11°17	25°38	9°D48	10°22	10°17	n.a.	T 26
W27	6 1 24	1°17'04	21°14	16°18	8°54	8°12	29°50	16°47	13°44	11°20	25°37	9°48	10°19	10°23	n.a.	W27
T 28	6 5 21	2°18'04	5♌37	17°50	10° 9	8°53	0♑ 5	16°47	13°42	11°22	25°36	9°49	10°16	10°30	n.a.	T 28
F 29	6 9 17	3°19'03	20° 5	19°23	11°24	9°34	0°19	16°47	13°39	11°24	25°35	9°49	10°13	10°37	n.a.	F 29
S 30	6 13 14	4°20'01	4♍31	20°56	12°39	10°15	0°33	16°48	13°37	11°26	25°34	9°50	10°10	10°44	n.a.	S 30
S 31	6 17 11	5♑20'58	18♍52	22♐30	13♑55	10♏56	0♑47	16°R48	13♊34	11♐28	25♉33	9♑50	10♑ 7	10♓50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s21	15n34	2 s34	13 s26	2n22	21 s55	0 s18	7 s21	0n50	23 s48	0 s13	7n44	2n20	23n 2	0n10	21 s10	1n 7	12n39	7 s 3	23 s20	23 s13	4 s55		n.a.
S 2	21 32	10 23	3 35	13 49	2 15	22 10	0 21	7 36	0 50	23 49	0 13	7 43	2 20	23 1	0 10	21 10	1 7	12 39	7 3	23 20	23 13	4 52		n.a.
S 3	21 43	4 38	4 24	14 14	2 8	22 25	0 23	7 52	0 49	23 49	0 13	7 42	2 20	23 1	0 10	21 10	1 7	12 39	7 3	23 20	23 13	4 49		n.a.
M 4	21 53	1 s21	4 57	14 40	2 0	22 38	0 25	8 8	0 49	23 50	0 13	7 41	2 21	23 1	0 10	21 11	1 7	12 38	7 3	23 20	23 14	4 46		n.a.
T 5	22 3	7 16	5 12	15 6	1 52	22 52	0 27	8 23	0 48	23 51	0 13	7 40	2 21	23 0	0 10	21 11	1 7	12 38	7 3	23 20	23 14	4 43		n.a.
W 6	22 12	12 47	5 7	15 33	1 44	23 4	0 30	8 39	0 48	23 52	0 13	7 39	2 21	23 0	0 10	21 11	1 7	12 38	7 3	23 20	23 14	4 40		n.a.
T 7	22 21	17 36	4 45	16 0	1 36	23 16	0 32	8 55	0 47	23 52	0 14	7 39	2 22	23 0	0 10	21 12	1 7	12 38	7 3	23 21	23 14	4 37		n.a.
F 8	22 30	21 24	4 6	16 28	1 28	23 27	0 34	9 10	0 47	23 53	0 14	7 38	2 22	23 0	0 10	21 12	1 7	12 38	7 3	23 21	23 15	4 34		n.a.
S 9	22 38	23 57	3 13	16 56	1 20	23 37	0 36	9 25	0 46	23 53	0 14	7 37	2 22	22 59	0 10	21 12	1 7	12 38	7 3	23 21	23 15	4 31		n.a.
S 10	22 45	25 5	2 11	17 23	1 11	23 47	0 38	9 41	0 46	23 54	0 14	7 37	2 22	22 59	0 10	21 13	1 7	12 37	7 3	23 22	23 15	4 28		n.a.
M11	22 53	24 46	1 3	17 51	1 3	23 56	0 41	9 56	0 45	23 54	0 14	7 36	2 23	22 59	0 10	21 13	1 7	12 37	7 3	23 22	23 15	4 25		n.a.
T 12	22 59	23 8	0n 7	18 19	0 55	24 4	0 43	10 11	0 45	23 55	0 14	7 35	2 23	22 58	0 10	21 13	1 7	12 37	7 3	23 22	23 16	4 23		n.a.
W13	23 6	20 22	1 16	18 46	0 47	24 11	0 45	10 26	0 44	23 55	0 14	7 35	2 23	22 58	0 10	21 14	1 7	12 37	7 2	23 22	23 16	4 20		n.a.
T 14	23 11	16 45	2 19	19 12	0 39	24 18	0 47	10 41	0 44	23 56	0 14	7 34	2 23	22 58	0 10	21 14	1 7	12 37	7 2	23 22	23 16	4 17		n.a.
F 15	23 17	12 30	3 15	19 39	0 31	24 24	0 49	10 56	0 43	23 56	0 14	7 34	2 24	22 58	0 10	21 14	1 7	12 37	7 2	23 21	23 17	4 14		n.a.
S 16	23 21	7 50	4 2	20 4	0 23	24 29	0 51	11 11	0 43	23 57	0 14	7 34	2 24	22 57	0 10	21 15	1 7	12 37	7 2	23 21	23 17	4 11		n.a.
S 17	23 26	2 55	4 39	20 30	0 15	24 34	0 53	11 26	0 42	23 57	0 15	7 33	2 24	22 57	0 10	21 15	1 7	12 36	7 2	23 21	23 17	4 8		n.a.
M18	23 30	2n 6	5 3	20 54	0 7	24 37	0 55	11 41	0 42	23 58	0 15	7 33	2 25	22 57	0 10	21 15	1 7	12 36	7 2	23 21	23 17	4 5		n.a.
T 19	23 33	7 5	5 15	21 18	0 s 0	24 40	0 56	11 56	0 41	23 58	0 15	7 33	2 25	22 56	0 10	21 16	1 7	12 36	7 2	23 21	23 18	4 2		n.a.
W20	23 36	11 53	5 13	21 41	0 8	24 42	0 58	12 10	0 41	23 58	0 15	7 33	2 25	22 56	0 10	21 16	1 7	12 36	7 2	23 21	23 18	3 59		n.a.
T 21	23 39	16 18	4 56	22 3	0 15	24 44	1 0	12 25	0 40	23 58	0 15	7 32	2 25	22 56	0 10	21 16	1 7	12 36	7 1	23 21	23 18	3 56		n.a.
F 22	23 41	20 6	4 25	22 24	0 22	24 44	1 2	12 39	0 40	23 59	0 15	7 32	2 26	22 55	0 10	21 17	1 7	12 36	7 1	23 22	23 18	3 53		n.a.
S 23	23 42	23 1	3 40	22 45	0 29	24 44	1 3	12 54	0 39	23 59	0 15	7 32	2 26	22 55	0 10	21 17	1 7	12 36	7 1	23 22	23 19	3 50		n.a.
S 24	23 43	24 46	2 41	23 4	0 36	24 43	1 5	13 8	0 38	23 59	0 15	7 32	2 26	22 55	0 10	21 17	1 7	12 36	7 1	23 22	23 19	3 47		n.a.
M25	23 44	25 4	1 32	23 23	0 43	24 41	1 7	13 22	0 38	23 59	0 15	7 32	2 27	22 55	0 10	21 18	1 7	12 36	7 1	23 22	23 19	3 44		n.a.
T 26	23 44	23 48	0 16	23 40	0 49	24 39	1 8	13 36	0 37	24 0	0 16	7 32	2 27	22 54	0 10	21 18	1 7	12 35	7 1	23 22	23 19	3 41		n.a.
W27	23 44	21 0	1 s 3	23 56	0 55	24 35	1 10	13 50	0 37	24 0	0 16	7 32	2 27	22 54	0 10	21 18	1 7	12 35	7 1	23 22	23 20	3 38		n.a.
T 28	23 43	16 52	2 18	24 11	1 1	24 31	1 11	14 4	0 36	24 0	0 16	7 32	2 28	22 54	0 10	21 18	1 7	12 35	7 0	23 22	23 20	3 35		n.a.
F 29	23 42	11 43	3 25	24 25	1 7	24 27	1 13	14 18	0 35	24 0	0 16	7 32	2 28	22 53	0 10	21 19	1 7	12 35	7 0	23 22	23 20	3 32		n.a.
S 30	23 40	5 57	4 19	24 38	1 13	24 21	1 14	14 31	0 35	24 0	0 16	7 33	2 28	22 53	0 10	21 19	1 7	12 35	7 0	23 22	23 20	3 29		n.a.
S 31	23 s37	0 s 5	4 s56	24 s49	1 s18	24 s15	1 s15	14 s45	0n34	24 s 0	0 s16	7n33	2n28	22n53	0n10	21 s19	1n 7	12n35	7 s 0	23 s22	23 s21	3 s26		n.a.

Julian Day Number = 1605607.5, Delta T = 03h56m27s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'58, Lahiri = - 8°19'58 Julian Calendar 1 Dec. 318 BCE == Greg. Calendar 26 Nov. 318 BCE

The year -317 astronomical counting style corresponds to year 318 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

JANUARY 317 BCE (-316) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 21 7	6♉21'54	3♎ 5	24♐ 5	15♉10	11♏37	1♉ 1	16°R48	13°R32	11♐30	25°R32	9°R51	10♉ 3	10♓57	n.a.	M 1
T 2	6 25 4	7°22'49	17° 8	25°41	16°25	12°19	1°16	16♍47	13♊30	11°32	25♉32	9♉51	10° 0	11° 4	n.a.	T 2
W 3	6 29 0	8°23'43	0♏58	27°17	17°40	13° 0	1°30	16°47	13°27	11°34	25°31	9°50	9°57	11°10	n.a.	W 3
T 4	6 32 57	9°24'36	14°36	28°54	18°55	13°41	1°44	16°47	13°25	11°37	25°30	9°D50	9°54	11°17	n.a.	T 4
F 5	6 36 53	10°25'28	28° 1	0♉31	20°10	14°22	1°58	16°46	13°23	11°39	25°29	9°50	9°51	11°24	n.a.	F 5
S 6	6 40 50	11°26'20	11♐13	2°10	21°25	15° 3	2°12	16°46	13°21	11°41	25°28	9°50	9°47	11°31	n.a.	S 6
S 7	6 44 46	12°27'09	24°12	3°49	22°40	15°44	2°26	16°45	13°18	11°43	25°28	9°51	9°44	11°37	n.a.	S 7
M 8	6 48 43	13°27'58	6♉57	5°29	23°55	16°26	2°40	16°44	13°16	11°45	25°27	9°R51	9°41	11°44	n.a.	M 8
T 9	6 52 40	14°28'45	19°30	7° 9	25°10	17° 7	2°55	16°43	13°14	11°47	25°26	9°51	9°38	11°51	n.a.	T 9
W10	6 56 36	15°29'31	1♒51	8°51	26°25	17°48	3° 9	16°42	13°12	11°49	25°25	9°50	9°35	11°57	n.a.	W10
T 11	7 0 33	16°30'15	14° 1	10°33	27°40	18°29	3°23	16°41	13°10	11°51	25°25	9°50	9°32	12° 4	n.a.	T 11
F 12	7 4 29	17°30'57	26° 1	12°16	28°55	19°11	3°37	16°40	13° 8	11°53	25°24	9°49	9°28	12°11	n.a.	F 12
S 13	7 8 26	18°31'38	7♓56	14° 0	0♒10	19°52	3°51	16°39	13° 6	11°55	25°23	9°47	9°25	12°17	n.a.	S 13
S 14	7 12 22	19°32'16	19°47	15°45	1°25	20°33	4° 5	16°37	13° 4	11°56	25°23	9°46	9°22	12°24	n.a.	S 14
M15	7 16 19	20°32'53	1♈39	17°31	2°40	21°14	4°19	16°36	13° 2	11°58	25°22	9°45	9°19	12°31	n.a.	M15
T 16	7 20 15	21°33'28	13°35	19°17	3°55	21°56	4°32	16°34	13° 0	12° 0	25°21	9°44	9°16	12°38	n.a.	T 16
W17	7 24 12	22°34'01	25°41	21° 4	5°10	22°37	4°46	16°33	12°58	12° 2	25°21	9°D44	9°13	12°44	n.a.	W17
T 18	7 28 9	23°34'32	8♉ 0	22°53	6°25	23°18	5° 0	16°31	12°57	12° 4	25°20	9°45	9° 9	12°51	n.a.	T 18
F 19	7 32 5	24°35'02	20°38	24°42	7°40	24° 0	5°14	16°29	12°55	12° 6	25°20	9°46	9° 6	12°58	n.a.	F 19
S 20	7 36 2	25°35'29	3♊38	26°32	8°55	24°41	5°28	16°27	12°53	12° 7	25°19	9°47	9° 3	13° 4	n.a.	S 20
S 21	7 39 58	26°35'54	17° 3	28°22	10° 9	25°23	5°42	16°25	12°51	12° 9	25°19	9°48	9° 0	13°11	n.a.	S 21
M22	7 43 55	27°36'18	0♋53	0♒14	11°24	26° 4	5°55	16°23	12°50	12°11	25°18	9°49	8°57	13°18	n.a.	M22
T 23	7 47 51	28°36'39	15° 8	2° 6	12°39	26°45	6° 9	16°20	12°48	12°13	25°18	9°R49	8°53	13°25	n.a.	T 23
W24	7 51 48	29°36'59	29°43	3°59	13°54	27°27	6°23	16°18	12°47	12°14	25°17	9°48	8°50	13°31	n.a.	W24
T 25	7 55 44	0♒37'16	14♌32	5°52	15° 8	28° 8	6°36	16°16	12°45	12°16	25°17	9°47	8°47	13°38	n.a.	T 25
F 26	7 59 41	1°37'32	29°29	7°46	16°23	28°50	6°50	16°13	12°44	12°18	25°16	9°44	8°44	13°45	n.a.	F 26
S 27	8 3 38	2°37'46	14♍23	9°40	17°38	29°31	7° 3	16°10	12°42	12°19	25°16	9°41	8°41	13°51	n.a.	S 27
S 28	8 7 34	3°37'58	29° 7	11°34	18°52	0♐13	7°17	16° 8	12°41	12°21	25°16	9°38	8°38	13°58	n.a.	S 28
M29	8 11 31	4°38'09	13♎36	13°29	20° 7	0°54	7°30	16° 5	12°40	12°22	25°15	9°35	8°34	14° 5	n.a.	M29
T 30	8 15 27	5°38'18	27°45	15°22	21°21	1°36	7°44	16° 2	12°38	12°24	25°15	9°34	8°31	14°12	n.a.	T 30
W31	8 19 24	6♒38'25	11♏33	17♒16	22♒36	2♐17	7♉57	15♍59	12♊37	12♐26	25♉15	9°D34	8♉28	14♓18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s35	6s 3	5s15	24s59	1s23	24s 8	1s17	14s58	0n34	24s 0	0s16	7n33	2n29	22n53	0n10	21s20	1n 7	12n35	7s 0	23s22	23s21	3s24		n.a.
T 2	23 32	11 38	5 15	25 7	1 28	24 0	1 18	15 12	0 33	24 0	0 16	7 33	2 29	22 52	0 10	21 20	1 7	12 35	7 0	23 22	23 21	3 21		n.a.
W 3	23 28	16 34	4 56	25 15	1 32	23 51	1 19	15 25	0 32	24 0	0 16	7 34	2 29	22 52	0 10	21 20	1 7	12 35	7 0	23 22	23 21	3 18		n.a.
T 4	23 24	20 34	4 21	25 20	1 37	23 42	1 20	15 38	0 32	24 0	0 16	7 34	2 30	22 52	0 10	21 20	1 7	12 35	6 59	23 22	23 22	3 15		n.a.
F 5	23 19	23 24	3 32	25 24	1 40	23 32	1 21	15 51	0 31	24 0	0 17	7 35	2 30	22 51	0 10	21 21	1 7	12 35	6 59	23 22	23 22	3 12		n.a.
S 6	23 14	24 55	2 32	25 27	1 44	23 21	1 22	16 4	0 30	24 0	0 17	7 35	2 30	22 51	0 10	21 21	1 7	12 35	6 59	23 22	23 22	3 9		n.a.
S 7	23 9	25 2	1 26	25 28	1 48	23 10	1 23	16 17	0 30	23 59	0 17	7 36	2 30	22 51	0 10	21 21	1 7	12 35	6 59	23 22	23 22	3 6		n.a.
M 8	23 3	23 49	0 16	25 28	1 51	22 58	1 24	16 30	0 29	23 59	0 17	7 36	2 31	22 51	0 10	21 22	1 7	12 35	6 59	23 22	23 23	3 3		n.a.
T 9	22 56	21 25	0n53	25 25	1 53	22 45	1 24	16 42	0 28	23 59	0 17	7 37	2 31	22 50	0 10	21 22	1 7	12 35	6 59	23 22	23 23	3 0		n.a.
W10	22 49	18 4	1 59	25 21	1 56	22 31	1 25	16 55	0 27	23 59	0 17	7 38	2 31	22 50	0 10	21 22	1 7	12 35	6 58	23 22	23 23	2 57		n.a.
T 11	22 42	13 59	2 58	25 16	1 58	22 17	1 26	17 7	0 27	23 59	0 17	7 38	2 31	22 50	0 10	21 22	1 7	12 35	6 58	23 22	23 23	2 54		n.a.
F 12	22 34	9 25	3 49	25 8	1 59	22 2	1 26	17 19	0 26	23 58	0 17	7 39	2 32	22 50	0 10	21 23	1 7	12 35	6 58	23 22	23 23	2 51		n.a.
S 13	22 26	4 32	4 29	24 59	2 0	21 47	1 27	17 31	0 25	23 58	0 17	7 40	2 32	22 49	0 10	21 23	1 7	12 35	6 58	23 22	23 24	2 48		n.a.
S 14	22 17	0n28	4 58	24 48	2 1	21 31	1 27	17 43	0 25	23 58	0 18	7 41	2 32	22 49	0 10	21 23	1 7	12 35	6 58	23 22	23 24	2 45		n.a.
M15	22 8	5 27	5 13	24 35	2 2	21 14	1 28	17 55	0 24	23 57	0 18	7 41	2 33	22 49	0 10	21 23	1 7	12 35	6 58	23 22	23 24	2 42		n.a.
T 16	21 59	10 16	5 16	24 20	2 2	20 56	1 28	18 6	0 23	23 57	0 18	7 42	2 33	22 49	0 10	21 24	1 7	12 35	6 57	23 22	23 24	2 39		n.a.
W17	21 49	14 45	5 4	24 3	2 1	20 38	1 28	18 18	0 22	23 57	0 18	7 43	2 33	22 48	0 10	21 24	1 7	12 35	6 57	23 22	23 25	2 36		n.a.
T 18	21 39	18 44	4 39	23 44	2 0	20 20	1 29	18 29	0 21	23 56	0 18	7 44	2 33	22 48	0 10	21 24	1 8	12 35	6 57	23 22	23 25	2 34		n.a.
F 19	21 28	21 58	4 0	23 23	1 58	20 1	1 29	18 40	0 21	23 56	0 18	7 45	2 34	22 48	0 10	21 24	1 8	12 35	6 57	23 22	23 25	2 31		n.a.
S 20	21 17	24 12	3 7	23 1	1 56	19 41	1 29	18 51	0 20	23 55	0 18	7 46	2 34	22 48	0 10	21 24	1 8	12 35	6 57	23 22	23 25	2 28		n.a.
S 21	21 6	25 8	2 3	22 36	1 54	19 21	1 29	19 2	0 19	23 55	0 18	7 47	2 34	22 47	0 10	21 25	1 8	12 35	6 56	23 22	23 25	2 25		n.a.
M22	20 54	24 33	0 49	22 9	1 51	19 0	1 29	19 13	0 18	23 55	0 19	7 48	2 34	22 47	0 10	21 25	1 8	12 35	6 56	23 22	23 26	2 22		n.a.
T 23	20 42	22 23	0s29	21 40	1 47	18 38	1 29	19 23	0 17	23 54	0 19	7 49	2 35	22 47	0 10	21 25	1 8	12 35	6 56	23 22	23 26	2 19		n.a.
W24	20 29	18 43	1 48	21 10	1 43	18 16	1 29	19 34	0 17	23 53	0 19	7 51	2 35	22 47	0 10	21 25	1 8	12 35	6 56	23 22	23 26	2 16		n.a.
T 25	20 16	13 48	3 0	20 37	1 38	17 54	1 28	19 44	0 16	23 53	0 19	7 52	2 35	22 47	0 10	21 26	1 8	12 36	6 56	23 22	23 26	2 13		n.a.
F 26	20 3	8 3	4 0	20 2	1 32	17 31	1 28	19 54	0 15	23 52	0 19	7 53	2 35	22 46	0 10	21 26	1 8	12 36	6 55	23 22	23 27	2 10		n.a.
S 27	19 49	1 51	4 44	19 26	1 26	17 8	1 28	20 4	0 14	23 52	0 19	7 54	2 36	22 46	0 10	21 26	1 8	12 36	6 55	23 23	23 27	2 7		n.a.
S 28	19 35	4s22	5 9	18 47	1 19	16 44	1 27	20 14	0 13	23 51	0 19	7 55	2 36	22 46	0 10	21 26	1 8	12 36	6 55	23 23	23 27	2 4		n.a.
M29	19 20	10 14	5 13	18 8	1 12	16 20	1 27	20 23	0 12	23 51	0 19	7 57	2 36	22 46	0 10	21 26	1 8	12 36	6 55	23 23	23 27	2 1		n.a.
T 30	19 6	15 26	4 59	17 26	1 4	15 55	1 26	20 33	0 11	23 50	0 20	7 58	2 36	22 46	0 10	21 26	1 8	12 36	6 55	23 23	23 27	1 58		n.a.
W31	18s51	19s42	4s27	16s43	0s55	15s30	1s26	20s42	0n10	23s49	0s20	8n 0	2n37	22n46	0n10	21s27	1n 8	12n36	6s54	23s23	23s28	1s55		n.a.

Julian Day Number = 1605638.5, Delta T = 03h56m25s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'54, Lahiri = - 8°19'54 Julian Calendar 1 Jan. 317 BCE == Greg. Calendar 27 Dec. 318 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

FEBRUARY 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 23 20	7♒38'31	25♏ 1	19♒ 8	23♒50	2♐59	8♑10	15°R56	12°R36	12♐27	25°R15	9♑35	8♑25	14♓25	n.a.	T 1
F 2	8 27 17	8°38'35	8♐ 9	21° 0	25° 5	3°40	8°24	15♏53	12♊35	12°29	25♉14	9°36	8°22	14°32	n.a.	F 2
S 3	8 31 13	9°38'38	21° 1	22°49	26°19	4°22	8°37	15°50	12°34	12°30	25°14	9°38	8°19	14°38	n.a.	S 3
S 4	8 35 10	10°38'38	3♑39	24°37	27°34	5° 3	8°50	15°47	12°33	12°31	25°14	9°R39	8°15	14°45	n.a.	S 4
M 5	8 39 7	11°38'37	16° 5	26°22	28°48	5°45	9° 3	15°43	12°32	12°33	25°14	9°39	8°12	14°52	n.a.	M 5
T 6	8 43 3	12°38'34	28°21	28° 5	0♓ 3	6°26	9°16	15°40	12°31	12°34	25°14	9°37	8° 9	14°59	n.a.	T 6
W 7	8 47 0	13°38'29	10♒29	29°44	1°17	7° 8	9°29	15°36	12°30	12°36	25°13	9°34	8° 6	15° 5	n.a.	W 7
T 8	8 50 56	14°38'21	22°30	1♓19	2°31	7°49	9°42	15°33	12°29	12°37	25°13	9°29	8° 3	15°12	n.a.	T 8
F 9	8 54 53	15°38'12	4♓26	2°49	3°46	8°31	9°55	15°29	12°28	12°38	25°13	9°23	7°59	15°19	n.a.	F 9
S 10	8 58 49	16°38'00	16°19	4°15	5° 0	9°13	10° 8	15°25	12°27	12°39	25°13	9°15	7°56	15°25	n.a.	S 10
S 11	9 2 46	17°37'46	28°10	5°35	6°14	9°54	10°21	15°22	12°27	12°41	25°13	9° 8	7°53	15°32	n.a.	S 11
M12	9 6 42	18°37'30	10♈ 2	6°48	7°28	10°36	10°33	15°18	12°26	12°42	25°D13	9° 2	7°50	15°39	n.a.	M12
T 13	9 10 39	19°37'12	21°58	7°56	8°43	11°17	10°46	15°14	12°25	12°43	25°13	8°56	7°47	15°46	n.a.	T 13
W14	9 14 36	20°36'51	4♉ 2	8°57	9°57	11°59	10°58	15°10	12°25	12°44	25°13	8°53	7°44	15°52	n.a.	W14
T 15	9 18 32	21°36'28	16°18	9°50	11°11	12°40	11°11	15° 6	12°24	12°45	25°13	8°D51	7°40	15°59	n.a.	T 15
F 16	9 22 29	22°36'02	28°50	10°36	12°25	13°22	11°23	15° 2	12°24	12°46	25°13	8°51	7°37	16° 6	n.a.	F 16
S 17	9 26 25	23°35'34	11♊44	11°14	13°39	14° 4	11°36	14°58	12°24	12°47	25°13	8°53	7°34	16°12	n.a.	S 17
S 18	9 30 22	24°35'04	25° 2	11°45	14°53	14°45	11°48	14°54	12°23	12°48	25°13	8°54	7°31	16°19	n.a.	S 18
M19	9 34 18	25°34'31	8♋48	12° 7	16° 7	15°27	12° 0	14°50	12°23	12°49	25°14	8°R55	7°28	16°26	n.a.	M19
T 20	9 38 15	26°33'56	23° 2	12°21	17°21	16° 8	12°12	14°45	12°23	12°50	25°14	8°54	7°25	16°33	n.a.	T 20
W21	9 42 11	27°33'19	7♌43	12°R28	18°35	16°50	12°24	14°41	12°23	12°51	25°14	8°51	7°21	16°39	n.a.	W21
T 22	9 46 8	28°32'39	22°45	12°26	19°49	17°32	12°36	14°37	12°23	12°52	25°14	8°46	7°18	16°46	n.a.	T 22
F 23	9 50 5	29°31'57	7♍59	12°17	21° 2	18°13	12°48	14°33	12°22	12°53	25°14	8°39	7°15	16°53	n.a.	F 23
S 24	9 54 1	0♓31'13	23°14	12° 0	22°16	18°55	13° 0	14°28	12°D22	12°54	25°15	8°31	7°12	16°59	n.a.	S 24
S 25	9 57 58	1°30'27	8♎21	11°37	23°30	19°36	13°12	14°24	12°22	12°55	25°15	8°23	7° 9	17° 6	n.a.	S 25
M26	10 1 54	2°29'38	23° 9	11° 8	24°44	20°18	13°23	14°19	12°23	12°55	25°15	8°16	7° 5	17°13	n.a.	M26
T 27	10 5 51	3°28'48	7♏32	10°33	25°57	21° 0	13°35	14°15	12°23	12°56	25°16	8°11	7° 2	17°20	n.a.	T 27
W28	10 9 47	4°27'57	21°29	9°54	27°11	21°41	13°46	14°10	12°23	12°57	25°16	8° 9	6°59	17°26	n.a.	W28
T 29	10 13 44	5♓27'03	4♐58	9♓10	28♓24	22♐23	13♑58	14♏ 6	12♊23	12♐57	25♉16	8°D 8	6♑56	17♓33	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18s35	22s49	3s41	15s59	0s45	15s 4	1s25	20s51	0n10	23s49	0s20	8n 1	2n37	22n45	0n10	21s27	1n 8	12n36	6s54	23s23	23s28	1s52		n.a.	T 1
F 2	18 19	24 38	2 44	15 14	0 35	14 38	1 24	21 0	0 9	23 48	0 20	8 2	2 37	22 45	0 10	21 27	1 8	12 36	6 54	23 23	23 28	1 50		n.a.	F 2
S 3	18 3	25 6	1 40	14 27	0 24	14 12	1 23	21 9	0 8	23 47	0 20	8 4	2 37	22 45	0 10	21 27	1 8	12 37	6 54	23 23	23 28	1 47		n.a.	S 3
S 4	17 47	24 14	0 33	13 41	0 13	13 45	1 22	21 18	0 7	23 46	0 20	8 5	2 37	22 45	0 10	21 27	1 8	12 37	6 54	23 23	23 28	1 44		n.a.	S 4
M 5	17 30	22 10	0n35	12 53	0 1	13 18	1 21	21 26	0 6	23 46	0 20	8 7	2 38	22 45	0 10	21 27	1 8	12 37	6 53	23 23	23 29	1 41		n.a.	M 5
T 6	17 13	19 6	1 40	12 6	0n12	12 51	1 20	21 34	0 5	23 45	0 21	8 8	2 38	22 45	0 10	21 28	1 8	12 37	6 53	23 23	23 29	1 38		n.a.	T 6
W 7	16 56	15 15	2 40	11 19	0 25	12 23	1 19	21 42	0 4	23 44	0 21	8 10	2 38	22 45	0 10	21 28	1 8	12 37	6 53	23 23	23 29	1 35		n.a.	W 7
T 8	16 39	10 50	3 32	10 33	0 38	11 55	1 18	21 50	0 3	23 43	0 21	8 11	2 38	22 45	0 10	21 28	1 8	12 37	6 53	23 23	23 29	1 32		n.a.	T 8
F 9	16 21	6 3	4 15	9 48	0 52	11 26	1 17	21 58	0 2	23 42	0 21	8 13	2 38	22 44	0 10	21 28	1 8	12 38	6 53	23 24	23 29	1 29		n.a.	F 9
S 10	16 3	1 5	4 45	9 3	1 6	10 58	1 15	22 5	0 1	23 42	0 21	8 15	2 39	22 44	0 10	21 28	1 8	12 38	6 52	23 24	23 30	1 26		n.a.	S 10
S 11	15 44	3n54	5 4	8 21	1 20	10 29	1 14	22 13	0s 0	23 41	0 21	8 16	2 39	22 44	0 10	21 28	1 8	12 38	6 52	23 25	23 30	1 23		n.a.	S 11
M12	15 26	8 45	5 10	7 41	1 33	10 0	1 13	22 20	0 1	23 40	0 21	8 18	2 39	22 44	0 10	21 28	1 8	12 38	6 52	23 25	23 30	1 20		n.a.	M12
T 13	15 7	13 19	5 2	7 2	1 47	9 30	1 11	22 27	0 2	23 39	0 22	8 20	2 39	22 44	0 10	21 29	1 8	12 38	6 52	23 26	23 30	1 17		n.a.	T 13
W14	14 48	17 24	4 41	6 27	2 1	9 0	1 10	22 34	0 3	23 38	0 22	8 21	2 39	22 44	0 10	21 29	1 8	12 39	6 52	23 26	23 30	1 15		n.a.	W14
T 15	14 29	20 50	4 6	5 54	2 14	8 31	1 8	22 40	0 4	23 37	0 22	8 23	2 39	22 44	0 10	21 29	1 8	12 39	6 51	23 26	23 31	1 12		n.a.	T 15
F 16	14 9	23 23	3 20	5 25	2 27	8 0	1 6	22 47	0 5	23 36	0 22	8 25	2 40	22 44	0 10	21 29	1 8	12 39	6 51	23 26	23 31	1 9		n.a.	F 16
S 17	13 49	24 48	2 22	4 59	2 39	7 30	1 5	22 53	0 7	23 35	0 22	8 27	2 40	22 44	0 10	21 29	1 8	12 39	6 51	23 26	23 31	1 6		n.a.	S 17
S 18	13 29	24 53	1 14	4 37	2 51	7 0	1 3	22 59	0 8	23 34	0 22	8 28	2 40	22 44	0 10	21 29	1 8	12 39	6 51	23 26	23 31	1 3		n.a.	S 18
M19	13 9	23 27	0 1	4 19	3 1	6 29	1 1	23 4	0 9	23 33	0 22	8 30	2 40	22 44	0 10	21 29	1 8	12 40	6 51	23 26	23 31	1 0		n.a.	M19
T 20	12 49	20 30	1s16	4 5	3 11	5 58	0 59	23 10	0 10	23 32	0 23	8 32	2 40	22 44	0 10	21 29	1 8	12 40	6 50	23 26	23 31	0 57		n.a.	T 20
W21	12 28	16 10	2 29	3 55	3 19	5 27	0 57	23 15	0 11	23 31	0 23	8 34	2 40	22 44	0 10	21 29	1 8	12 40	6 50	23 26	23 32	0 54		n.a.	W21
T 22	12 7	10 44	3 34	3 49	3 26	4 56	0 55	23 21	0 12	23 30	0 23	8 35	2 40	22 44	0 10	21 30	1 8	12 40	6 50	23 26	23 32	0 51		n.a.	T 22
F 23	11 47	4 36	4 24	3 47	3 32	4 25	0 53	23 26	0 13	23 29	0 23	8 37	2 41	22 44	0 10	21 30	1 8	12 41	6 50	23 27	23 32	0 48		n.a.	F 23
S 24	11 25	1s48	4 55	3 49	3 36	3 53	0 51	23 30	0 15	23 28	0 23	8 39	2 41	22 44	0 10	21 30	1 8	12 41	6 50	23 27	23 32	0 45		n.a.	S 24
S 25	11 4	8 1	5 6	3 56	3 38	3 22	0 49	23 35	0 16	23 27	0 23	8 41	2 41	22 44	0 10	21 30	1 8	12 41	6 49	23 28	23 32	0 43		n.a.	S 25
M26	10 43	13 40	4 56	4 6	3 39	2 50	0 47	23 39	0 17	23 26	0 23	8 43	2 41	22 44	0 10	21 30	1 8	12 41	6 49	23 28	23 32	0 40		n.a.	M26
T 27	10 21	18 24	4 27	4 20	3 38	2 19	0 45	23 43	0 18	23 25	0 24	8 45	2 41	22 44	0 10	21 30	1 8	12 42	6 49	23 29	23 33	0 37		n.a.	T 27
W28	9 59	21 56	3 43	4 38	3 36	1 47	0 42	23 47	0 19	23 24	0 24	8 46	2 41	22 44	0 10	21 30	1 8	12 42	6 49	23 29	23 33	0 34		n.a.	W28
T 29	9s38	24s 8	2s48	4s58	3n31	1s15	0s40	23s51	0s21	23s23	0s24	8n48	2n41	22n44	0n10	21s30	1n 8	12n42	6s49	23s29	23s33	0s31		n.a.	T 29

Julian Day Number = 1605669.5, Delta T = 03h56m24s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'50, Lahiri = - 8°19'49 Julian Calendar 1 Feb. 317 BCE == Greg. Calendar 27 Jan. 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

MARCH 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 17 40	6♓26'08	18♐ 2	8°R24	29♓38	23♐ 4	14♑ 9	14°R 1	12♊24	12♐58	25♉17	8♑ 8	6♑53	17♓40	n.a.	F 1
S 2	10 21 37	7°25'10	0♑46	7♓36	0♈51	23°46	14°20	13♍57	12°24	12°59	25°17	8° 9	6°50	17°46	n.a.	S 2
S 3	10 25 33	8°24'11	13°12	6°47	2° 5	24°28	14°31	13°52	12°24	12°59	25°17	8°R 9	6°46	17°53	n.a.	S 3
M 4	10 29 30	9°23'10	25°26	5°58	3°18	25° 9	14°42	13°48	12°25	13° 0	25°18	8° 7	6°43	18° 0	n.a.	M 4
T 5	10 33 27	10°22'07	7♒30	5°10	4°32	25°51	14°53	13°43	12°25	13° 0	25°18	8° 3	6°40	18° 7	n.a.	T 5
W 6	10 37 23	11°21'02	19°28	4°24	5°45	26°32	15° 4	13°38	12°26	13° 1	25°19	7°57	6°37	18°13	n.a.	W 6
T 7	10 41 20	12°19'54	1♓22	3°41	6°58	27°14	15°15	13°34	12°27	13° 1	25°19	7°47	6°34	18°20	n.a.	T 7
F 8	10 45 16	13°18'45	13°14	3° 0	8°12	27°55	15°25	13°29	12°27	13° 2	25°20	7°36	6°31	18°27	n.a.	F 8
S 9	10 49 13	14°17'34	25° 6	2°24	9°25	28°37	15°36	13°25	12°28	13° 2	25°20	7°23	6°27	18°33	n.a.	S 9
S 10	10 53 9	15°16'20	6♈58	1°52	10°38	29°18	15°46	13°20	12°29	13° 2	25°21	7°10	6°24	18°40	n.a.	S 10
M11	10 57 6	16°15'04	18°53	1°25	11°51	29°59	15°57	13°15	12°30	13° 3	25°22	6°58	6°21	18°47	n.a.	M11
T 12	11 1 2	17°13'47	0♉53	1° 2	13° 4	0♑41	16° 7	13°11	12°31	13° 3	25°22	6°48	6°18	18°54	n.a.	T 12
W13	11 4 59	18°12'26	12°59	0°45	14°17	1°23	16°17	13° 6	12°32	13° 3	25°23	6°41	6°15	19° 0	n.a.	W13
T 14	11 8 55	19°11'04	25°16	0°33	15°30	2° 4	16°27	13° 2	12°33	13° 3	25°24	6°36	6°11	19° 7	n.a.	T 14
F 15	11 12 52	20° 9'39	7♊47	0°27	16°43	2°46	16°37	12°57	12°34	13° 3	25°24	6°33	6° 8	19°14	n.a.	F 15
S 16	11 16 49	21° 8'13	20°35	0°D25	17°56	3°27	16°46	12°53	12°35	13° 4	25°25	6°D33	6° 5	19°20	n.a.	S 16
S 17	11 20 45	22° 6'43	3♋46	0°29	19° 9	4° 8	16°56	12°48	12°36	13° 4	25°26	6°R33	6° 2	19°27	n.a.	S 17
M18	11 24 42	23° 5'12	17°23	0°38	20°22	4°50	17° 6	12°44	12°37	13° 4	25°26	6°33	5°59	19°34	n.a.	M18
T 19	11 28 38	24° 3'38	1♌28	0°51	21°35	5°31	17°15	12°39	12°38	13° 4	25°27	6°31	5°56	19°41	n.a.	T 19
W20	11 32 35	25° 2'02	16° 1	1°10	22°47	6°12	17°24	12°35	12°40	13°R 4	25°28	6°27	5°52	19°47	n.a.	W20
T 21	11 36 31	26° 0'24	0♍58	1°33	24° 0	6°54	17°33	12°30	12°41	13° 4	25°29	6°20	5°49	19°54	n.a.	T 21
F 22	11 40 28	26°58'43	16°12	2° 0	25°13	7°35	17°42	12°26	12°42	13° 4	25°30	6°10	5°46	20° 1	n.a.	F 22
S 23	11 44 24	27°57'01	1♎32	2°32	26°25	8°16	17°51	12°22	12°44	13° 4	25°30	6° 0	5°43	20° 7	n.a.	S 23
S 24	11 48 21	28°55'17	16°48	3° 8	27°38	8°57	18° 0	12°17	12°45	13° 4	25°31	5°49	5°40	20°14	n.a.	S 24
M25	11 52 18	29°53'30	1♏48	3°47	28°50	9°39	18° 9	12°13	12°47	13° 3	25°32	5°39	5°36	20°21	n.a.	M25
T 26	11 56 14	0♈51'43	16°23	4°30	0♉ 2	10°20	18°17	12° 9	12°48	13° 3	25°33	5°32	5°33	20°28	n.a.	T 26
W27	12 0 11	1°49'53	0♐30	5°17	1°15	11° 1	18°26	12° 5	12°50	13° 3	25°34	5°27	5°30	20°34	n.a.	W27
T 28	12 4 7	2°48'03	14° 7	6° 8	2°27	11°42	18°34	12° 0	12°52	13° 3	25°35	5°24	5°27	20°41	n.a.	T 28
F 29	12 8 4	3°46'10	27°15	7° 1	3°39	12°23	18°42	11°56	12°54	13° 2	25°36	5°23	5°24	20°48	n.a.	F 29
S 30	12 12 0	4°44'16	10♑ 0	7°58	4°51	13° 4	18°50	11°52	12°55	13° 2	25°37	5°23	5°21	20°54	n.a.	S 30
S 31	12 15 57	5♈42'21	22♑24	8♓58	6♉ 3	13♑45	18♑58	11♍48	12♊57	13♐ 2	25♉38	5♑23	5♑17	21♓ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s16	24s56	1s46	5s21	3n25	0s43	0s38	23s55	0s22	23s22	0s24	8n50	2n41	22n44	0n10	21s30	1n 8	12n43	6s48	23s29	23s33	0s28		n.a.
S 2	8 53	24 23	0 39	5 47	3 17	0 12	0 35	23 58	0 23	23 21	0 24	8 52	2 41	22 44	0 10	21 30	1 9	12 43	6 48	23 29	23 33	0 25		n.a.
S 3	8 31	22 37	0n27	6 14	3 8	0n20	0 33	24 1	0 24	23 20	0 24	8 54	2 41	22 44	0 10	21 30	1 9	12 43	6 48	23 29	23 34	0 22		n.a.
M 4	8 9	19 50	1 31	6 42	2 57	0 52	0 31	24 4	0 26	23 19	0 25	8 56	2 41	22 44	0 10	21 30	1 9	12 43	6 48	23 29	23 34	0 19		n.a.
T 5	7 46	16 12	2 30	7 11	2 45	1 24	0 28	24 7	0 27	23 18	0 25	8 57	2 41	22 44	0 10	21 30	1 9	12 44	6 48	23 29	23 34	0 16		n.a.
W 6	7 24	11 59	3 21	7 40	2 32	1 55	0 25	24 9	0 28	23 17	0 25	8 59	2 42	22 44	0 10	21 30	1 9	12 44	6 47	23 30	23 34	0 14		n.a.
T 7	7 1	7 20	4 4	8 9	2 18	2 27	0 23	24 12	0 29	23 16	0 25	9 1	2 42	22 44	0 10	21 30	1 9	12 44	6 47	23 30	23 34	0 11		n.a.
F 8	6 38	2 26	4 35	8 37	2 3	2 59	0 20	24 14	0 31	23 15	0 25	9 3	2 42	22 44	0 10	21 30	1 9	12 45	6 47	23 31	23 34	0 8		n.a.
S 9	6 15	2n32	4 55	9 5	1 48	3 30	0 18	24 16	0 32	23 14	0 25	9 5	2 42	22 45	0 10	21 30	1 9	12 45	6 47	23 32	23 34	0 5		n.a.
S 10	5 52	7 24	5 2	9 31	1 32	4 2	0 15	24 17	0 33	23 13	0 26	9 7	2 42	22 45	0 10	21 30	1 9	12 45	6 47	23 32	23 35	0 2		n.a.
M11	5 29	12 1	4 55	9 55	1 16	4 33	0 12	24 19	0 35	23 12	0 26	9 8	2 42	22 45	0 10	21 30	1 9	12 46	6 46	23 33	23 35	0n 1		n.a.
T 12	5 6	16 13	4 36	10 18	1 0	5 5	0 9	24 20	0 36	23 11	0 26	9 10	2 42	22 45	0 10	21 30	1 9	12 46	6 46	23 33	23 35	0 4		n.a.
W13	4 43	19 48	4 4	10 39	0 44	5 36	0 7	24 21	0 37	23 10	0 26	9 12	2 42	22 45	0 10	21 30	1 9	12 46	6 46	23 34	23 35	0 7		n.a.
T 14	4 20	22 33	3 20	10 58	0 29	6 7	0 4	24 22	0 39	23 9	0 26	9 14	2 42	22 45	0 10	21 30	1 9	12 47	6 46	23 34	23 35	0 10		n.a.
F 15	3 57	24 17	2 26	11 14	0 14	6 38	0 1	24 23	0 40	23 8	0 27	9 16	2 42	22 45	0 10	21 30	1 9	12 47	6 46	23 34	23 35	0 12		n.a.
S 16	3 33	24 47	1 24	11 29	0s 1	7 9	0n 2	24 23	0 42	23 7	0 27	9 17	2 42	22 45	0 10	21 30	1 9	12 47	6 45	23 34	23 36	0 15		n.a.
S 17	3 10	23 55	0 15	11 41	0 16	7 39	0 5	24 23	0 43	23 5	0 27	9 19	2 42	22 46	0 10	21 30	1 9	12 48	6 45	23 34	23 36	0 18		n.a.
M18	2 47	21 39	0s57	11 51	0 29	8 10	0 7	24 23	0 45	23 4	0 27	9 21	2 42	22 46	0 10	21 30	1 9	12 48	6 45	23 34	23 36	0 21		n.a.
T 19	2 23	18 0	2 8	11 58	0 43	8 40	0 10	24 23	0 46	23 3	0 27	9 23	2 42	22 46	0 10	21 30	1 9	12 48	6 45	23 34	23 36	0 24		n.a.
W20	2 0	13 10	3 12	12 3	0 55	9 10	0 13	24 23	0 47	23 2	0 27	9 24	2 42	22 46	0 10	21 30	1 9	12 49	6 45	23 35	23 36	0 27		n.a.
T 21	1 36	7 26	4 6	12 6	1 7	9 40	0 16	24 22	0 49	23 1	0 28	9 26	2 42	22 46	0 10	21 30	1 9	12 49	6 45	23 35	23 36	0 30		n.a.
F 22	1 13	1 11	4 43	12 7	1 19	10 10	0 19	24 21	0 50	23 0	0 28	9 28	2 42	22 46	0 10	21 30	1 9	12 49	6 44	23 35	23 36	0 33		n.a.
S 23	0 50	5s11	5 0	12 5	1 29	10 39	0 22	24 20	0 52	22 59	0 28	9 29	2 42	22 47	0 10	21 30	1 9	12 50	6 44	23 36	23 37	0 36		n.a.
S 24	0 26	11 12	4 55	12 1	1 39	11 8	0 25	24 19	0 53	22 58	0 28	9 31	2 41	22 47	0 10	21 30	1 9	12 50	6 44	23 36	23 37	0 38		n.a.
M25	0 3	16 27	4 30	11 55	1 48	11 37	0 28	24 18	0 55	22 57	0 28	9 33	2 41	22 47	0 10	21 30	1 9	12 51	6 44	23 37	23 37	0 41		n.a.
T 26	0n21	20 35	3 48	11 47	1 57	12 6	0 31	24 16	0 57	22 56	0 29	9 34	2 41	22 47	0 10	21 30	1 9	12 51	6 44	23 37	23 37	0 44		n.a.
W27	0 44	23 20	2 53	11 37	2 5	12 34	0 34	24 14	0 58	22 55	0 29	9 36	2 41	22 47	0 10	21 30	1 9	12 51	6 43	23 37	23 37	0 47		n.a.
T 28	1 8	24 36	1 50	11 25	2 12	13 2	0 36	24 12	1 0	22 55	0 29	9 37	2 41	22 48	0 10	21 30	1 9	12 52	6 43	23 37	23 37	0 50		n.a.
F 29	1 31	24 25	0 43	11 11	2 19	13 30	0 39	24 10	1 1	22 54	0 29	9 39	2 41	22 48	0 10	21 30	1 9	12 52	6 43	23 37	23 37	0 53		n.a.
S 30	1 54	22 57	0n24	10 55	2 25	13 58	0 42	24 7	1 3	22 53	0 29	9 40	2 41	22 48	0 10	21 30	1 9	12 52	6 43	23 37	23 37	0 56		n.a.
S 31	2n18	20s23	1n29	10s37	2s30	14n25	0n45	24s 5	1s 4	22s52	0s30	9n42	2n41	22n48	0n10	21s30	1n 9	12n53	6s43	23s37	23s38	0n58		n.a.

Julian Day Number = 1605698.5, Delta T = 03h56m23s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'46, Lahiri = - 8°19'45 Julian Calendar 1 March 317 BCE == Greg. Calendar 25 Feb. 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

APRIL 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 19 53	6♈40'24	4♒33	10♓ 0	7♉15	14♊26	19♊ 6	11°R44	12♊59	13°R 1	25♉39	5°R21	5♊14	21♓ 8	n.a.	M 1
T 2	12 23 50	7°38'25	16°33	11° 6	8°27	15° 7	19°13	11♍40	13° 1	13♐ 1	25°40	5♊16	5°11	21°15	n.a.	T 2
W 3	12 27 47	8°36'25	28°26	12°14	9°39	15°48	19°21	11°36	13° 3	13° 1	25°41	5° 9	5° 8	21°21	n.a.	W 3
T 4	12 31 43	9°34'23	10♓17	13°24	10°51	16°29	19°28	11°33	13° 5	13° 0	25°42	4°59	5° 5	21°28	n.a.	T 4
F 5	12 35 40	10°32'20	22° 8	14°38	12° 3	17° 9	19°35	11°29	13° 7	13° 0	25°43	4°46	5° 2	21°35	n.a.	F 5
S 6	12 39 36	11°30'15	4♈ 1	15°53	13°15	17°50	19°42	11°25	13° 9	12°59	25°44	4°33	4°58	21°42	n.a.	S 6
S 7	12 43 33	12°28'09	15°57	17°11	14°27	18°31	19°49	11°22	13°11	12°58	25°45	4°19	4°55	21°48	n.a.	S 7
M 8	12 47 29	13°26'01	27°58	18°32	15°38	19°12	19°56	11°18	13°13	12°58	25°46	4° 6	4°52	21°55	n.a.	M 8
T 9	12 51 26	14°23'51	10♉ 6	19°54	16°50	19°52	20° 2	11°15	13°16	12°57	25°47	3°54	4°49	22° 2	n.a.	T 9
W10	12 55 22	15°21'40	22°21	21°19	18° 1	20°33	20° 9	11°11	13°18	12°57	25°48	3°46	4°46	22° 8	n.a.	W10
T 11	12 59 19	16°19'27	4♊46	22°46	19°13	21°13	20°15	11° 8	13°20	12°56	25°49	3°40	4°42	22°15	n.a.	T 11
F 12	13 3 15	17°17'12	17°22	24°16	20°24	21°53	20°21	11° 5	13°23	12°55	25°51	3°37	4°39	22°22	n.a.	F 12
S 13	13 7 12	18°14'56	0♋14	25°47	21°35	22°34	20°27	11° 1	13°25	12°54	25°52	3°D36	4°36	22°29	n.a.	S 13
S 14	13 11 9	19°12'37	13°24	27°21	22°47	23°14	20°33	10°58	13°27	12°54	25°53	3°R36	4°33	22°35	n.a.	S 14
M15	13 15 5	20°10'18	26°56	28°57	23°58	23°54	20°38	10°55	13°30	12°53	25°54	3°36	4°30	22°42	n.a.	M15
T 16	13 19 2	21° 7'56	10♌51	0♈35	25° 9	24°34	20°44	10°52	13°32	12°52	25°55	3°35	4°27	22°49	n.a.	T 16
W17	13 22 58	22° 5'33	25°11	2°15	26°20	25°15	20°49	10°49	13°35	12°51	25°57	3°31	4°23	22°55	n.a.	W17
T 18	13 26 55	23° 3'07	9♍53	3°57	27°31	25°55	20°54	10°47	13°37	12°50	25°58	3°25	4°20	23° 2	n.a.	T 18
F 19	13 30 51	24° 0'41	24°52	5°42	28°42	26°34	20°59	10°44	13°40	12°49	25°59	3°17	4°17	23° 9	n.a.	F 19
S 20	13 34 48	24°58'13	10♎ 0	7°28	29°53	27°14	21° 4	10°41	13°43	12°49	26° 0	3° 8	4°14	23°16	n.a.	S 20
S 21	13 38 44	25°55'43	25° 7	9°17	1♊ 3	27°54	21° 8	10°39	13°45	12°48	26° 2	2°58	4°11	23°22	n.a.	S 21
M22	13 42 41	26°53'12	10♏ 3	11° 8	2°14	28°34	21°13	10°36	13°48	12°47	26° 3	2°49	4° 7	23°29	n.a.	M22
T 23	13 46 38	27°50'41	24°39	13° 0	3°25	29°13	21°17	10°34	13°51	12°46	26° 4	2°42	4° 4	23°36	n.a.	T 23
W24	13 50 34	28°48'08	8♐50	14°55	4°35	29°53	21°21	10°31	13°54	12°45	26° 5	2°38	4° 1	23°42	n.a.	W24
T 25	13 54 31	29°45'34	22°32	16°52	5°45	0♒32	21°25	10°29	13°56	12°44	26° 7	2°36	3°58	23°49	n.a.	T 25
F 26	13 58 27	0♑43'00	5♑46	18°51	6°56	1°12	21°29	10°27	13°59	12°42	26° 8	2°D35	3°55	23°56	n.a.	F 26
S 27	14 2 24	1°40'24	18°34	20°52	8° 6	1°51	21°32	10°25	14° 2	12°41	26° 9	2°36	3°52	24° 3	n.a.	S 27
S 28	14 6 20	2°37'48	1♒ 2	22°55	9°16	2°30	21°36	10°23	14° 5	12°40	26°11	2°R36	3°48	24° 9	n.a.	S 28
M29	14 10 17	3°35'11	13°13	25° 0	10°26	3° 9	21°39	10°21	14° 8	12°39	26°12	2°36	3°45	24°16	n.a.	M29
T 30	14 14 14	4♉32'33	25♒13	27♈ 6	11♊36	3♒48	21♊42	10♍19	14♊11	12♐38	26♉13	2♊34	3♊42	24♓23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n41	16s58	2n28	10s17	2s34	14n52	0n48	24s 2	1s 6	22s51	0s30	9n43	2n41	22n49	0n10	21s30	1n 9	12n53	6s43	23s37	23s38	1n 1		n.a.
T 2	3 4	12 55	3 19	9 56	2 38	15 18	0 51	23 59	1 8	22 50	0 30	9 45	2 41	22 49	0 10	21 30	1 9	12 54	6 42	23 38	23 38	1 4		n.a.
W 3	3 27	8 24	4 1	9 32	2 41	15 44	0 54	23 56	1 9	22 49	0 30	9 46	2 41	22 49	0 10	21 29	1 9	12 54	6 42	23 38	23 38	1 7		n.a.
T 4	3 50	3 36	4 33	9 7	2 44	16 10	0 57	23 53	1 11	22 48	0 30	9 47	2 41	22 49	0 10	21 29	1 9	12 54	6 42	23 38	23 38	1 10		n.a.
F 5	4 13	1n19	4 52	8 40	2 46	16 35	0 59	23 49	1 13	22 47	0 31	9 49	2 41	22 50	0 10	21 29	1 9	12 55	6 42	23 39	23 38	1 13		n.a.
S 6	4 36	6 11	5 0	8 12	2 47	17 0	1 2	23 45	1 14	22 47	0 31	9 50	2 40	22 50	0 10	21 29	1 9	12 55	6 42	23 39	23 38	1 16		n.a.
S 7	4 59	10 51	4 54	7 42	2 48	17 24	1 5	23 41	1 16	22 46	0 31	9 51	2 40	22 50	0 10	21 29	1 10	12 56	6 42	23 40	23 38	1 18		n.a.
M 8	5 22	15 8	4 34	7 10	2 48	17 48	1 8	23 37	1 18	22 45	0 31	9 53	2 40	22 50	0 10	21 29	1 10	12 56	6 42	23 40	23 39	1 21		n.a.
T 9	5 45	18 51	4 3	6 36	2 47	18 12	1 10	23 33	1 19	22 44	0 32	9 54	2 40	22 51	0 10	21 29	1 10	12 56	6 41	23 41	23 39	1 24		n.a.
W10	6 7	21 48	3 20	6 1	2 46	18 35	1 13	23 29	1 21	22 44	0 32	9 55	2 40	22 51	0 10	21 29	1 10	12 57	6 41	23 41	23 39	1 27		n.a.
T 11	6 30	23 45	2 26	5 25	2 45	18 57	1 16	23 24	1 23	22 43	0 32	9 56	2 40	22 51	0 10	21 29	1 10	12 57	6 41	23 41	23 39	1 30		n.a.
F 12	6 52	24 32	1 25	4 47	2 42	19 20	1 18	23 19	1 25	22 42	0 32	9 57	2 40	22 52	0 10	21 29	1 10	12 58	6 41	23 41	23 39	1 33		n.a.
S 13	7 14	24 2	0 18	4 7	2 39	19 41	1 21	23 14	1 26	22 41	0 32	9 58	2 39	22 52	0 10	21 28	1 10	12 58	6 41	23 41	23 39	1 36		n.a.
S 14	7 37	22 11	0s52	3 27	2 36	20 2	1 24	23 9	1 28	22 41	0 33	10 0	2 39	22 52	0 10	21 28	1 10	12 58	6 41	23 41	23 39	1 38		n.a.
M15	7 59	19 4	2 0	2 44	2 32	20 23	1 26	23 4	1 30	22 40	0 33	10 1	2 39	22 52	0 10	21 28	1 10	12 59	6 41	23 41	23 39	1 41		n.a.
T 16	8 21	14 47	3 4	2 1	2 27	20 43	1 29	22 58	1 32	22 40	0 33	10 2	2 39	22 53	0 10	21 28	1 10	12 59	6 40	23 41	23 39	1 44		n.a.
W17	8 42	9 33	3 58	1 16	2 22	21 3	1 31	22 53	1 33	22 39	0 33	10 3	2 39	22 53	0 10	21 28	1 10	13 0	6 40	23 41	23 40	1 47		n.a.
T 18	9 4	3 41	4 37	0 29	2 16	21 22	1 33	22 47	1 35	22 38	0 34	10 3	2 39	22 53	0 10	21 28	1 10	13 0	6 40	23 41	23 40	1 50		n.a.
F 19	9 26	2s30	4 59	0n18	2 10	21 40	1 36	22 41	1 37	22 38	0 34	10 4	2 39	22 54	0 10	21 28	1 10	13 0	6 40	23 42	23 40	1 53		n.a.
S 20	9 47	8 36	5 0	1 7	2 3	21 58	1 38	22 35	1 39	22 37	0 34	10 5	2 38	22 54	0 10	21 28	1 10	13 1	6 40	23 42	23 40	1 55		n.a.
S 21	10 8	14 10	4 40	1 57	1 56	22 15	1 40	22 29	1 41	22 37	0 34	10 6	2 38	22 54	0 11	21 27	1 10	13 1	6 40	23 42	23 40	1 58		n.a.
M22	10 29	18 49	4 1	2 48	1 48	22 32	1 43	22 23	1 43	22 36	0 34	10 7	2 38	22 55	0 11	21 27	1 10	13 2	6 40	23 42	23 40	2 1		n.a.
T 23	10 50	22 11	3 7	3 40	1 40	22 48	1 45	22 16	1 45	22 36	0 35	10 8	2 38	22 55	0 11	21 27	1 10	13 2	6 40	23 42	23 40	2 4		n.a.
W24	11 11	24 4	2 3	4 33	1 31	23 4	1 47	22 9	1 46	22 35	0 35	10 8	2 38	22 55	0 11	21 27	1 10	13 3	6 39	23 42	23 40	2 7		n.a.
T 25	11 31	24 25	0 53	5 27	1 22	23 19	1 49	22 3	1 48	22 35	0 35	10 9	2 38	22 56	0 11	21 27	1 10	13 3	6 39	23 42	23 40	2 10		n.a.
F 26	11 52	23 20	0n17	6 21	1 13	23 33	1 51	21 56	1 50	22 35	0 35	10 10	2 37	22 56	0 11	21 27	1 10	13 3	6 39	23 42	23 41	2 12		n.a.
S 27	12 12	21 2	1 24	7 16	1 3	23 47	1 53	21 49	1 52	22 34	0 36	10 10	2 37	22 56	0 11	21 27	1 10	13 4	6 39	23 42	23 41	2 15		n.a.
S 28	12 32	17 48	2 26	8 12	0 53	24 0	1 54	21 42	1 54	22 34	0 36	10 11	2 37	22 57	0 11	21 26	1 10	13 4	6 39	23 42	23 41	2 18		n.a.
M29	12 52	13 53	3 19	9 8	0 43	24 12	1 56	21 34	1 56	22 34	0 36	10 11	2 37	22 57	0 11	21 26	1 10	13 5	6 39	23 42	23 41	2 21		n.a.
T 30	13n12	9s28	4n 3	10n 4	0s32	24n24	1n58	21s27	1s58	22s34	0s36	10n12	2n37	22n57	0n11	21s26	1n10	13n 5	6s39	23s43	23s41	2n24		n.a.

Julian Day Number = 1605729.5, Delta T = 03h56m22s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'42, Lahiri = - 8°19'41 Julian Calendar 1 Apr. 317 BCE == Greg. Calendar 27 March 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

MAY 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 18 10	5♉29'54	7♓ 6	29♈13	12♊46	4♒27	21♑45	10°R18	14♊14	12°R37	26♉15	2°R29	3♑39	24♓30	n.a.	W 1
T 2	14 22 7	6°27'14	18°57	1♉22	13°56	5° 6	21°47	10♍16	14°17	12♐36	26°16	2♑23	3°36	24°36	n.a.	T 2
F 3	14 26 3	7°24'34	0♈49	3°32	15° 6	5°45	21°50	10°15	14°20	12°34	26°17	2°14	3°33	24°43	n.a.	F 3
S 4	14 30 0	8°21'53	12°45	5°43	16°16	6°23	21°52	10°13	14°23	12°33	26°19	2° 4	3°29	24°50	n.a.	S 4
S 5	14 33 56	9°19'11	24°48	7°54	17°25	7° 2	21°54	10°12	14°26	12°32	26°20	1°54	3°26	24°56	n.a.	S 5
M 6	14 37 53	10°16'29	6♉58	10° 6	18°35	7°40	21°56	10°11	14°29	12°30	26°22	1°45	3°23	25° 3	n.a.	M 6
T 7	14 41 49	11°13'46	19°17	12°18	19°44	8°18	21°58	10°10	14°32	12°29	26°23	1°37	3°20	25°10	n.a.	T 7
W 8	14 45 46	12°11'02	1♊47	14°29	20°53	8°56	21°59	10° 9	14°36	12°28	26°24	1°31	3°17	25°17	n.a.	W 8
T 9	14 49 42	13° 8'17	14°26	16°41	22° 3	9°34	22° 1	10° 8	14°39	12°27	26°26	1°28	3°13	25°23	n.a.	T 9
F 10	14 53 39	14° 5'31	27°18	18°51	23°12	10°12	22° 2	10° 7	14°42	12°25	26°27	1°D26	3°10	25°30	n.a.	F 10
S 11	14 57 36	15° 2'45	10♋22	21° 0	24°21	10°50	22° 3	10° 6	14°45	12°24	26°29	1°27	3° 7	25°37	n.a.	S 11
S 12	15 1 32	15°59'58	23°41	23° 9	25°29	11°27	22° 3	10° 5	14°48	12°22	26°30	1°28	3° 4	25°44	n.a.	S 12
M13	15 5 29	16°57'09	7♌17	25°15	26°38	12° 4	22° 4	10° 5	14°52	12°21	26°31	1°29	3° 1	25°50	n.a.	M13
T 14	15 9 25	17°54'20	21° 9	27°21	27°47	12°42	22° 4	10° 4	14°55	12°20	26°33	1°R29	2°58	25°57	n.a.	T 14
W15	15 13 22	18°51'30	5♍19	29°24	28°55	13°19	22°R 5	10° 4	14°58	12°18	26°34	1°28	2°54	26° 4	n.a.	W15
T 16	15 17 18	19°48'39	19°45	1♊26	0♋ 4	13°56	22° 5	10° 4	15° 2	12°17	26°36	1°25	2°51	26°10	n.a.	T 16
F 17	15 21 15	20°45'47	4♎23	3°25	1°12	14°32	22° 4	10° 4	15° 5	12°15	26°37	1°21	2°48	26°17	n.a.	F 17
S 18	15 25 12	21°42'55	19° 8	5°23	2°20	15° 9	22° 4	10°D 4	15° 9	12°14	26°39	1°15	2°45	26°24	n.a.	S 18
S 19	15 29 8	22°40'02	3♏54	7°19	3°28	15°45	22° 3	10° 4	15°12	12°12	26°40	1° 9	2°42	26°31	n.a.	S 19
M20	15 33 5	23°37'09	18°31	9°12	4°36	16°21	22° 3	10° 4	15°15	12°11	26°41	1° 4	2°39	26°37	n.a.	M20
T 21	15 37 1	24°34'15	2♐53	11° 3	5°44	16°57	22° 2	10° 4	15°19	12° 9	26°43	1° 0	2°35	26°44	n.a.	T 21
W22	15 40 58	25°31'21	16°56	12°52	6°52	17°33	22° 1	10° 5	15°22	12° 8	26°44	0°58	2°32	26°51	n.a.	W22
T 23	15 44 54	26°28'27	0♑34	14°39	7°59	18° 9	21°59	10° 5	15°26	12° 6	26°46	0°D57	2°29	26°57	n.a.	T 23
F 24	15 48 51	27°25'33	13°48	16°23	9° 7	18°44	21°58	10° 6	15°29	12° 5	26°47	0°58	2°26	27° 4	n.a.	F 24
S 25	15 52 47	28°22'39	26°39	18° 6	10°14	19°20	21°56	10° 6	15°33	12° 3	26°49	0°59	2°23	27°11	n.a.	S 25
S 26	15 56 44	29°19'45	9♒10	19°46	11°21	19°55	21°54	10° 7	15°36	12° 1	26°50	1° 1	2°19	27°18	n.a.	S 26
M27	16 0 41	0♊16'51	21°24	21°23	12°28	20°30	21°52	10° 8	15°40	12° 0	26°52	1° 2	2°16	27°24	n.a.	M27
T 28	16 4 37	1°13'57	3♓26	22°59	13°35	21° 4	21°50	10° 9	15°43	11°58	26°53	1°R 2	2°13	27°31	n.a.	T 28
W29	16 8 34	2°11'03	15°21	24°32	14°41	21°39	21°47	10°10	15°47	11°57	26°54	1° 1	2°10	27°38	n.a.	W29
T 30	16 12 30	3° 8'10	27°14	26° 3	15°48	22°13	21°45	10°11	15°50	11°55	26°56	0°59	2° 7	27°45	n.a.	T 30
F 31	16 16 27	4♊ 5'16	9♈ 8	27♊31	16♋54	22♒47	21♑42	10♍12	15♊54	11♐54	26♉57	0♑56	2♑ 4	27♓51	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n31	4s45	4n36	11n 0	0s22	24n35	2n 0	21s19	2s 0	22s33	0s37	10n12	2n36	22n58	0n11	21s26	1n10	13n 5	6s39	23s43	23s41	2n26		n.a.
T 2	13 50	0n 7	4 57	11 55	0 11	24 45	2 1	21 12	2 2	22 33	0 37	10 13	2 36	22 58	0 11	21 26	1 10	13 6	6 39	23 43	23 41	2 29		n.a.
F 3	14 9	4 59	5 5	12 51	0 0	24 55	2 3	21 4	2 4	22 33	0 37	10 13	2 36	22 59	0 11	21 26	1 10	13 6	6 38	23 43	23 41	2 32		n.a.
S 4	14 28	9 41	5 0	13 45	0n10	25 4	2 4	20 56	2 6	22 33	0 37	10 14	2 36	22 59	0 11	21 25	1 10	13 7	6 38	23 43	23 41	2 35		n.a.
S 5	14 47	14 4	4 41	14 39	0 21	25 13	2 5	20 48	2 8	22 33	0 38	10 14	2 36	22 59	0 11	21 25	1 10	13 7	6 38	23 43	23 41	2 38		n.a.
M 6	15 5	17 56	4 10	15 31	0 31	25 20	2 7	20 40	2 10	22 33	0 38	10 14	2 35	23 0	0 11	21 25	1 10	13 7	6 38	23 43	23 41	2 40		n.a.
T 7	15 23	21 4	3 27	16 22	0 41	25 27	2 8	20 32	2 12	22 33	0 38	10 14	2 35	23 0	0 11	21 25	1 10	13 8	6 38	23 43	23 41	2 43		n.a.
W 8	15 41	23 16	2 33	17 11	0 51	25 33	2 9	20 24	2 14	22 33	0 38	10 15	2 35	23 0	0 11	21 25	1 10	13 8	6 38	23 43	23 42	2 46		n.a.
T 9	15 58	24 19	1 30	17 59	1 0	25 39	2 10	20 16	2 16	22 33	0 39	10 15	2 35	23 1	0 11	21 24	1 10	13 9	6 38	23 44	23 42	2 49		n.a.
F 10	16 16	24 5	0 22	18 44	1 9	25 44	2 11	20 7	2 18	22 33	0 39	10 15	2 34	23 1	0 11	21 24	1 10	13 9	6 38	23 44	23 42	2 52		n.a.
S 11	16 33	22 31	0s48	19 28	1 17	25 48	2 11	19 59	2 20	22 33	0 39	10 15	2 34	23 2	0 11	21 24	1 10	13 9	6 38	23 44	23 42	2 54		n.a.
S 12	16 50	19 42	1 57	20 9	1 24	25 51	2 12	19 50	2 23	22 33	0 39	10 15	2 34	23 2	0 11	21 24	1 10	13 10	6 38	23 44	23 42	2 57		n.a.
M13	17 6	15 45	3 1	20 47	1 31	25 54	2 13	19 42	2 25	22 33	0 40	10 15	2 34	23 2	0 11	21 24	1 10	13 10	6 38	23 44	23 42	3 0		n.a.
T 14	17 23	10 54	3 56	21 24	1 38	25 56	2 13	19 33	2 27	22 33	0 40	10 15	2 34	23 3	0 11	21 23	1 10	13 11	6 38	23 44	23 42	3 3		n.a.
W15	17 39	5 22	4 38	21 57	1 43	25 58	2 14	19 24	2 29	22 34	0 40	10 15	2 33	23 3	0 11	21 23	1 10	13 11	6 37	23 44	23 42	3 6		n.a.
T 16	17 54	0s32	5 3	22 28	1 48	25 58	2 14	19 15	2 31	22 34	0 40	10 15	2 33	23 3	0 11	21 23	1 10	13 11	6 37	23 44	23 42	3 8		n.a.
F 17	18 10	6 29	5 9	22 56	1 53	25 58	2 14	19 7	2 33	22 34	0 41	10 15	2 33	23 4	0 11	21 23	1 10	13 12	6 37	23 44	23 42	3 11		n.a.
S 18	18 25	12 7	4 55	23 22	1 56	25 57	2 15	18 58	2 35	22 34	0 41	10 14	2 33	23 4	0 11	21 23	1 10	13 12	6 37	23 44	23 42	3 14		n.a.
S 19	18 40	17 3	4 21	23 45	1 59	25 56	2 15	18 49	2 38	22 35	0 41	10 14	2 32	23 5	0 11	21 22	1 10	13 13	6 37	23 44	23 42	3 17		n.a.
M20	18 54	20 54	3 30	24 6	2 1	25 54	2 15	18 40	2 40	22 35	0 41	10 14	2 32	23 5	0 11	21 22	1 10	13 13	6 37	23 44	23 42	3 20		n.a.
T 21	19 9	23 23	2 27	24 24	2 3	25 51	2 14	18 31	2 42	22 36	0 42	10 14	2 32	23 5	0 11	21 22	1 10	13 13	6 37	23 44	23 42	3 22		n.a.
W22	19 23	24 20	1 16	24 40	2 4	25 47	2 14	18 22	2 44	22 36	0 42	10 13	2 32	23 6	0 11	21 22	1 10	13 14	6 37	23 44	23 43	3 25		n.a.
T 23	19 36	23 46	0 2	24 53	2 4	25 43	2 14	18 13	2 46	22 36	0 42	10 13	2 32	23 6	0 11	21 22	1 10	13 14	6 37	23 44	23 43	3 28		n.a.
F 24	19 50	21 51	1n10	25 4	2 3	25 38	2 13	18 4	2 49	22 37	0 42	10 12	2 31	23 7	0 11	21 21	1 10	13 14	6 37	23 44	23 43	3 31		n.a.
S 25	20 3	18 52	2 16	25 13	2 2	25 32	2 13	17 54	2 51	22 38	0 43	10 12	2 31	23 7	0 11	21 21	1 10	13 15	6 37	23 44	23 43	3 33		n.a.
S 26	20 15	15 4	3 14	25 20	2 0	25 26	2 12	17 45	2 53	22 38	0 43	10 11	2 31	23 7	0 11	21 21	1 10	13 15	6 37	23 44	23 43	3 36		n.a.
M27	20 28	10 44	4 1	25 24	1 58	25 19	2 11	17 36	2 55	22 39	0 43	10 11	2 31	23 8	0 11	21 21	1 10	13 15	6 37	23 44	23 43	3 39		n.a.
T 28	20 40	6 4	4 38	25 27	1 54	25 11	2 10	17 27	2 58	22 39	0 44	10 10	2 30	23 8	0 11	21 21	1 10	13 16	6 37	23 44	23 43	3 42		n.a.
W29	20 51	1 13	5 1	25 28	1 51	25 3	2 9	17 18	3 0	22 40	0 44	10 10	2 30	23 8	0 11	21 20	1 10	13 16	6 37	23 44	23 43	3 45		n.a.
T 30	21 3	3n39	5 12	25 26	1 46	24 54	2 8	17 9	3 2	22 41	0 44	10 9	2 30	23 9	0 11	21 20	1 10	13 17	6 37	23 44	23 43	3 47		n.a.
F 31	21n13	8n24	5n10	25n24	1n41	24n45	2n 7	16s59	3s 4	22s41	0s44	10n 8	2n30	23n 9	0n11	21s20	1n10	13n17	6s37	23s44	23s43	3n50		n.a.

Julian Day Number = 1605759.5, Delta T = 03h56m21s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'38, Lahiri = - 8°19'37 Julian Calendar 1 May 317 BCE == Greg. Calendar 26 Apr. 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

JUNE 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 20 23	5♊ 2'23	21♈ 8	28♊58	18♋ 1	23♒20	21°R39	10♍14	15♊58	11°R52	26♉59	0°R52	2♑ 0	27♓58	n.a.	S 1
S 2	16 24 20	5°59'30	3♉17	0♋21	19° 7	23°54	21♑35	10°15	16° 1	11♐50	27° 0	0♑48	1°57	28° 5	n.a.	S 2
M 3	16 28 16	6°56'38	15°36	1°43	20°12	24°27	21°32	10°17	16° 5	11°49	27° 2	0°44	1°54	28°11	n.a.	M 3
T 4	16 32 13	7°53'45	28° 8	3° 2	21°18	25° 0	21°29	10°18	16° 8	11°47	27° 3	0°41	1°51	28°18	n.a.	T 4
W 5	16 36 10	8°50'53	10♊54	4°18	22°24	25°33	21°25	10°20	16°12	11°46	27° 4	0°39	1°48	28°25	n.a.	W 5
T 6	16 40 6	9°48'02	23°54	5°32	23°29	26° 5	21°21	10°22	16°16	11°44	27° 6	0°38	1°45	28°32	n.a.	T 6
F 7	16 44 3	10°45'10	7♋ 7	6°43	24°34	26°37	21°17	10°24	16°19	11°42	27° 7	0°D38	1°41	28°38	n.a.	F 7
S 8	16 47 59	11°42'18	20°33	7°52	25°39	27° 9	21°13	10°26	16°23	11°41	27° 9	0°39	1°38	28°45	n.a.	S 8
S 9	16 51 56	12°39'27	4♌11	8°58	26°44	27°40	21° 8	10°28	16°26	11°39	27°10	0°40	1°35	28°52	n.a.	S 9
M10	16 55 52	13°36'36	18° 1	10° 1	27°48	28°11	21° 3	10°30	16°30	11°37	27°11	0°41	1°32	28°59	n.a.	M10
T 11	16 59 49	14°33'44	2♍ 1	11° 1	28°53	28°42	20°59	10°32	16°34	11°36	27°13	0°42	1°29	29° 5	n.a.	T 11
W12	17 3 46	15°30'53	16°10	11°58	29°57	29°13	20°54	10°35	16°37	11°34	27°14	0°R42	1°25	29°12	n.a.	W12
T 13	17 7 42	16°28'02	0♎26	12°52	1♌ 1	29°43	20°49	10°37	16°41	11°33	27°16	0°42	1°22	29°19	n.a.	T 13
F 14	17 11 39	17°25'11	14°46	13°42	2° 4	0♓13	20°44	10°40	16°45	11°31	27°17	0°41	1°19	29°25	n.a.	F 14
S 15	17 15 35	18°22'20	29° 7	14°30	3° 8	0°42	20°38	10°42	16°48	11°29	27°18	0°40	1°16	29°32	n.a.	S 15
S 16	17 19 32	19°19'29	13♏25	15°13	4°11	1°11	20°33	10°45	16°52	11°28	27°20	0°38	1°13	29°39	n.a.	S 16
M17	17 23 28	20°16'39	27°36	15°53	5°14	1°40	20°27	10°48	16°55	11°26	27°21	0°37	1°10	29°46	n.a.	M17
T 18	17 27 25	21°13'50	11♐34	16°29	6°16	2° 9	20°21	10°51	16°59	11°25	27°22	0°36	1° 6	29°52	n.a.	T 18
W19	17 31 21	22°11'01	25°17	17° 1	7°19	2°37	20°15	10°54	17° 3	11°23	27°24	0°D36	1° 3	29°59	n.a.	W19
T 20	17 35 18	23° 8'13	8♑42	17°29	8°21	3° 4	20° 9	10°57	17° 6	11°21	27°25	0°36	1° 0	0♈ 6	n.a.	T 20
F 21	17 39 15	24° 5'25	21°48	17°53	9°23	3°32	20° 3	11° 0	17°10	11°20	27°26	0°36	0°57	0°13	n.a.	F 21
S 22	17 43 11	25° 2'39	4♒35	18°12	10°24	3°58	19°57	11° 3	17°14	11°18	27°28	0°37	0°54	0°19	n.a.	S 22
S 23	17 47 8	25°59'53	17° 5	18°26	11°25	4°25	19°50	11° 7	17°17	11°17	27°29	0°37	0°51	0°26	n.a.	S 23
M24	17 51 4	26°57'08	29°20	18°36	12°26	4°51	19°44	11°10	17°21	11°15	27°30	0°38	0°47	0°33	n.a.	M24
T 25	17 55 1	27°54'24	11♓23	18°R41	13°27	5°16	19°37	11°14	17°24	11°14	27°32	0°38	0°44	0°39	n.a.	T 25
W26	17 58 57	28°51'42	23°19	18°40	14°27	5°42	19°30	11°17	17°28	11°12	27°33	0°38	0°41	0°46	n.a.	W26
T 27	18 2 54	29°49'00	5♈13	18°35	15°27	6° 6	19°23	11°21	17°32	11°11	27°34	0°R38	0°38	0°53	n.a.	T 27
F 28	18 6 50	0♋46'20	17° 8	18°25	16°27	6°30	19°16	11°25	17°35	11° 9	27°35	0°D38	0°35	1° 0	n.a.	F 28
S 29	18 10 47	1°43'40	29°10	18° 9	17°26	6°54	19° 9	11°29	17°39	11° 8	27°36	0°38	0°31	1° 6	n.a.	S 29
S 30	18 14 44	2♋41'03	11♉22	17♋49	18♌25	7♓17	19♑ 2	11♍32	17♊42	11♐ 6	27♉38	0♑38	0♑28	1♈13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n24	12n52	4n54	25n19	1n35	24n34	2n 5	16s50	3s 7	22s42	0s45	10n 8	2n30	23n10	0n11	21s20	1n10	13n17	6s37	23s44	23s43	3n53		n.a.
S 2	21 34	16 53	4 24	25 13	1 29	24 24	2 4	16 41	3 9	22 43	0 45	10 7	2 29	23 10	0 11	21 20	1 10	13 18	6 37	23 44	23 43	3 56		n.a.
M 3	21 44	20 15	3 43	25 6	1 22	24 12	2 2	16 32	3 11	22 44	0 45	10 6	2 29	23 10	0 11	21 19	1 10	13 18	6 37	23 44	23 43	3 58		n.a.
T 4	21 54	22 44	2 49	24 57	1 15	24 0	2 0	16 23	3 14	22 44	0 45	10 5	2 29	23 11	0 11	21 19	1 10	13 18	6 37	23 44	23 43	4 1		n.a.
W 5	22 3	24 7	1 46	24 47	1 7	23 48	1 58	16 14	3 16	22 45	0 46	10 4	2 29	23 11	0 11	21 19	1 10	13 19	6 37	23 44	23 43	4 4		n.a.
T 6	22 12	24 12	0 37	24 36	0 59	23 34	1 56	16 5	3 18	22 46	0 46	10 3	2 28	23 12	0 11	21 19	1 10	13 19	6 37	23 44	23 43	4 7		n.a.
F 7	22 20	22 57	0s36	24 24	0 50	23 21	1 54	15 56	3 21	22 47	0 46	10 3	2 28	23 12	0 11	21 19	1 10	13 19	6 37	23 44	23 43	4 9		n.a.
S 8	22 28	20 22	1 48	24 11	0 41	23 6	1 52	15 47	3 23	22 48	0 46	10 2	2 28	23 12	0 11	21 18	1 10	13 20	6 37	23 44	23 43	4 12		n.a.
S 9	22 36	16 37	2 55	23 56	0 31	22 52	1 50	15 38	3 26	22 49	0 47	10 1	2 28	23 13	0 11	21 18	1 10	13 20	6 36	23 44	23 43	4 15		n.a.
M10	22 43	11 56	3 52	23 42	0 21	22 36	1 47	15 30	3 28	22 50	0 47	9 59	2 28	23 13	0 11	21 18	1 10	13 20	6 36	23 44	23 43	4 18		n.a.
T 11	22 50	6 35	4 37	23 26	0 10	22 20	1 44	15 21	3 30	22 51	0 47	9 58	2 27	23 13	0 11	21 18	1 10	13 21	6 36	23 44	23 44	4 20		n.a.
W12	22 56	0 50	5 6	23 10	0s 1	22 4	1 42	15 12	3 33	22 52	0 47	9 57	2 27	23 14	0 11	21 17	1 10	13 21	6 36	23 44	23 44	4 23		n.a.
T 13	23 2	4s59	5 16	22 53	0 13	21 47	1 39	15 4	3 35	22 53	0 48	9 56	2 27	23 14	0 11	21 17	1 10	13 21	6 36	23 44	23 44	4 26		n.a.
F 14	23 8	10 35	5 6	22 36	0 25	21 30	1 36	14 55	3 38	22 54	0 48	9 55	2 27	23 15	0 11	21 17	1 10	13 21	6 36	23 44	23 44	4 28		n.a.
S 15	23 13	15 37	4 38	22 19	0 37	21 12	1 33	14 47	3 40	22 55	0 48	9 54	2 26	23 15	0 11	21 17	1 10	13 22	6 36	23 44	23 44	4 31		n.a.
S 16	23 18	19 45	3 52	22 2	0 50	20 54	1 29	14 38	3 42	22 56	0 48	9 52	2 26	23 15	0 11	21 17	1 10	13 22	6 36	23 44	23 44	4 34		n.a.
M17	23 22	22 40	2 53	21 44	1 3	20 35	1 26	14 30	3 45	22 57	0 48	9 51	2 26	23 16	0 11	21 16	1 10	13 22	6 36	23 44	23 44	4 37		n.a.
T 18	23 26	24 9	1 43	21 27	1 16	20 16	1 22	14 22	3 47	22 58	0 49	9 50	2 26	23 16	0 11	21 16	1 10	13 23	6 36	23 44	23 44	4 39		n.a.
W19	23 30	24 8	0 29	21 9	1 30	19 56	1 18	14 14	3 50	22 59	0 49	9 49	2 26	23 16	0 11	21 16	1 10	13 23	6 37	23 44	23 44	4 42		n.a.
T 20	23 33	22 42	0n45	20 52	1 43	19 36	1 15	14 6	3 52	23 1	0 49	9 47	2 25	23 17	0 11	21 16	1 10	13 23	6 37	23 44	23 44	4 45		n.a.
F 21	23 36	20 3	1 55	20 35	1 57	19 16	1 11	13 58	3 55	23 2	0 49	9 46	2 25	23 17	0 11	21 16	1 10	13 23	6 37	23 44	23 44	4 48		n.a.
S 22	23 38	16 29	2 57	20 19	2 11	18 55	1 6	13 50	3 57	23 3	0 50	9 44	2 25	23 18	0 11	21 15	1 10	13 24	6 37	23 44	23 44	4 50		n.a.
S 23	23 40	12 15	3 50	20 3	2 25	18 34	1 2	13 43	3 59	23 4	0 50	9 43	2 25	23 18	0 11	21 15	1 10	13 24	6 37	23 44	23 44	4 53		n.a.
M24	23 42	7 37	4 31	19 48	2 39	18 12	0 58	13 35	4 2	23 5	0 50	9 41	2 25	23 18	0 11	21 15	1 10	13 24	6 37	23 44	23 44	4 56		n.a.
T 25	23 43	2 46	4 59	19 34	2 52	17 50	0 53	13 28	4 4	23 6	0 50	9 40	2 24	23 19	0 11	21 15	1 10	13 25	6 37	23 44	23 44	4 58		n.a.
W26	23 44	2n 7	5 14	19 21	3 6	17 28	0 49	13 21	4 7	23 8	0 50	9 38	2 24	23 19	0 11	21 15	1 10	13 25	6 37	23 44	23 44	5 1		n.a.
T 27	23 44	6 55	5 16	19 9	3 19	17 6	0 44	13 14	4 9	23 9	0 51	9 37	2 24	23 19	0 11	21 15	1 10	13 25	6 37	23 44	23 44	5 4		n.a.
F 28	23 44	11 29	5 4	18 57	3 32	16 43	0 39	13 7	4 12	23 10	0 51	9 35	2 24	23 20	0 11	21 14	1 10	13 25	6 37	23 44	23 44	5 7		n.a.
S 29	23 43	15 38	4 39	18 47	3 44	16 20	0 34	13 1	4 14	23 11	0 51	9 33	2 24	23 20	0 11	21 14	1 10	13 26	6 37	23 44	23 44	5 9		n.a.
S 30	23n42	19n14	4n 0	18n39	3s55	15n57	0n28	12s54	4s17	23s13	0s51	9n32	2n23	23n20	0n11	21s14	1n10	13n26	6s37	23s44	23s44	5n12		n.a.

Julian Day Number = 1605790.5, Delta T = 03h56m20s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'33, Lahiri = - 8°19'33 Julian Calendar 1 June 317 BCE == Greg. Calendar 27 May 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

JULY 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 18 40	3♋38'26	23♉47	17°R24	19♌23	7♓40	18°R55	11♍36	17♊46	11°R 5	27♉39	0♏39	0♏25	1♈20	n.a.	M 1
T 2	18 22 37	4°35'50	6♊30	16♋54	20°21	8° 2	18♏48	11°41	17°49	11♐ 3	27°40	0°39	0°22	1°26	n.a.	T 2
W 3	18 26 33	5°33'16	19°30	16°19	21°19	8°24	18°40	11°45	17°53	11° 2	27°41	0°39	0°19	1°33	n.a.	W 3
T 4	18 30 30	6°30'43	2♋49	15°41	22°16	8°45	18°33	11°49	17°56	11° 0	27°42	0°R39	0°16	1°40	n.a.	T 4
F 5	18 34 26	7°28'12	16°26	15° 0	23°13	9° 5	18°25	11°53	18° 0	10°59	27°44	0°39	0°12	1°47	n.a.	F 5
S 6	18 38 23	8°25'41	0♌19	14°16	24° 9	9°25	18°18	11°58	18° 3	10°58	27°45	0°39	0° 9	1°53	n.a.	S 6
S 7	18 42 20	9°23'11	14°24	13°29	25° 5	9°44	18°10	12° 2	18° 7	10°56	27°46	0°38	0° 6	2° 0	n.a.	S 7
M 8	18 46 16	10°20'42	28°37	12°42	26° 1	10° 3	18° 2	12° 7	18°10	10°55	27°47	0°37	0° 3	2° 7	n.a.	M 8
T 9	18 50 13	11°18'14	12♍55	11°54	26°56	10°21	17°54	12°11	18°14	10°53	27°48	0°36	29♐59	2°14	n.a.	T 9
W10	18 54 9	12°15'48	27°14	11° 6	27°50	10°39	17°47	12°16	18°17	10°52	27°49	0°35	29°57	2°20	n.a.	W10
T 11	18 58 6	13°13'22	11♎30	10°20	28°44	10°55	17°39	12°21	18°20	10°51	27°50	0°D34	29°53	2°27	n.a.	T 11
F 12	19 2 2	14°10'57	25°40	9°36	29°38	11°11	17°31	12°25	18°24	10°49	27°51	0°35	29°50	2°34	n.a.	F 12
S 13	19 5 59	15° 8'33	9♏43	8°55	0♍30	11°27	17°23	12°30	18°27	10°48	27°52	0°35	29°47	2°40	n.a.	S 13
S 14	19 9 55	16° 6'11	23°37	8°18	1°23	11°42	17°15	12°35	18°30	10°47	27°53	0°36	29°44	2°47	n.a.	S 14
M15	19 13 52	17° 3'49	7♐21	7°47	2°14	11°56	17° 8	12°40	18°34	10°46	27°54	0°38	29°41	2°54	n.a.	M15
T 16	19 17 49	18° 1'29	20°52	7°20	3° 5	12° 9	17° 0	12°45	18°37	10°45	27°55	0°38	29°37	3° 1	n.a.	T 16
W17	19 21 45	18°59'10	4♑11	7° 0	3°55	12°22	16°52	12°51	18°40	10°43	27°56	0°R39	29°34	3° 7	n.a.	W17
T 18	19 25 42	19°56'53	17°16	6°46	4°45	12°34	16°44	12°56	18°44	10°42	27°57	0°38	29°31	3°14	n.a.	T 18
F 19	19 29 38	20°54'37	0♒ 7	6°D40	5°34	12°45	16°36	13° 1	18°47	10°41	27°58	0°36	29°28	3°21	n.a.	F 19
S 20	19 33 35	21°52'23	12°44	6°41	6°22	12°56	16°28	13° 6	18°50	10°40	27°59	0°34	29°25	3°28	n.a.	S 20
S 21	19 37 31	22°50'10	25° 8	6°49	7° 9	13° 6	16°21	13°12	18°53	10°39	28° 0	0°30	29°22	3°34	n.a.	S 21
M22	19 41 28	23°47'59	7♓19	7° 5	7°55	13°15	16°13	13°17	18°56	10°38	28° 1	0°27	29°18	3°41	n.a.	M22
T 23	19 45 24	24°45'49	19°21	7°29	8°41	13°23	16° 5	13°23	18°59	10°37	28° 2	0°23	29°15	3°48	n.a.	T 23
W24	19 49 21	25°43'42	1♈17	8° 1	9°26	13°30	15°58	13°28	19° 2	10°36	28° 3	0°20	29°12	3°54	n.a.	W24
T 25	19 53 18	26°41'36	13°10	8°40	10°10	13°37	15°50	13°34	19° 6	10°35	28° 4	0°18	29° 9	4° 1	n.a.	T 25
F 26	19 57 14	27°39'32	25° 4	9°27	10°53	13°43	15°42	13°40	19° 9	10°34	28° 5	0°D17	29° 6	4° 8	n.a.	F 26
S 27	20 1 11	28°37'31	7♉ 4	10°21	11°35	13°48	15°35	13°45	19°12	10°33	28° 5	0°17	29° 2	4°15	n.a.	S 27
S 28	20 5 7	29°35'31	19°15	11°22	12°15	13°52	15°28	13°51	19°15	10°32	28° 6	0°19	28°59	4°21	n.a.	S 28
M29	20 9 4	0♌33'33	1♊42	12°29	12°55	13°55	15°20	13°57	19°18	10°31	28° 7	0°20	28°56	4°28	n.a.	M29
T 30	20 13 0	1°31'37	14°28	13°43	13°34	13°57	15°13	14° 3	19°20	10°30	28° 8	0°22	28°53	4°35	n.a.	T 30
W31	20 16 57	2♌29'44	27♊36	15♋ 3	14♍12	13♓59	15♑ 6	14♍ 9	19♊23	10♐29	28♉ 8	0°R23	28♐50	4♈42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n41	22n 1	3n10	18n32	4s 5	15n33	0n23	12s48	4s19	23s14	0s51	9n30	2n23	23n21	0n11	21s14	1n10	13n26	6s37	23s44	23s44	5n15			n.a.
T 2	23 39	23 48	2 10	18 26	4 15	15 9	0 17	12 42	4 22	23 15	0 52	9 28	2 23	23 21	0 11	21 14	1 10	13 26	6 37	23 44	23 44	5 17			n.a.
W 3	23 37	24 20	1 1	18 22	4 23	14 45	0 12	12 36	4 24	23 16	0 52	9 26	2 23	23 21	0 11	21 13	1 10	13 26	6 37	23 44	23 44	5 20			n.a.
T 4	23 34	23 30	0s12	18 20	4 30	14 21	0 6	12 30	4 27	23 17	0 52	9 24	2 23	23 22	0 11	21 13	1 10	13 27	6 37	23 44	23 44	5 23			n.a.
F 5	23 31	21 17	1 26	18 19	4 36	13 57	0s 0	12 24	4 29	23 19	0 52	9 23	2 22	23 22	0 11	21 13	1 10	13 27	6 37	23 44	23 44	5 25			n.a.
S 6	23 28	17 47	2 37	18 19	4 40	13 32	0 6	12 19	4 31	23 20	0 52	9 21	2 22	23 22	0 11	21 13	1 10	13 27	6 37	23 44	23 44	5 28			n.a.
S 7	23 24	13 13	3 39	18 22	4 42	13 7	0 13	12 14	4 34	23 21	0 53	9 19	2 22	23 23	0 11	21 13	1 9	13 27	6 37	23 44	23 44	5 31			n.a.
M 8	23 19	7 54	4 28	18 26	4 43	12 42	0 19	12 9	4 36	23 22	0 53	9 17	2 22	23 23	0 11	21 13	1 9	13 27	6 37	23 44	23 44	5 33			n.a.
T 9	23 15	2 10	5 1	18 32	4 41	12 17	0 26	12 4	4 39	23 24	0 53	9 15	2 22	23 23	0 11	21 12	1 9	13 28	6 37	23 44	23 44	5 36			n.a.
W10	23 10	3s42	5 16	18 39	4 38	11 52	0 32	11 59	4 41	23 25	0 53	9 13	2 22	23 24	0 11	21 12	1 9	13 28	6 37	23 44	23 44	5 39			n.a.
T 11	23 4	9 21	5 10	18 47	4 33	11 27	0 39	11 55	4 44	23 26	0 53	9 11	2 21	23 24	0 11	21 12	1 9	13 28	6 37	23 44	23 44	5 41			n.a.
F 12	22 58	14 28	4 46	18 57	4 26	11 1	0 46	11 51	4 46	23 27	0 53	9 9	2 21	23 24	0 11	21 12	1 9	13 28	6 37	23 44	23 44	5 44			n.a.
S 13	22 52	18 47	4 5	19 8	4 18	10 36	0 53	11 47	4 48	23 28	0 54	9 7	2 21	23 25	0 11	21 12	1 9	13 28	6 37	23 44	23 44	5 47			n.a.
S 14	22 45	21 59	3 10	19 21	4 8	10 11	1 1	11 44	4 51	23 29	0 54	9 5	2 21	23 25	0 11	21 12	1 9	13 29	6 37	23 44	23 44	5 49			n.a.
M15	22 38	23 52	2 5	19 34	3 56	9 45	1 8	11 40	4 53	23 31	0 54	9 3	2 21	23 25	0 11	21 12	1 9	13 29	6 38	23 44	23 44	5 52			n.a.
T 16	22 30	24 18	0 54	19 48	3 44	9 20	1 16	11 37	4 55	23 32	0 54	9 1	2 21	23 25	0 11	21 11	1 9	13 29	6 38	23 44	23 44	5 55			n.a.
W17	22 22	23 20	0n20	20 3	3 30	8 54	1 23	11 34	4 57	23 33	0 54	8 59	2 20	23 26	0 11	21 11	1 9	13 29	6 38	23 44	23 44	5 57			n.a.
T 18	22 14	21 7	1 30	20 19	3 15	8 29	1 31	11 32	5 0	23 34	0 54	8 56	2 20	23 26	0 11	21 11	1 9	13 29	6 38	23 44	23 44	6 0			n.a.
F 19	22 5	17 51	2 35	20 35	2 59	8 3	1 39	11 29	5 2	23 35	0 54	8 54	2 20	23 26	0 11	21 11	1 9	13 29	6 38	23 44	23 44	6 3			n.a.
S 20	21 56	13 49	3 31	20 51	2 43	7 38	1 47	11 27	5 4	23 36	0 54	8 52	2 20	23 27	0 11	21 11	1 9	13 29	6 38	23 44	23 44	6 5			n.a.
S 21	21 46	9 17	4 16	21 8	2 26	7 12	1 56	11 25	5 6	23 37	0 55	8 50	2 20	23 27	0 11	21 11	1 9	13 30	6 38	23 44	23 44	6 8			n.a.
M22	21 37	4 28	4 49	21 24	2 9	6 47	2 4	11 24	5 8	23 38	0 55	8 47	2 20	23 27	0 11	21 11	1 9	13 30	6 38	23 44	23 44	6 11			n.a.
T 23	21 26	0n27	5 8	21 39	1 52	6 22	2 13	11 22	5 10	23 39	0 55	8 45	2 19	23 27	0 11	21 11	1 9	13 30	6 38	23 44	23 44	6 13			n.a.
W24	21 16	5 18	5 13	21 55	1 35	5 57	2 21	11 21	5 12	23 40	0 55	8 43	2 19	23 28	0 11	21 10	1 9	13 30	6 38	23 44	23 44	6 16			n.a.
T 25	21 5	9 56	5 6	22 9	1 18	5 32	2 30	11 20	5 14	23 41	0 55	8 41	2 19	23 28	0 11	21 10	1 9	13 30	6 38	23 44	23 44	6 19			n.a.
F 26	20 53	14 13	4 45	22 22	1 1	5 8	2 39	11 20	5 16	23 42	0 55	8 38	2 19	23 28	0 11	21 10	1 9	13 30	6 38	23 44	23 44	6 21			n.a.
S 27	20 41	17 59	4 11	22 35	0 45	4 43	2 48	11 20	5 18	23 43	0 55	8 36	2 19	23 29	0 11	21 10	1 9	13 30	6 38	23 44	23 44	6 24			n.a.
S 28	20 29	21 3	3 26	22 45	0 29	4 19	2 57	11 20	5 20	23 44	0 55	8 33	2 19	23 29	0 11	21 10	1 9	13 30	6 39	23 44	23 44	6 26			n.a.
M29	20 17	23 12	2 30	22 54	0 14	3 55	3 7	11 20	5 22	23 45	0 55	8 31	2 19	23 29	0 11	21 10	1 9	13 30	6 39	23 44	23 44	6 29			n.a.
T 30	20 4	24 14	1 26	23 1	0n 0	3 31	3 16	11 21	5 24	23 46	0 55	8 29	2 19	23 29	0 11	21 10	1 9	13 30	6 39	23 44	23 44	6 32			n.a.
W31	19n51	23n58	0n15	23n 6	0n14	3n 8	3s26	11s22	5s25	23s47	0s56	8n26	2n18	23n30	0n11	21s10	1n 9	13n31	6s39	23s44	23s44	6n34			n.a.

Julian Day Number = 1605820.5, Delta T = 03h56m19s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'29, Lahiri = - 8°19'29 Julian Calendar 1 July 317 BCE == Greg. Calendar 26 June 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

AUGUST 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 20 53	3♌27'52	11♋ 9	16♋29	14♍49	13°R59	14°R59	14♍15	19♊26	10°R28	28♉ 9	0°R22	28♐47	4♈48	n.a.	T 1
F 2	20 24 50	4°26'02	25° 5	17°59	15°24	13♓59	14♑52	14°21	19°29	10♐28	28°10	0♑20	28°43	4°55	n.a.	F 2
S 3	20 28 47	5°24'14	9♌21	19°34	15°58	13°58	14°45	14°27	19°32	10°27	28°10	0°17	28°40	5° 2	n.a.	S 3
S 4	20 32 43	6°22'28	23°54	21°12	16°31	13°56	14°38	14°33	19°35	10°26	28°11	0°12	28°37	5° 8	n.a.	S 4
M 5	20 36 40	7°20'44	8♍35	22°55	17° 2	13°53	14°31	14°39	19°37	10°25	28°12	0° 6	28°34	5°15	n.a.	M 5
T 6	20 40 36	8°19'01	23°18	24°40	17°32	13°49	14°25	14°46	19°40	10°25	28°12	0° 1	28°31	5°22	n.a.	T 6
W 7	20 44 33	9°17'20	7♎56	26°27	18° 1	13°45	14°18	14°52	19°43	10°24	28°13	29♐56	28°28	5°29	n.a.	W 7
T 8	20 48 29	10°15'40	22°22	28°17	18°28	13°39	14°12	14°58	19°45	10°23	28°14	29°53	28°24	5°35	n.a.	T 8
F 9	20 52 26	11°14'03	6♏34	0♌ 8	18°53	13°33	14° 6	15° 5	19°48	10°23	28°14	29°D52	28°21	5°42	n.a.	F 9
S 10	20 56 22	12°12'27	20°30	2° 0	19°17	13°26	14° 0	15°11	19°50	10°22	28°15	29°52	28°18	5°49	n.a.	S 10
S 11	21 0 19	13°10'52	4♐ 9	3°54	19°39	13°18	13°54	15°17	19°53	10°22	28°15	29°53	28°15	5°55	n.a.	S 11
M12	21 4 15	14° 9'20	17°32	5°47	19°59	13° 9	13°48	15°24	19°55	10°21	28°16	29°54	28°12	6° 2	n.a.	M12
T 13	21 8 12	15° 7'49	0♑41	7°42	20°17	12°59	13°42	15°30	19°58	10°21	28°16	29°R55	28° 8	6° 9	n.a.	T 13
W14	21 12 9	16° 6'20	13°37	9°36	20°33	12°49	13°37	15°37	20° 0	10°20	28°17	29°54	28° 5	6°16	n.a.	W14
T 15	21 16 5	17° 4'52	26°22	11°29	20°48	12°38	13°31	15°44	20° 3	10°20	28°17	29°51	28° 2	6°22	n.a.	T 15
F 16	21 20 2	18° 3'27	8♒55	13°23	21° 0	12°26	13°26	15°50	20° 5	10°20	28°17	29°46	27°59	6°29	n.a.	F 16
S 17	21 23 58	19° 2'03	21°19	15°16	21°10	12°13	13°21	15°57	20° 7	10°19	28°18	29°38	27°56	6°36	n.a.	S 17
S 18	21 27 55	20° 0'42	3♓33	17° 8	21°19	12° 0	13°16	16° 4	20° 9	10°19	28°18	29°29	27°53	6°43	n.a.	S 18
M19	21 31 51	20°59'23	15°38	19° 0	21°25	11°46	13°12	16°10	20°12	10°19	28°18	29°20	27°49	6°49	n.a.	M19
T 20	21 35 48	21°58'06	27°36	20°51	21°28	11°31	13° 7	16°17	20°14	10°18	28°19	29°10	27°46	6°56	n.a.	T 20
W21	21 39 44	22°56'51	9♈30	22°41	21°R30	11°16	13° 3	16°24	20°16	10°18	28°19	29° 1	27°43	7° 3	n.a.	W21
T 22	21 43 41	23°55'38	21°21	24°31	21°29	11° 1	12°59	16°31	20°18	10°18	28°19	28°54	27°40	7° 9	n.a.	T 22
F 23	21 47 38	24°54'28	3♉13	26°19	21°26	10°44	12°55	16°38	20°20	10°18	28°20	28°49	27°37	7°16	n.a.	F 23
S 24	21 51 34	25°53'20	15°10	28° 7	21°20	10°28	12°51	16°45	20°22	10°18	28°20	28°47	27°34	7°23	n.a.	S 24
S 25	21 55 31	26°52'14	27°18	29°53	21°12	10°10	12°47	16°51	20°24	10°18	28°20	28°D46	27°30	7°30	n.a.	S 25
M26	21 59 27	27°51'11	9♊41	1♍39	21° 2	9°53	12°43	16°58	20°26	10°18	28°20	28°46	27°27	7°36	n.a.	M26
T 27	22 3 24	28°50'11	22°24	3°24	20°49	9°35	12°40	17° 5	20°28	10°D18	28°20	28°R47	27°24	7°43	n.a.	T 27
W28	22 7 20	29°49'13	5♋32	5° 8	20°34	9°16	12°37	17°12	20°29	10°18	28°20	28°47	27°21	7°50	n.a.	W28
T 29	22 11 17	0♍48'17	19° 7	6°50	20°16	8°58	12°34	17°19	20°31	10°18	28°21	28°45	27°18	7°56	n.a.	T 29
F 30	22 15 13	1°47'23	3♌11	8°33	19°57	8°39	12°31	17°26	20°33	10°18	28°21	28°41	27°14	8° 3	n.a.	F 30
S 31	22 19 10	2♍46'32	17♌41	10♍14	19♍35	8♓20	12♑29	17♍33	20♊35	10♐18	28♉21	28♐35	27♐11	8♈10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19n37	22n17	0s58	23n 8	0n26	2n45	3s36	11s23	5s27	23s48	0s56	8n24	2n18	23n30	0n11	21s10	1n 9	13n31	6s39	23s44	23s44	6n37		n.a.	T 1
F 2	19 23	19 14	2 11	23 9	0 38	2 22	3 46	11 25	5 28	23 49	0 56	8 21	2 18	23 30	0 11	21 10	1 9	13 31	6 39	23 44	23 44	6 40		n.a.	F 2
S 3	19 9	14 59	3 16	23 6	0 49	1 59	3 56	11 26	5 30	23 50	0 56	8 19	2 18	23 30	0 11	21 10	1 8	13 31	6 39	23 44	23 44	6 42		n.a.	S 3
S 4	18 55	9 47	4 10	23 1	0 59	1 37	4 6	11 28	5 31	23 51	0 56	8 16	2 18	23 31	0 11	21 9	1 8	13 31	6 39	23 44	23 44	6 45		n.a.	S 4
M 5	18 40	4 0	4 49	22 53	1 8	1 16	4 16	11 31	5 32	23 51	0 56	8 14	2 18	23 31	0 11	21 9	1 8	13 31	6 39	23 44	23 44	6 47		n.a.	M 5
T 6	18 24	2s 1	5 8	22 43	1 17	0 54	4 26	11 33	5 34	23 52	0 56	8 11	2 18	23 31	0 12	21 9	1 8	13 31	6 39	23 44	23 44	6 50		n.a.	T 6
W 7	18 9	7 52	5 7	22 29	1 24	0 34	4 36	11 36	5 35	23 53	0 56	8 9	2 18	23 31	0 12	21 9	1 8	13 31	6 39	23 44	23 43	6 53		n.a.	W 7
T 8	17 53	13 14	4 47	22 13	1 30	0 14	4 47	11 39	5 36	23 54	0 56	8 6	2 18	23 31	0 12	21 9	1 8	13 31	6 39	23 44	23 43	6 55		n.a.	T 8
F 9	17 37	17 47	4 9	21 55	1 35	0s 6	4 57	11 42	5 36	23 54	0 56	8 3	2 17	23 32	0 12	21 9	1 8	13 31	6 40	23 44	23 43	6 58		n.a.	F 9
S 10	17 21	21 15	3 17	21 34	1 39	0 25	5 8	11 46	5 37	23 55	0 56	8 1	2 17	23 32	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 0		n.a.	S 10
S 11	17 4	23 27	2 15	21 11	1 43	0 43	5 18	11 50	5 38	23 56	0 56	7 58	2 17	23 32	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 3		n.a.	S 11
M12	16 47	24 15	1 7	20 46	1 46	1 1	5 29	11 54	5 38	23 56	0 56	7 56	2 17	23 32	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 6		n.a.	M12
T 13	16 30	23 40	0n 4	20 18	1 47	1 18	5 39	11 58	5 39	23 57	0 56	7 53	2 17	23 33	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 8		n.a.	T 13
W14	16 12	21 49	1 13	19 49	1 49	1 34	5 50	12 2	5 39	23 58	0 56	7 50	2 17	23 33	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 11		n.a.	W14
T 15	15 54	18 53	2 18	19 17	1 49	1 49	6 0	12 6	5 39	23 58	0 56	7 48	2 17	23 33	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 13		n.a.	T 15
F 16	15 36	15 8	3 14	18 45	1 49	2 4	6 11	12 11	5 39	23 59	0 56	7 45	2 17	23 33	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 16		n.a.	F 16
S 17	15 18	10 47	4 1	18 10	1 48	2 17	6 21	12 16	5 39	23 59	0 56	7 42	2 17	23 33	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 19		n.a.	S 17
S 18	14 59	6 4	4 35	17 35	1 47	2 30	6 32	12 21	5 39	24 0	0 56	7 40	2 17	23 33	0 12	21 9	1 8	13 31	6 40	23 44	23 43	7 21		n.a.	S 18
M19	14 41	1 11	4 57	16 58	1 45	2 42	6 42	12 26	5 38	24 0	0 56	7 37	2 17	23 34	0 12	21 9	1 8	13 31	6 41	23 44	23 43	7 24		n.a.	M19
T 20	14 21	3n42	5 5	16 20	1 42	2 52	6 52	12 31	5 38	24 1	0 56	7 34	2 17	23 34	0 12	21 9	1 8	13 31	6 41	23 44	23 43	7 26		n.a.	T 20
W21	14 2	8 24	5 0	15 41	1 39	3 2	7 2	12 36	5 37	24 1	0 56	7 31	2 17	23 34	0 12	21 9	1 8	13 31	6 41	23 44	23 43	7 29		n.a.	W21
T 22	13 43	12 47	4 43	15 1	1 36	3 11	7 11	12 41	5 36	24 1	0 56	7 29	2 16	23 34	0 12	21 9	1 8	13 31	6 41	23 44	23 43	7 31		n.a.	T 22
F 23	13 23	16 41	4 13	14 20	1 32	3 18	7 21	12 47	5 35	24 2	0 56	7 26	2 16	23 34	0 12	21 9	1 8	13 31	6 41	23 44	23 43	7 34		n.a.	F 23
S 24	13 3	19 57	3 31	13 39	1 28	3 24	7 30	12 52	5 34	24 2	0 56	7 23	2 16	23 35	0 12	21 9	1 8	13 31	6 41	23 44	23 43	7 37		n.a.	S 24
S 25	12 42	22 24	2 40	12 57	1 24	3 29	7 38	12 58	5 32	24 3	0 56	7 20	2 16	23 35	0 12	21 9	1 7	13 31	6 41	23 44	23 43	7 39		n.a.	S 25
M26	12 22	23 50	1 40	12 15	1 19	3 32	7 47	13 3	5 31	24 3	0 56	7 18	2 16	23 35	0 12	21 9	1 7	13 31	6 41	23 44	23 43	7 42		n.a.	M26
T 27	12 1	24 5	0 34	11 32	1 14	3 35	7 55	13 8	5 29	24 3	0 56	7 15	2 16	23 35	0 12	21 9	1 7	13 31	6 41	23 44	23 42	7 44		n.a.	T 27
W28	11 40	23 1	0s36	10 48	1 9	3 35	8 2	13 14	5 27	24 3	0 56	7 12	2 16	23 35	0 12	21 9	1 7	13 30	6 41	23 44	23 42	7 47		n.a.	W28
T 29	11 19	20 36	1 46	10 5	1 3	3 35	8 9	13 19	5 25	24 4	0 56	7 9	2 16	23 35	0 12	21 9	1 7	13 30	6 42	23 44	23 42	7 49		n.a.	T 29
F 30	10 58	16 54	2 52	9 21	0 57	3 33	8 15	13 24	5 23	24 4	0 56	7 6	2 16	23 35	0 12	21 9	1 7	13 30	6 42	23 44	23 42	7 52		n.a.	F 30
S 31	10n37	12n 5	3s49	8n37	0n51	3s30	8s21	13s29	5s21	24s 4	0s56	7n 4	2n16	23n36	0n12	21s10	1n 7	13n30	6s42	23s44	23s42	7n54		n.a.	S 31

Julian Day Number = 1605851.5, Delta T = 03h56m18s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'25, Lahiri = - 8°19'25 Julian Calendar 1 Aug. 317 BCE == Greg. Calendar 27 July 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

SEPTEMBER 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 23 7	3♍45'43	2♍33	11♍54	19°R11	8°R 1	12°R26	17♍40	20♊36	10♐18	28♉21	28°R26	27♐ 8	8♈17	n.a.	S 1
M 2	22 27 3	4°44'56	17°37	13°33	18♍45	7♓42	12♑24	17°48	20°38	10°18	28°R21	28♐16	27° 5	8°23	n.a.	M 2
T 3	22 31 0	5°44'11	2♎45	15°12	18°17	7°23	12°22	17°55	20°39	10°18	28°21	28° 6	27° 2	8°30	n.a.	T 3
W 4	22 34 56	6°43'28	17°45	16°50	17°48	7° 4	12°20	18° 2	20°41	10°19	28°21	27°57	26°59	8°37	n.a.	W 4
T 5	22 38 53	7°42'47	2♏30	18°27	17°16	6°45	12°19	18° 9	20°42	10°19	28°21	27°50	26°55	8°44	n.a.	T 5
F 6	22 42 49	8°42'08	16°53	20° 3	16°44	6°26	12°18	18°16	20°43	10°19	28°21	27°46	26°52	8°50	n.a.	F 6
S 7	22 46 46	9°41'31	0♐53	21°38	16°10	6° 7	12°16	18°23	20°45	10°19	28°21	27°44	26°49	8°57	n.a.	S 7
S 8	22 50 42	10°40'56	14°29	23°13	15°35	5°49	12°15	18°30	20°46	10°20	28°20	27°D44	26°46	9° 4	n.a.	S 8
M 9	22 54 39	11°40'23	27°43	24°47	14°59	5°31	12°15	18°38	20°47	10°20	28°20	27°R44	26°43	9°10	n.a.	M 9
T 10	22 58 35	12°39'51	10♑39	26°20	14°23	5°13	12°14	18°45	20°48	10°21	28°20	27°44	26°40	9°17	n.a.	T 10
W11	23 2 32	13°39'21	23°19	27°53	13°47	4°56	12°14	18°52	20°49	10°21	28°20	27°41	26°36	9°24	n.a.	W11
T 12	23 6 29	14°38'54	5♒47	29°24	13°10	4°39	12°D13	18°59	20°50	10°22	28°20	27°36	26°33	9°31	n.a.	T 12
F 13	23 10 25	15°38'28	18° 6	0♎55	12°33	4°23	12°14	19° 6	20°51	10°22	28°20	27°28	26°30	9°37	n.a.	F 13
S 14	23 14 22	16°38'04	0♓16	2°26	11°57	4° 7	12°14	19°13	20°52	10°23	28°19	27°17	26°27	9°44	n.a.	S 14
S 15	23 18 18	17°37'42	12°20	3°55	11°22	3°51	12°14	19°21	20°53	10°23	28°19	27° 4	26°24	9°51	n.a.	S 15
M16	23 22 15	18°37'22	24°19	5°24	10°47	3°37	12°15	19°28	20°54	10°24	28°19	26°49	26°20	9°57	n.a.	M16
T 17	23 26 11	19°37'05	6♈13	6°53	10°14	3°22	12°16	19°35	20°55	10°25	28°18	26°35	26°17	10° 4	n.a.	T 17
W18	23 30 8	20°36'49	18° 5	8°20	9°42	3° 9	12°17	19°42	20°56	10°26	28°18	26°22	26°14	10°11	n.a.	W18
T 19	23 34 4	21°36'36	29°56	9°47	9°11	2°56	12°18	19°50	20°56	10°26	28°18	26°11	26°11	10°18	n.a.	T 19
F 20	23 38 1	22°36'25	11♉48	11°13	8°43	2°44	12°19	19°57	20°57	10°27	28°17	26° 3	26° 8	10°24	n.a.	F 20
S 21	23 41 57	23°36'16	23°45	12°38	8°16	2°32	12°21	20° 4	20°58	10°28	28°17	25°57	26° 5	10°31	n.a.	S 21
S 22	23 45 54	24°36'10	5♊51	14° 2	7°51	2°21	12°23	20°11	20°58	10°29	28°16	25°55	26° 1	10°38	n.a.	S 22
M23	23 49 51	25°36'06	18°10	15°26	7°28	2°11	12°25	20°18	20°59	10°30	28°16	25°54	25°58	10°44	n.a.	M23
T 24	23 53 47	26°36'04	0♋48	16°49	7° 7	2° 1	12°27	20°26	20°59	10°30	28°16	25°54	25°55	10°51	n.a.	T 24
W25	23 57 44	27°36'05	13°49	18°11	6°49	1°53	12°29	20°33	20°59	10°31	28°15	25°53	25°52	10°58	n.a.	W25
T 26	0 1 40	28°36'08	27°18	19°31	6°33	1°45	12°32	20°40	21° 0	10°32	28°15	25°51	25°49	11° 5	n.a.	T 26
F 27	0 5 37	29°36'13	11♌16	20°51	6°20	1°38	12°35	20°47	21° 0	10°33	28°14	25°46	25°45	11°11	n.a.	F 27
S 28	0 9 33	0♎36'20	25°45	22°10	6° 9	1°32	12°38	20°54	21° 0	10°34	28°13	25°39	25°42	11°18	n.a.	S 28
S 29	0 13 30	1°36'29	10♍39	23°27	6° 0	1°26	12°41	21° 1	21° 0	10°35	28°13	25°29	25°39	11°25	n.a.	S 29
M30	0 17 26	2♎36'41	25♍52	24♎43	5♍54	1♓21	12♑44	21♍ 8	21♊ 0	10♐37	28♉12	25♐18	25♐36	11♈32	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n15	6n28	4s32	7n53	0n45	3s25	8s26	13s35	5s19	24s 4	0s56	7n 1	2n16	23n36	0n12	21s10	1n 7	13n30	6s42	23s43	23s42	7n57		n.a.
M 2	9 53	0 24	4 57	7 8	0 39	3 19	8 30	13 39	5 16	24 5	0 56	6 58	2 16	23 36	0 12	21 10	1 7	13 30	6 42	23 43	23 42	7 59		n.a.
T 3	9 31	5s42	5 1	6 24	0 33	3 11	8 34	13 44	5 13	24 5	0 56	6 55	2 16	23 36	0 12	21 10	1 7	13 30	6 42	23 43	23 42	8 2		n.a.
W 4	9 9	11 25	4 45	5 40	0 26	3 2	8 37	13 49	5 10	24 5	0 56	6 52	2 16	23 36	0 12	21 10	1 7	13 30	6 42	23 43	23 42	8 5		n.a.
T 5	8 47	16 23	4 9	4 55	0 19	2 51	8 38	13 53	5 7	24 5	0 56	6 49	2 16	23 36	0 12	21 10	1 7	13 30	6 42	23 43	23 42	8 7		n.a.
F 6	8 24	20 15	3 19	4 11	0 13	2 40	8 39	13 57	5 4	24 5	0 56	6 46	2 16	23 36	0 12	21 10	1 7	13 30	6 42	23 43	23 42	8 10		n.a.
S 7	8 2	22 49	2 17	3 27	0 6	2 27	8 39	14 1	5 1	24 5	0 56	6 44	2 16	23 36	0 12	21 10	1 7	13 30	6 43	23 43	23 42	8 12		n.a.
S 8	7 39	23 58	1 10	2 43	0s 1	2 12	8 39	14 5	4 58	24 5	0 56	6 41	2 16	23 37	0 12	21 10	1 7	13 29	6 43	23 43	23 42	8 15		n.a.
M 9	7 16	23 43	0 0	1 59	0 8	1 57	8 37	14 9	4 54	24 5	0 56	6 38	2 16	23 37	0 12	21 10	1 7	13 29	6 43	23 43	23 42	8 17		n.a.
T 10	6 53	22 10	1n 8	1 15	0 15	1 41	8 34	14 12	4 50	24 5	0 56	6 35	2 16	23 37	0 12	21 10	1 7	13 29	6 43	23 43	23 41	8 20		n.a.
W11	6 30	19 32	2 11	0 31	0 22	1 23	8 30	14 15	4 47	24 5	0 56	6 32	2 16	23 37	0 12	21 11	1 7	13 29	6 43	23 43	23 41	8 22		n.a.
T 12	6 7	16 2	3 7	0s12	0 29	1 5	8 26	14 18	4 43	24 5	0 56	6 29	2 16	23 37	0 12	21 11	1 7	13 29	6 43	23 43	23 41	8 25		n.a.
F 13	5 44	11 54	3 53	0 55	0 36	0 46	8 20	14 20	4 39	24 5	0 56	6 27	2 16	23 37	0 12	21 11	1 7	13 29	6 43	23 43	23 41	8 27		n.a.
S 14	5 20	7 21	4 27	1 38	0 43	0 26	8 14	14 23	4 35	24 5	0 55	6 24	2 16	23 37	0 12	21 11	1 7	13 29	6 43	23 42	23 41	8 30		n.a.
S 15	4 57	2 33	4 50	2 20	0 50	0 6	8 6	14 25	4 31	24 5	0 55	6 21	2 16	23 37	0 12	21 11	1 6	13 28	6 43	23 42	23 41	8 32		n.a.
M16	4 33	2n17	4 59	3 2	0 57	0n14	7 58	14 26	4 27	24 5	0 55	6 18	2 16	23 37	0 12	21 11	1 6	13 28	6 43	23 42	23 41	8 35		n.a.
T 17	4 10	7 1	4 55	3 44	1 4	0 35	7 49	14 28	4 23	24 5	0 55	6 15	2 16	23 37	0 12	21 11	1 6	13 28	6 44	23 41	23 41	8 37		n.a.
W18	3 46	11 28	4 39	4 25	1 10	0 56	7 40	14 29	4 18	24 5	0 55	6 12	2 16	23 37	0 12	21 11	1 6	13 28	6 44	23 41	23 41	8 40		n.a.
T 19	3 22	15 28	4 10	5 6	1 17	1 17	7 29	14 30	4 14	24 4	0 55	6 9	2 16	23 37	0 12	21 12	1 6	13 28	6 44	23 41	23 41	8 42		n.a.
F 20	2 58	18 53	3 30	5 46	1 24	1 38	7 18	14 30	4 10	24 4	0 55	6 7	2 16	23 38	0 12	21 12	1 6	13 28	6 44	23 40	23 41	8 45		n.a.
S 21	2 34	21 32	2 41	6 26	1 30	1 59	7 7	14 30	4 5	24 4	0 55	6 4	2 16	23 38	0 12	21 12	1 6	13 27	6 44	23 40	23 40	8 47		n.a.
S 22	2 10	23 15	1 44	7 5	1 37	2 19	6 55	14 30	4 1	24 4	0 55	6 1	2 16	23 38	0 12	21 12	1 6	13 27	6 44	23 40	23 40	8 50		n.a.
M23	1 46	23 53	0 41	7 44	1 43	2 39	6 43	14 30	3 56	24 3	0 55	5 58	2 16	23 38	0 12	21 12	1 6	13 27	6 44	23 40	23 40	8 52		n.a.
T 24	1 22	23 18	0s26	8 22	1 49	2 59	6 30	14 29	3 52	24 3	0 55	5 55	2 16	23 38	0 12	21 12	1 6	13 27	6 44	23 40	23 40	8 54		n.a.
W25	0 58	21 28	1 33	8 59	1 55	3 17	6 17	14 28	3 48	24 3	0 55	5 52	2 16	23 38	0 12	21 13	1 6	13 27	6 44	23 40	23 40	8 57		n.a.
T 26	0 34	18 23	2 38	9 36	2 1	3 36	6 3	14 27	3 43	24 3	0 55	5 50	2 16	23 38	0 12	21 13	1 6	13 26	6 44	23 40	23 40	8 59		n.a.
F 27	0 10	14 10	3 35	10 11	2 7	3 53	5 50	14 25	3 39	24 2	0 55	5 47	2 16	23 38	0 13	21 13	1 6	13 26	6 44	23 40	23 40	9 2		n.a.
S 28	0s15	9 0	4 21	10 46	2 12	4 10	5 36	14 23	3 34	24 2	0 55	5 44	2 16	23 38	0 13	21 13	1 6	13 26	6 44	23 40	23 40	9 4		n.a.
S 29	0 39	3 11	4 50	11 20	2 17	4 26	5 22	14 21	3 30	24 2	0 55	5 41	2 16	23 38	0 13	21 13	1 6	13 26	6 45	23 39	23 40	9 7		n.a.
M30	1s 3	2s55	5s 0	11s53	2s22	4n41	5s 8	14s19	3s25	24s 1	0s54	5n38	2n17	23n38	0n13	21s14	1n 6	13n26	6s45	23s39	23s40	9n 9		n.a.

Julian Day Number = 1605882.5, Delta T = 03h56m17s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'21, Lahiri = - 8°19'20 Julian Calendar 1 Sept. 317 BCE == Greg. Calendar 27 Aug. 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

OCTOBER 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 21 23	3♎36'54	11♎13	25♎58	5°R50	1°R18	12♑48	21♍16	21°R 0	10♐38	28°R12	25°R 7	25♐33	11♈38	n.a.	T 1
W 2	0 25 20	4°37'09	26°29	27°11	5°D49	1♓14	12°52	21°23	21♊ 0	10°39	28♉11	24♐56	25°30	11°45	n.a.	W 2
T 3	0 29 16	5°37'26	11♏31	28°22	5♍50	1°12	12°56	21°30	21° 0	10°40	28°10	24°48	25°26	11°52	n.a.	T 3
F 4	0 33 13	6°37'45	26°10	29°31	5°54	1°11	13° 0	21°37	21° 0	10°41	28°10	24°43	25°23	11°58	n.a.	F 4
S 5	0 37 9	7°38'06	10♐22	0♏37	6° 0	1°D10	13° 4	21°44	21° 0	10°42	28° 9	24°41	25°20	12° 5	n.a.	S 5
S 6	0 41 6	8°38'28	24° 5	1°42	6° 8	1°11	13° 9	21°51	21° 0	10°44	28° 8	24°D40	25°17	12°12	n.a.	S 6
M 7	0 45 2	9°38'51	7♑22	2°43	6°18	1°12	13°13	21°58	20°59	10°45	28° 8	24°R40	25°14	12°19	n.a.	M 7
T 8	0 48 59	10°39'16	20°16	3°41	6°31	1°13	13°18	22° 5	20°59	10°46	28° 7	24°40	25°11	12°25	n.a.	T 8
W 9	0 52 55	11°39'43	2♒51	4°36	6°45	1°16	13°23	22°12	20°59	10°48	28° 6	24°38	25° 7	12°32	n.a.	W 9
T 10	0 56 52	12°40'11	15°10	5°27	7° 2	1°19	13°28	22°19	20°58	10°49	28° 5	24°33	25° 4	12°39	n.a.	T 10
F 11	1 0 49	13°40'40	27°19	6°13	7°21	1°24	13°34	22°26	20°58	10°50	28° 5	24°26	25° 1	12°45	n.a.	F 11
S 12	1 4 45	14°41'11	9♓21	6°55	7°42	1°28	13°39	22°33	20°57	10°52	28° 4	24°16	24°58	12°52	n.a.	S 12
S 13	1 8 42	15°41'43	21°18	7°30	8° 4	1°34	13°45	22°39	20°56	10°53	28° 3	24° 4	24°55	12°59	n.a.	S 13
M14	1 12 38	16°42'17	3♈11	8° 0	8°29	1°41	13°51	22°46	20°56	10°55	28° 2	23°51	24°51	13° 6	n.a.	M14
T 15	1 16 35	17°42'53	15° 4	8°22	8°55	1°48	13°57	22°53	20°55	10°56	28° 1	23°38	24°48	13°12	n.a.	T 15
W16	1 20 31	18°43'30	26°56	8°37	9°23	1°55	14° 3	23° 0	20°54	10°58	28° 0	23°25	24°45	13°19	n.a.	W16
T 17	1 24 28	19°44'09	8♉50	8°R44	9°52	2° 4	14°10	23° 6	20°53	10°59	27°59	23°15	24°42	13°26	n.a.	T 17
F 18	1 28 24	20°44'49	20°47	8°41	10°24	2°13	14°16	23°13	20°53	11° 1	27°59	23° 8	24°39	13°32	n.a.	F 18
S 19	1 32 21	21°45'31	2♊49	8°28	10°56	2°23	14°23	23°20	20°52	11° 3	27°58	23° 3	24°36	13°39	n.a.	S 19
S 20	1 36 18	22°46'15	14°59	8° 6	11°30	2°33	14°30	23°26	20°51	11° 4	27°57	23° 1	24°32	13°46	n.a.	S 20
M21	1 40 14	23°47'00	27°21	7°32	12° 6	2°45	14°37	23°33	20°50	11° 6	27°56	23°D 0	24°29	13°53	n.a.	M21
T 22	1 44 11	24°47'48	9♋58	6°48	12°43	2°56	14°44	23°40	20°48	11° 8	27°55	23° 1	24°26	13°59	n.a.	T 22
W23	1 48 7	25°48'37	22°55	5°54	13°21	3° 9	14°52	23°46	20°47	11° 9	27°54	23°R 2	24°23	14° 6	n.a.	W23
T 24	1 52 4	26°49'27	6♌16	4°50	14° 1	3°22	14°59	23°52	20°46	11°11	27°53	23° 1	24°20	14°13	n.a.	T 24
F 25	1 56 0	27°50'19	20° 3	3°39	14°42	3°35	15° 7	23°59	20°45	11°13	27°52	22°59	24°16	14°19	n.a.	F 25
S 26	1 59 57	28°51'13	4♍18	2°21	15°24	3°50	15°15	24° 5	20°44	11°15	27°51	22°55	24°13	14°26	n.a.	S 26
S 27	2 3 53	29°52'08	18°59	1° 0	16° 7	4° 4	15°23	24°12	20°42	11°16	27°50	22°48	24°10	14°33	n.a.	S 27
M28	2 7 50	0♏53'05	4♎ 0	29♎38	16°51	4°20	15°31	24°18	20°41	11°18	27°49	22°40	24° 7	14°40	n.a.	M28
T 29	2 11 47	1°54'03	19°15	28°17	17°36	4°35	15°39	24°24	20°40	11°20	27°48	22°32	24° 4	14°46	n.a.	T 29
W30	2 15 43	2°55'02	4♏30	27° 1	18°22	4°52	15°48	24°30	20°38	11°22	27°47	22°24	24° 1	14°53	n.a.	W30
T 31	2 19 40	3♏56'02	19♏37	25♎52	19♍ 9	5♓ 9	15♑56	24♍36	20♊37	11♐24	27♉45	22♐18	23♐57	15♈ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1s27	8s54	4s49	12s25	2s27	4n56	4s54	14s16	3s21	24s 1	0s54	5n36	2n17	23n38	0n13	21s14	1n 6	13n25	6s45	23s39	23s39	9n12			n.a.
W 2	1 51	14 19	4 17	12 56	2 31	5 9	4 40	14 13	3 16	24 0	0 54	5 33	2 17	23 38	0 13	21 14	1 6	13 25	6 45	23 38	23 39	9 14			n.a.
T 3	2 16	18 45	3 27	13 25	2 35	5 22	4 26	14 10	3 12	24 0	0 54	5 30	2 17	23 38	0 13	21 14	1 6	13 25	6 45	23 38	23 39	9 17			n.a.
F 4	2 40	21 52	2 25	13 54	2 38	5 33	4 12	14 6	3 8	23 59	0 54	5 27	2 17	23 38	0 13	21 14	1 6	13 25	6 45	23 38	23 39	9 19			n.a.
S 5	3 4	23 31	1 15	14 20	2 41	5 44	3 59	14 2	3 3	23 59	0 54	5 25	2 17	23 38	0 13	21 15	1 6	13 25	6 45	23 37	23 39	9 21			n.a.
S 6	3 28	23 39	0 3	14 46	2 44	5 53	3 45	13 58	2 59	23 58	0 54	5 22	2 17	23 38	0 13	21 15	1 6	13 24	6 45	23 37	23 39	9 24			n.a.
M 7	3 52	22 25	1n 7	15 9	2 46	6 2	3 32	13 54	2 55	23 58	0 54	5 19	2 17	23 38	0 13	21 15	1 5	13 24	6 45	23 37	23 39	9 26			n.a.
T 8	4 16	20 1	2 11	15 31	2 47	6 10	3 18	13 49	2 51	23 57	0 54	5 16	2 17	23 38	0 13	21 15	1 5	13 24	6 45	23 37	23 39	9 29			n.a.
W 9	4 40	16 43	3 8	15 50	2 48	6 16	3 5	13 45	2 46	23 57	0 54	5 14	2 17	23 38	0 13	21 16	1 5	13 24	6 45	23 37	23 39	9 31			n.a.
T 10	5 4	12 45	3 54	16 7	2 47	6 22	2 53	13 39	2 42	23 56	0 54	5 11	2 17	23 38	0 13	21 16	1 5	13 23	6 45	23 37	23 38	9 34			n.a.
F 11	5 28	8 21	4 29	16 22	2 47	6 27	2 40	13 34	2 38	23 55	0 54	5 8	2 17	23 38	0 13	21 16	1 5	13 23	6 45	23 37	23 38	9 36			n.a.
S 12	5 51	3 40	4 52	16 35	2 45	6 30	2 28	13 29	2 34	23 55	0 54	5 6	2 18	23 38	0 13	21 16	1 5	13 23	6 45	23 36	23 38	9 38			n.a.
S 13	6 15	1n 7	5 1	16 44	2 42	6 33	2 15	13 23	2 30	23 54	0 54	5 3	2 18	23 38	0 13	21 17	1 5	13 23	6 46	23 36	23 38	9 41			n.a.
M14	6 39	5 49	4 58	16 50	2 38	6 35	2 4	13 17	2 26	23 53	0 54	5 0	2 18	23 38	0 13	21 17	1 5	13 23	6 46	23 35	23 38	9 43			n.a.
T 15	7 2	10 19	4 41	16 53	2 33	6 36	1 52	13 11	2 22	23 53	0 53	4 58	2 18	23 38	0 13	21 17	1 5	13 22	6 46	23 35	23 38	9 46			n.a.
W16	7 25	14 25	4 12	16 52	2 27	6 36	1 40	13 4	2 19	23 52	0 53	4 55	2 18	23 38	0 13	21 17	1 5	13 22	6 46	23 34	23 38	9 48			n.a.
T 17	7 49	17 58	3 32	16 46	2 19	6 35	1 29	12 58	2 15	23 51	0 53	4 53	2 18	23 38	0 13	21 18	1 5	13 22	6 46	23 34	23 38	9 50			n.a.
F 18	8 12	20 47	2 43	16 37	2 9	6 33	1 18	12 51	2 11	23 50	0 53	4 50	2 18	23 38	0 13	21 18	1 5	13 22	6 46	23 33	23 37	9 53			n.a.
S 19	8 35	22 42	1 46	16 22	1 59	6 31	1 8	12 44	2 7	23 50	0 53	4 48	2 18	23 38	0 13	21 18	1 5	13 21	6 46	23 33	23 37	9 55			n.a.
S 20	8 58	23 35	0 43	16 3	1 46	6 27	0 57	12 37	2 4	23 49	0 53	4 45	2 18	23 38	0 13	21 18	1 5	13 21	6 46	23 33	23 37	9 58			n.a.
M21	9 20	23 19	0s23	15 38	1 32	6 23	0 47	12 29	2 0	23 48	0 53	4 42	2 19	23 38	0 13	21 19	1 5	13 21	6 46	23 33	23 37	10 0			n.a.
T 22	9 43	21 52	1 30	15 9	1 16	6 17	0 37	12 22	1 57	23 47	0 53	4 40	2 19	23 38	0 13	21 19	1 5	13 21	6 46	23 33	23 37	10 2			n.a.
W23	10 6	19 15	2 33	14 34	0 58	6 11	0 28	12 14	1 53	23 46	0 53	4 37	2 19	23 38	0 13	21 19	1 5	13 20	6 46	23 33	23 37	10 5			n.a.
T 24	10 28	15 32	3 30	13 55	0 40	6 5	0 19	12 6	1 50	23 45	0 53	4 35	2 19	23 38	0 13	21 19	1 5	13 20	6 46	23 33	23 37	10 7			n.a.
F 25	10 50	10 54	4 17	13 12	0 20	5 57	0 10	11 58	1 46	23 44	0 53	4 33	2 19	23 37	0 13	21 20	1 5	13 20	6 46	23 33	23 36	10 10			n.a.
S 26	11 12	5 33	4 50	12 26	0n 1	5 49	0 1	11 49	1 43	23 43	0 53	4 30	2 19	23 37	0 13	21 20	1 5	13 20	6 46	23 32	23 36	10 12			n.a.
S 27	11 34	0s16	5 6	11 38	0 21	5 40	0n 8	11 41	1 40	23 42	0 53	4 28	2 19	23 37	0 13	21 20	1 5	13 19	6 46	23 32	23 36	10 14			n.a.
M28	11 55	6 12	5 0	10 50	0 42	5 30	0 16	11 32	1 37	23 41	0 53	4 25	2 20	23 37	0 13	21 21	1 5	13 19	6 46	23 32	23 36	10 17			n.a.
T 29	12 17	11 50	4 34	10 2	1 1	5 20	0 24	11 24	1 34	23 40	0 53	4 23	2 20	23 37	0 13	21 21	1 5	13 19	6 46	23 31	23 36	10 19			n.a.
W30	12 38	16 45	3 48	9 18	1 20	5 8	0 32	11 15	1 30	23 39	0 53	4 21	2 20	23 37	0 13	21 21	1 5	13 19	6 46	23 31	23 36	10 21			n.a.
T 31	12s59	20s31	2s46	8s37	1n37	4n57	0n39	11s 6	1s27	23s38	0s53	4n18	2n20	23n37	0n13	21s21	1n 5	13n18	6s46	23s30	23s36	10n24			n.a.

Julian Day Number = 1605912.5, Delta T = 03h56m16s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'17, Lahiri = - 8°19'16 Julian Calendar 1 Oct. 317 BCE == Greg. Calendar 26 Sept. 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

NOVEMBER 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 23 36	4♏57'04	4♐25	24°R51	19♍58	5♓26	16♑ 5	24♍43	20°R35	11♐26	27°R44	22°R15	23♐54	15♈ 6	n.a.	F 1
S 2	2 27 33	5°58'07	18°48	24♎ 1	20°46	5°44	16°14	24°49	20♊33	11°28	27♉43	22°D13	23°51	15°13	n.a.	S 2
S 3	2 31 29	6°59'10	2♑42	23°21	21°36	6° 3	16°23	24°55	20°32	11°30	27°42	22♐14	23°48	15°20	n.a.	S 3
M 4	2 35 26	8° 0'14	16° 9	22°53	22°27	6°22	16°32	25° 0	20°30	11°32	27°41	22°15	23°45	15°27	n.a.	M 4
T 5	2 39 22	9° 1'19	29° 9	22°37	23°18	6°41	16°41	25° 6	20°28	11°34	27°40	22°16	23°42	15°33	n.a.	T 5
W 6	2 43 19	10° 2'24	11♒47	22°D32	24°10	7° 1	16°51	25°12	20°27	11°36	27°39	22°R17	23°38	15°40	n.a.	W 6
T 7	2 47 16	11° 3'30	24° 7	22°36	25° 3	7°21	17° 0	25°18	20°25	11°38	27°38	22°16	23°35	15°47	n.a.	T 7
F 8	2 51 12	12° 4'37	6♓13	22°51	25°57	7°42	17°10	25°24	20°23	11°40	27°37	22°13	23°32	15°53	n.a.	F 8
S 9	2 55 9	13° 5'44	18°11	23°14	26°51	8° 3	17°20	25°29	20°21	11°42	27°35	22° 8	23°29	16° 0	n.a.	S 9
S 10	2 59 5	14° 6'51	0♈ 4	23°46	27°46	8°25	17°29	25°35	20°19	11°44	27°34	22° 2	23°26	16° 7	n.a.	S 10
M11	3 3 2	15° 8'00	11°55	24°24	28°42	8°47	17°39	25°40	20°17	11°46	27°33	21°55	23°22	16°14	n.a.	M11
T 12	3 6 58	16° 9'08	23°48	25° 9	29°38	9° 9	17°50	25°46	20°15	11°48	27°32	21°47	23°19	16°20	n.a.	T 12
W13	3 10 55	17°10'18	5♉43	25°59	0♎35	9°32	18° 0	25°51	20°13	11°50	27°31	21°41	23°16	16°27	n.a.	W13
T 14	3 14 51	18°11'28	17°43	26°55	1°32	9°55	18°10	25°56	20°11	11°52	27°30	21°35	23°13	16°34	n.a.	T 14
F 15	3 18 48	19°12'39	29°49	27°55	2°30	10°18	18°21	26° 2	20° 9	11°54	27°28	21°32	23°10	16°40	n.a.	F 15
S 16	3 22 45	20°13'50	12♊ 3	28°58	3°28	10°42	18°31	26° 7	20° 7	11°56	27°27	21°30	23° 7	16°47	n.a.	S 16
S 17	3 26 41	21°15'02	24°26	0♏ 5	4°27	11° 6	18°42	26°12	20° 5	11°58	27°26	21°D29	23° 3	16°54	n.a.	S 17
M18	3 30 38	22°16'14	7♋ 1	1°15	5°27	11°31	18°53	26°17	20° 3	12° 1	27°25	21°30	23° 0	17° 1	n.a.	M18
T 19	3 34 34	23°17'28	19°48	2°27	6°27	11°55	19° 4	26°22	20° 0	12° 3	27°24	21°32	22°57	17° 7	n.a.	T 19
W20	3 38 31	24°18'41	2♌51	3°41	7°27	12°21	19°15	26°27	19°58	12° 5	27°22	21°33	22°54	17°14	n.a.	W20
T 21	3 42 27	25°19'56	16°12	4°58	8°28	12°46	19°26	26°32	19°56	12° 7	27°21	21°35	22°51	17°21	n.a.	T 21
F 22	3 46 24	26°21'11	29°52	6°16	9°29	13°12	19°37	26°37	19°53	12° 9	27°20	21°R35	22°48	17°27	n.a.	F 22
S 23	3 50 20	27°22'27	13♍54	7°36	10°31	13°38	19°48	26°41	19°51	12°12	27°19	21°34	22°44	17°34	n.a.	S 23
S 24	3 54 17	28°23'43	28°16	8°57	11°33	14° 4	20° 0	26°46	19°49	12°14	27°18	21°32	22°41	17°41	n.a.	S 24
M25	3 58 14	29°24'59	12♎54	10°19	12°35	14°31	20°11	26°50	19°46	12°16	27°16	21°29	22°38	17°48	n.a.	M25
T 26	4 2 10	0♐26'16	27°45	11°42	13°38	14°57	20°23	26°55	19°44	12°18	27°15	21°26	22°35	17°54	n.a.	T 26
W27	4 6 7	1°27'34	12♏41	13° 6	14°41	15°24	20°35	26°59	19°42	12°21	27°14	21°23	22°32	18° 1	n.a.	W27
T 28	4 10 3	2°28'52	27°33	14°31	15°45	15°52	20°47	27° 4	19°39	12°23	27°13	21°21	22°28	18° 8	n.a.	T 28
F 29	4 14 0	3°30'09	12♐13	15°57	16°49	16°20	20°58	27° 8	19°37	12°25	27°12	21°20	22°25	18°14	n.a.	F 29
S 30	4 17 56	4♐31'27	26♐35	17♏24	17♎53	16♓47	21♑10	27♍12	19♊34	12♐27	27♉10	21°D20	22♐22	18♈21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s20	22s50	1s35	8s 1	1n52	4n44	0n47	10s56	1s24	23s37	0s52	4n16	2n20	23n37	0n13	21s22	1n 5	13n18	6s46	23s30	23s35	10n26		n.a.
S 2	13 40	23 34	0 19	7 30	2 4	4 31	0 54	10 47	1 21	23 36	0 52	4 14	2 20	23 37	0 13	21 22	1 5	13 18	6 46	23 30	23 35	10 28		n.a.
S 3	14 1	22 46	0n56	7 5	2 15	4 18	1 1	10 37	1 19	23 35	0 52	4 12	2 21	23 37	0 13	21 22	1 5	13 18	6 46	23 30	23 35	10 31		n.a.
M 4	14 21	20 40	2 6	6 47	2 24	4 3	1 7	10 27	1 16	23 34	0 52	4 9	2 21	23 37	0 13	21 23	1 4	13 17	6 46	23 30	23 35	10 33		n.a.
T 5	14 41	17 32	3 6	6 35	2 31	3 49	1 14	10 18	1 13	23 32	0 52	4 7	2 21	23 36	0 13	21 23	1 4	13 17	6 46	23 30	23 35	10 35		n.a.
W 6	15 0	13 41	3 56	6 28	2 35	3 33	1 20	10 8	1 10	23 31	0 52	4 5	2 21	23 36	0 13	21 23	1 4	13 17	6 46	23 30	23 35	10 38		n.a.
T 7	15 20	9 21	4 34	6 27	2 38	3 18	1 26	9 57	1 8	23 30	0 52	4 3	2 21	23 36	0 13	21 24	1 4	13 17	6 46	23 30	23 35	10 40		n.a.
F 8	15 39	4 44	4 58	6 31	2 40	3 1	1 31	9 47	1 5	23 29	0 52	4 1	2 21	23 36	0 13	21 24	1 4	13 16	6 46	23 30	23 34	10 42		n.a.
S 9	15 58	0n 1	5 9	6 40	2 40	2 44	1 37	9 37	1 2	23 27	0 52	3 59	2 22	23 36	0 13	21 24	1 4	13 16	6 46	23 30	23 34	10 45		n.a.
S 10	16 16	4 43	5 7	6 52	2 39	2 27	1 42	9 26	1 0	23 26	0 52	3 56	2 22	23 36	0 13	21 24	1 4	13 16	6 46	23 29	23 34	10 47		n.a.
M11	16 34	9 14	4 51	7 8	2 37	2 9	1 47	9 16	0 57	23 25	0 52	3 54	2 22	23 36	0 13	21 25	1 4	13 16	6 46	23 29	23 34	10 49		n.a.
T 12	16 52	13 25	4 23	7 28	2 34	1 51	1 52	9 5	0 55	23 23	0 52	3 52	2 22	23 36	0 13	21 25	1 4	13 15	6 46	23 29	23 34	10 52		n.a.
W13	17 10	17 6	3 44	7 50	2 30	1 32	1 56	8 54	0 52	23 22	0 52	3 50	2 22	23 35	0 13	21 25	1 4	13 15	6 46	23 28	23 34	10 54		n.a.
T 14	17 27	20 6	2 54	8 14	2 26	1 13	2 1	8 43	0 50	23 20	0 52	3 48	2 23	23 35	0 13	21 26	1 4	13 15	6 46	23 28	23 33	10 56		n.a.
F 15	17 44	22 15	1 56	8 40	2 21	0 54	2 5	8 32	0 48	23 19	0 52	3 47	2 23	23 35	0 13	21 26	1 4	13 15	6 46	23 28	23 33	10 59		n.a.
S 16	18 1	23 22	0 51	9 8	2 15	0 34	2 9	8 21	0 45	23 17	0 52	3 45	2 23	23 35	0 13	21 26	1 4	13 14	6 46	23 27	23 33	11 1		n.a.
S 17	18 18	23 21	0s16	9 37	2 9	0 14	2 13	8 9	0 43	23 16	0 52	3 43	2 23	23 35	0 14	21 27	1 4	13 14	6 46	23 27	23 33	11 3		n.a.
M18	18 34	22 9	1 24	10 8	2 3	0s 7	2 16	7 58	0 41	23 14	0 52	3 41	2 23	23 35	0 14	21 27	1 4	13 14	6 46	23 27	23 33	11 6		n.a.
T 19	18 49	19 48	2 29	10 39	1 57	0 28	2 19	7 46	0 39	23 13	0 52	3 39	2 24	23 35	0 14	21 27	1 4	13 14	6 46	23 28	23 33	11 8		n.a.
W20	19 5	16 24	3 28	11 11	1 50	0 49	2 23	7 34	0 37	23 11	0 52	3 37	2 24	23 34	0 14	21 28	1 4	13 13	6 46	23 28	23 32	11 10		n.a.
T 21	19 20	12 6	4 17	11 43	1 43	1 10	2 26	7 23	0 34	23 9	0 52	3 36	2 24	23 34	0 14	21 28	1 4	13 13	6 46	23 28	23 32	11 12		n.a.
F 22	19 35	7 6	4 52	12 16	1 35	1 32	2 29	7 11	0 32	23 8	0 52	3 34	2 24	23 34	0 14	21 28	1 4	13 13	6 46	23 28	23 32	11 15		n.a.
S 23	19 49	1 37	5 12	12 50	1 28	1 54	2 31	6 59	0 30	23 6	0 52	3 32	2 24	23 34	0 14	21 28	1 4	13 13	6 46	23 28	23 32	11 17		n.a.
S 24	20 3	4s 4	5 12	13 23	1 21	2 16	2 34	6 47	0 28	23 4	0 52	3 31	2 25	23 34	0 14	21 29	1 4	13 13	6 46	23 28	23 32	11 19		n.a.
M25	20 16	9 39	4 53	13 56	1 13	2 39	2 36	6 35	0 26	23 3	0 52	3 29	2 25	23 34	0 14	21 29	1 4	13 12	6 46	23 27	23 32	11 21		n.a.
T 26	20 30	14 44	4 14	14 29	1 6	3 1	2 38	6 22	0 25	23 1	0 52	3 27	2 25	23 33	0 14	21 29	1 4	13 12	6 46	23 27	23 31	11 24		n.a.
W27	20 42	18 58	3 17	15 3	0 58	3 24	2 40	6 10	0 23	22 59	0 51	3 26	2 25	23 33	0 14	21 30	1 4	13 12	6 46	23 27	23 31	11 26		n.a.
T 28	20 55	21 55	2 8	15 35	0 51	3 47	2 42	5 58	0 21	22 57	0 51	3 24	2 26	23 33	0 14	21 30	1 4	13 12	6 46	23 27	23 31	11 28		n.a.
F 29	21 7	23 22	0 50	16 8	0 43	4 10	2 43	5 45	0 19	22 55	0 51	3 23	2 26	23 33	0 14	21 30	1 4	13 12	6 45	23 27	23 31	11 31		n.a.
S 30	21s18	23s12	0n29	16s40	0n35	4s34	2n45	5s32	0s17	22s53	0s51	3n21	2n26	23n33	0n14	21s31	1n 4	13n11	6s45	23s27	23s31	11n33		n.a.

Julian Day Number = 1605943.5, Delta T = 03h56m15s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'12, Lahiri = - 8°19'12 Julian Calendar 1 Nov. 317 BCE == Greg. Calendar 27 Oct. 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 317 BCE
geocentric

DECEMBER 317 BCE (-316) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 53	5♐32'45	10♉33	18♏51	18♎57	17♓16	21♉23	27♍16	19°R32	12♐30	27°R 9	21♐21	22♐19	18♈28	n.a.	S 1
M 2	4 25 50	6°34'02	24° 6	20°19	20° 2	17°44	21°35	27°20	19♊29	12°32	27♉ 8	21°22	22°16	18°35	n.a.	M 2
T 3	4 29 46	7°35'19	7♒14	21°47	21° 7	18°12	21°47	27°24	19°27	12°34	27° 7	21°23	22°13	18°41	n.a.	T 3
W 4	4 33 43	8°36'35	19°59	23°16	22°12	18°41	21°59	27°28	19°24	12°36	27° 6	21°24	22° 9	18°48	n.a.	W 4
T 5	4 37 39	9°37'51	2♓24	24°45	23°18	19°10	22°12	27°31	19°22	12°39	27° 5	21°25	22° 6	18°55	n.a.	T 5
F 6	4 41 36	10°39'07	14°33	26°15	24°24	19°40	22°24	27°35	19°19	12°41	27° 3	21°R25	22° 3	19° 1	n.a.	F 6
S 7	4 45 32	11°40'22	26°32	27°45	25°30	20° 9	22°37	27°38	19°16	12°43	27° 2	21°24	22° 0	19° 8	n.a.	S 7
S 8	4 49 29	12°41'36	8♈25	29°16	26°36	20°39	22°49	27°42	19°14	12°45	27° 1	21°24	21°57	19°15	n.a.	S 8
M 9	4 53 25	13°42'50	20°16	0♐47	27°42	21° 9	23° 2	27°45	19°11	12°48	27° 0	21°23	21°54	19°21	n.a.	M 9
T 10	4 57 22	14°44'03	2♉ 9	2°19	28°49	21°39	23°15	27°48	19° 9	12°50	26°59	21°22	21°50	19°28	n.a.	T 10
W11	5 1 19	15°45'15	14° 8	3°51	29°56	22° 9	23°28	27°52	19° 6	12°52	26°58	21°21	21°47	19°35	n.a.	W11
T 12	5 5 15	16°46'27	26°15	5°24	1♏ 3	22°39	23°41	27°55	19° 4	12°55	26°56	21°20	21°44	19°42	n.a.	T 12
F 13	5 9 12	17°47'38	8♊32	6°57	2°11	23°10	23°54	27°58	19° 1	12°57	26°55	21°20	21°41	19°48	n.a.	F 13
S 14	5 13 8	18°48'49	21° 1	8°30	3°18	23°40	24° 7	28° 1	18°58	12°59	26°54	21°D20	21°38	19°55	n.a.	S 14
S 15	5 17 5	19°49'59	3♋44	10° 5	4°26	24°11	24°20	28° 3	18°56	13° 1	26°53	21°20	21°34	20° 2	n.a.	S 15
M16	5 21 1	20°51'09	16°39	11°39	5°34	24°42	24°33	28° 6	18°53	13° 4	26°52	21°R20	21°31	20° 8	n.a.	M16
T 17	5 24 58	21°52'18	29°47	13°14	6°42	25°14	24°46	28° 9	18°51	13° 6	26°51	21°20	21°28	20°15	n.a.	T 17
W18	5 28 54	22°53'27	13♌ 9	14°50	7°50	25°45	24°59	28°11	18°48	13° 8	26°50	21°20	21°25	20°22	n.a.	W18
T 19	5 32 51	23°54'35	26°44	16°26	8°59	26°16	25°13	28°14	18°45	13°10	26°49	21°19	21°22	20°29	n.a.	T 19
F 20	5 36 48	24°55'42	10♍31	18° 2	10° 7	26°48	25°26	28°16	18°43	13°13	26°48	21°19	21°19	20°35	n.a.	F 20
S 21	5 40 44	25°56'49	24°30	19°40	11°16	27°20	25°40	28°18	18°40	13°15	26°47	21°D19	21°15	20°42	n.a.	S 21
S 22	5 44 41	26°57'55	8♎39	21°17	12°25	27°52	25°53	28°20	18°38	13°17	26°46	21°19	21°12	20°49	n.a.	S 22
M23	5 48 37	27°59'01	22°57	22°56	13°34	28°24	26° 7	28°22	18°35	13°19	26°45	21°20	21° 9	20°55	n.a.	M23
T 24	5 52 34	29° 0'06	7♏21	24°35	14°43	28°56	26°20	28°24	18°32	13°21	26°44	21°20	21° 6	21° 2	n.a.	T 24
W25	5 56 30	0♑ 1'10	21°47	26°14	15°52	29°28	26°34	28°26	18°30	13°24	26°43	21°21	21° 3	21° 9	n.a.	W25
T 26	6 0 27	1° 2'14	6♐11	27°55	17° 2	0♈ 1	26°48	28°28	18°27	13°26	26°42	21°22	21° 0	21°15	n.a.	T 26
F 27	6 4 24	2° 3'17	20°28	29°36	18°12	0°33	27° 1	28°29	18°25	13°28	26°41	21°R22	20°56	21°22	n.a.	F 27
S 28	6 8 20	3° 4'19	4♑32	1♑17	19°21	1° 6	27°15	28°31	18°22	13°30	26°40	21°22	20°53	21°29	n.a.	S 28
S 29	6 12 17	4° 5'19	18°20	2°59	20°31	1°39	27°29	28°32	18°20	13°32	26°39	21°21	20°50	21°36	n.a.	S 29
M30	6 16 13	5° 6'19	1♒49	4°42	21°41	2°12	27°43	28°33	18°17	13°35	26°38	21°19	20°47	21°42	n.a.	M30
T 31	6 20 10	6♑ 7'17	14♒57	6♑26	22♏51	2♈45	27♑57	28♍35	18♊15	13♐37	26♉37	21♐17	20♐44	21♈49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21s30	21s34	1n44	17s12	0n28	4s57	2n46	5s20	0s16	22s51	0s51	3n20	2n26	23n33	0n14	21s31	1n 4	13n11	6s45	23s27	23s30	11n35			n.a.
M 2	21 40	18 44	2 52	17 43	0 21	5 21	2 47	5 7	0 14	22 49	0 51	3 19	2 27	23 32	0 14	21 31	1 4	13 11	6 45	23 27	23 30	11 37			n.a.
T 3	21 51	15 1	3 48	18 13	0 13	5 44	2 48	4 54	0 12	22 47	0 51	3 17	2 27	23 32	0 14	21 32	1 4	13 11	6 45	23 27	23 30	11 40			n.a.
W 4	22 1	10 43	4 31	18 43	0 6	6 8	2 49	4 41	0 10	22 45	0 51	3 16	2 27	23 32	0 14	21 32	1 4	13 11	6 45	23 27	23 30	11 42			n.a.
T 5	22 10	6 5	5 0	19 13	0s 1	6 32	2 50	4 28	0 9	22 43	0 51	3 15	2 27	23 32	0 14	21 32	1 4	13 10	6 45	23 27	23 30	11 44			n.a.
F 6	22 19	1 19	5 15	19 41	0 8	6 56	2 50	4 15	0 7	22 41	0 51	3 13	2 28	23 32	0 14	21 32	1 4	13 10	6 45	23 27	23 29	11 46			n.a.
S 7	22 28	3n25	5 16	20 9	0 15	7 20	2 51	4 2	0 6	22 39	0 51	3 12	2 28	23 31	0 14	21 33	1 4	13 10	6 45	23 27	23 29	11 48			n.a.
S 8	22 36	8 0	5 3	20 36	0 22	7 44	2 51	3 49	0 4	22 37	0 51	3 11	2 28	23 31	0 14	21 33	1 4	13 10	6 45	23 27	23 29	11 51			n.a.
M 9	22 44	12 17	4 38	21 2	0 29	8 7	2 51	3 36	0 3	22 35	0 51	3 10	2 28	23 31	0 14	21 33	1 4	13 10	6 45	23 27	23 29	11 53			n.a.
T 10	22 51	16 7	4 0	21 27	0 35	8 31	2 51	3 22	0 1	22 33	0 51	3 9	2 29	23 31	0 14	21 34	1 4	13 10	6 45	23 27	23 29	11 55			n.a.
W11	22 58	19 19	3 12	21 52	0 42	8 55	2 51	3 9	0n 0	22 31	0 51	3 8	2 29	23 31	0 14	21 34	1 4	13 9	6 44	23 27	23 28	11 57			n.a.
T 12	23 4	21 44	2 15	22 15	0 48	9 19	2 51	2 55	0 2	22 28	0 51	3 7	2 29	23 30	0 14	21 34	1 4	13 9	6 44	23 27	23 28	12 0			n.a.
F 13	23 10	23 9	1 10	22 37	0 54	9 43	2 50	2 42	0 3	22 26	0 51	3 6	2 29	23 30	0 14	21 35	1 4	13 9	6 44	23 27	23 28	12 2			n.a.
S 14	23 15	23 27	0 2	22 59	1 0	10 7	2 50	2 28	0 5	22 24	0 51	3 5	2 30	23 30	0 14	21 35	1 4	13 9	6 44	23 27	23 28	12 4			n.a.
S 15	23 20	22 33	1s 8	23 19	1 5	10 30	2 49	2 15	0 6	22 21	0 51	3 4	2 30	23 30	0 14	21 35	1 4	13 9	6 44	23 27	23 28	12 6			n.a.
M16	23 25	20 26	2 16	23 38	1 11	10 54	2 48	2 1	0 7	22 19	0 51	3 3	2 30	23 30	0 14	21 35	1 4	13 9	6 44	23 27	23 27	12 8			n.a.
T 17	23 29	17 13	3 18	23 56	1 16	11 17	2 47	1 47	0 9	22 17	0 51	3 3	2 30	23 29	0 14	21 36	1 4	13 9	6 44	23 27	23 27	12 11			n.a.
W18	23 32	13 5	4 10	24 12	1 21	11 40	2 46	1 34	0 10	22 14	0 51	3 2	2 31	23 29	0 14	21 36	1 4	13 8	6 44	23 27	23 27	12 13			n.a.
T 19	23 35	8 14	4 49	24 27	1 26	12 3	2 45	1 20	0 11	22 12	0 51	3 1	2 31	23 29	0 14	21 36	1 4	13 8	6 44	23 27	23 27	12 15			n.a.
F 20	23 38	2 55	5 12	24 41	1 31	12 26	2 44	1 6	0 12	22 9	0 51	3 0	2 31	23 29	0 14	21 37	1 4	13 8	6 43	23 27	23 27	12 17			n.a.
S 21	23 40	2s37	5 17	24 54	1 35	12 49	2 43	0 52	0 14	22 7	0 51	3 0	2 32	23 28	0 14	21 37	1 4	13 8	6 43	23 27	23 26	12 19			n.a.
S 22	23 42	8 6	5 3	25 5	1 39	13 12	2 41	0 38	0 15	22 4	0 51	2 59	2 32	23 28	0 14	21 37	1 4	13 8	6 43	23 27	23 26	12 21			n.a.
M23	23 43	13 12	4 30	25 15	1 43	13 34	2 40	0 24	0 16	22 2	0 51	2 59	2 32	23 28	0 14	21 37	1 4	13 8	6 43	23 27	23 26	12 24			n.a.
T 24	23 44	17 36	3 41	25 23	1 46	13 56	2 38	0 10	0 17	21 59	0 51	2 58	2 32	23 28	0 14	21 38	1 4	13 8	6 43	23 27	23 26	12 26			n.a.
W25	23 44	20 57	2 37	25 30	1 49	14 18	2 36	0n 4	0 18	21 56	0 51	2 58	2 33	23 28	0 14	21 38	1 4	13 8	6 43	23 27	23 26	12 28			n.a.
T 26	23 44	22 58	1 23	25 35	1 52	14 40	2 35	0 18	0 19	21 54	0 51	2 57	2 33	23 27	0 14	21 38	1 4	13 8	6 43	23 27	23 25	12 30			n.a.
F 27	23 43	23 28	0 5	25 38	1 55	15 1	2 33	0 32	0 20	21 51	0 51	2 57	2 33	23 27	0 14	21 39	1 4	13 8	6 43	23 27	23 25	12 32			n.a.
S 28	23 42	22 27	1n12	25 40	1 57	15 22	2 31	0 46	0 22	21 48	0 51	2 56	2 34	23 27	0 14	21 39	1 4	13 7	6 42	23 27	23 25	12 34			n.a.
S 29	23 40	20 5	2 24	25 40	1 58	15 43	2 29	1 0	0 23	21 46	0 52	2 56	2 34	23 27	0 14	21 39	1 4	13 7	6 42	23 27	23 25	12 37			n.a.
M30	23 38	16 39	3 26	25 39	2 0	16 3	2 26	1 15	0 24	21 43	0 52	2 56	2 34	23 27	0 14	21 39	1 4	13 7	6 42	23 27	23 24	12 39			n.a.
T 31	23s35	12s29	4n15	25s35	2s 1	16s23	2n24	1n29	0n25	21s40	0s52	2n56	2n34	23n26	0n14	21s40	1n 4	13n 7	6s42	23s27	23s24	12n41			n.a.

Julian Day Number = 1605973.5, Delta T = 03h56m14s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'08, Lahiri = - 8°19'08 Julian Calendar 1 Dec. 317 BCE == Greg. Calendar 26 Nov. 317 BCE

The year -316 astronomical counting style corresponds to year 317 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

JANUARY 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 24 6	7♉ 8'14	27♒45	8♉10	24♏ 1	3♈18	28♉11	28♍36	18°R12	13♐39	26°R36	21°R15	20♐40	21♈56	n.a.	W 1
T 2	6 28 3	8° 9'09	10♓13	9°55	25°11	3°51	28°25	28°37	18♊10	13°41	26♋35	21♐12	20°37	22° 2	n.a.	T 2
F 3	6 31 59	9°10'02	22°26	11°41	26°22	4°24	28°39	28°38	18° 8	13°43	26°35	21°11	20°34	22° 9	n.a.	F 3
S 4	6 35 56	10°10'54	4♈27	13°27	27°32	4°58	28°53	28°38	18° 5	13°45	26°34	21°10	20°31	22°16	n.a.	S 4
S 5	6 39 53	11°11'45	16°21	15°14	28°42	5°31	29° 7	28°39	18° 3	13°47	26°33	21°D10	20°28	22°23	n.a.	S 5
M 6	6 43 49	12°12'33	28°12	17° 1	29°53	6° 5	29°21	28°40	18° 1	13°49	26°32	21°11	20°25	22°29	n.a.	M 6
T 7	6 47 46	13°13'21	10♉ 5	18°49	1♐ 4	6°39	29°35	28°40	17°58	13°51	26°31	21°12	20°21	22°36	n.a.	T 7
W 8	6 51 42	14°14'06	22° 5	20°38	2°14	7°12	29°49	28°40	17°56	13°53	26°31	21°14	20°18	22°43	n.a.	W 8
T 9	6 55 39	15°14'50	4♊17	22°26	3°25	7°46	0♒ 4	28°41	17°54	13°55	26°30	21°16	20°15	22°49	n.a.	T 9
F 10	6 59 35	16°15'32	16°43	24°16	4°36	8°20	0°18	28°41	17°52	13°57	26°29	21°R16	20°12	22°56	n.a.	F 10
S 11	7 3 32	17°16'13	29°26	26° 5	5°47	8°54	0°32	28°R41	17°49	13°59	26°28	21°16	20° 9	23° 3	n.a.	S 11
S 12	7 7 28	18°16'52	12♋27	27°54	6°58	9°28	0°46	28°41	17°47	14° 1	26°28	21°15	20° 6	23° 9	n.a.	S 12
M13	7 11 25	19°17'29	25°46	29°43	8° 9	10° 3	1° 1	28°41	17°45	14° 3	26°27	21°12	20° 2	23°16	n.a.	M13
T 14	7 15 22	20°18'05	9♌21	1♒31	9°20	10°37	1°15	28°40	17°43	14° 5	26°26	21° 8	19°59	23°23	n.a.	T 14
W15	7 19 18	21°18'39	23°11	3°19	10°32	11°11	1°29	28°40	17°41	14° 7	26°26	21° 3	19°56	23°30	n.a.	W15
T 16	7 23 15	22°19'12	7♍11	5° 6	11°43	11°46	1°44	28°40	17°39	14° 9	26°25	20°58	19°53	23°36	n.a.	T 16
F 17	7 27 11	23°19'43	21°18	6°52	12°54	12°20	1°58	28°39	17°37	14°11	26°25	20°54	19°50	23°43	n.a.	F 17
S 18	7 31 8	24°20'12	5♎29	8°36	14° 6	12°54	2°12	28°38	17°35	14°13	26°24	20°51	19°46	23°50	n.a.	S 18
S 19	7 35 4	25°20'41	19°40	10°17	15°17	13°29	2°27	28°38	17°33	14°15	26°23	20°D50	19°43	23°56	n.a.	S 19
M20	7 39 1	26°21'08	3♏49	11°57	16°29	14° 4	2°41	28°37	17°31	14°16	26°23	20°50	19°40	24° 3	n.a.	M20
T 21	7 42 57	27°21'33	17°55	13°33	17°40	14°38	2°56	28°36	17°29	14°18	26°22	20°51	19°37	24°10	n.a.	T 21
W22	7 46 54	28°21'57	1♐57	15° 5	18°52	15°13	3°10	28°35	17°28	14°20	26°22	20°52	19°34	24°16	n.a.	W22
T 23	7 50 51	29°22'20	15°52	16°33	20° 4	15°48	3°24	28°33	17°26	14°22	26°21	20°R53	19°31	24°23	n.a.	T 23
F 24	7 54 47	0♒22'41	29°40	17°56	21°15	16°23	3°39	28°32	17°24	14°24	26°21	20°53	19°27	24°30	n.a.	F 24
S 25	7 58 44	1°23'00	13♉18	19°14	22°27	16°58	3°53	28°31	17°23	14°25	26°21	20°51	19°24	24°37	n.a.	S 25
S 26	8 2 40	2°23'17	26°45	20°25	23°39	17°33	4° 8	28°29	17°21	14°27	26°20	20°47	19°21	24°43	n.a.	S 26
M27	8 6 37	3°23'33	9♒57	21°30	24°51	18° 8	4°22	28°28	17°19	14°29	26°20	20°41	19°18	24°50	n.a.	M27
T 28	8 10 33	4°23'46	22°55	22°27	26° 3	18°43	4°37	28°26	17°18	14°30	26°19	20°33	19°15	24°57	n.a.	T 28
W29	8 14 30	5°23'58	5♓36	23°17	27°15	19°18	4°51	28°24	17°16	14°32	26°19	20°25	19°12	25° 3	n.a.	W29
T 30	8 18 26	6°24'07	18° 2	23°58	28°27	19°54	5° 6	28°22	17°15	14°33	26°19	20°16	19° 8	25°10	n.a.	T 30
F 31	8 22 23	7♒24'14	0♈15	24♒30	29♐39	20♈29	5♒20	28♍20	17♊13	14♐35	26♋18	20♐ 9	19♐ 5	25♈17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23s32	7s52	4n50	25s30	2s 1	16s43	2n22	1n43	0n26	21s37	0s52	2n55	2n35	23n26	0n14	21s40	1n 4	13n 7	6s42	23s26	23s24	12n43			n.a.
T 2	23 29	3 3	5 10	25 23	2 2	17 2	2 19	1 57	0 27	21 34	0 52	2 55	2 35	23 26	0 14	21 40	1 4	13 7	6 42	23 26	23 24	12 45			n.a.
F 3	23 25	1n47	5 16	25 14	2 1	17 22	2 17	2 12	0 28	21 32	0 52	2 55	2 35	23 26	0 14	21 40	1 4	13 7	6 41	23 26	23 24	12 47			n.a.
S 4	23 20	6 29	5 7	25 3	2 1	17 40	2 14	2 26	0 29	21 29	0 52	2 55	2 36	23 25	0 14	21 41	1 4	13 7	6 41	23 26	23 23	12 49			n.a.
S 5	23 15	10 53	4 46	24 49	1 59	17 58	2 12	2 40	0 30	21 26	0 52	2 55	2 36	23 25	0 14	21 41	1 4	13 7	6 41	23 26	23 23	12 51			n.a.
M 6	23 10	14 53	4 12	24 34	1 57	18 16	2 9	2 55	0 30	21 23	0 52	2 55	2 36	23 25	0 14	21 41	1 4	13 7	6 41	23 26	23 23	12 54			n.a.
T 7	23 4	18 18	3 28	24 17	1 55	18 34	2 6	3 9	0 31	21 20	0 52	2 55	2 36	23 25	0 14	21 41	1 4	13 7	6 41	23 26	23 23	12 56			n.a.
W 8	22 58	20 59	2 34	23 58	1 52	18 51	2 4	3 23	0 32	21 17	0 52	2 55	2 37	23 25	0 14	21 42	1 4	13 7	6 41	23 26	23 22	12 58			n.a.
T 9	22 51	22 46	1 32	23 37	1 49	19 7	2 1	3 38	0 33	21 14	0 52	2 56	2 37	23 24	0 14	21 42	1 4	13 7	6 41	23 26	23 22	13 0			n.a.
F 10	22 44	23 29	0 25	23 14	1 44	19 23	1 58	3 52	0 34	21 11	0 52	2 56	2 37	23 24	0 14	21 42	1 4	13 7	6 40	23 27	23 22	13 2			n.a.
S 11	22 36	22 59	0s45	22 49	1 40	19 39	1 55	4 6	0 35	21 8	0 52	2 56	2 37	23 24	0 14	21 42	1 4	13 7	6 40	23 26	23 22	13 4			n.a.
S 12	22 28	21 15	1 54	22 22	1 34	19 54	1 52	4 21	0 36	21 5	0 52	2 56	2 38	23 24	0 14	21 42	1 4	13 7	6 40	23 26	23 21	13 6			n.a.
M13	22 20	18 20	2 58	21 53	1 28	20 9	1 49	4 35	0 36	21 1	0 52	2 57	2 38	23 24	0 14	21 43	1 4	13 7	6 40	23 26	23 21	13 8			n.a.
T 14	22 11	14 23	3 53	21 23	1 21	20 23	1 46	4 49	0 37	20 58	0 52	2 57	2 38	23 23	0 14	21 43	1 4	13 7	6 40	23 26	23 21	13 10			n.a.
W15	22 1	9 37	4 36	20 50	1 13	20 36	1 43	5 4	0 38	20 55	0 52	2 57	2 39	23 23	0 14	21 43	1 4	13 7	6 39	23 26	23 21	13 12			n.a.
T 16	21 52	4 18	5 3	20 16	1 5	20 50	1 39	5 18	0 39	20 52	0 52	2 58	2 39	23 23	0 14	21 43	1 4	13 7	6 39	23 25	23 21	13 15			n.a.
F 17	21 41	1s17	5 12	19 41	0 56	21 2	1 36	5 32	0 40	20 49	0 52	2 58	2 39	23 23	0 14	21 44	1 4	13 7	6 39	23 25	23 20	13 17			n.a.
S 18	21 31	6 49	5 2	19 4	0 46	21 14	1 33	5 47	0 40	20 46	0 52	2 59	2 39	23 23	0 14	21 44	1 4	13 7	6 39	23 25	23 20	13 19			n.a.
S 19	21 20	12 0	4 34	18 27	0 35	21 25	1 30	6 1	0 41	20 42	0 52	2 59	2 40	23 23	0 14	21 44	1 4	13 7	6 39	23 25	23 20	13 21			n.a.
M20	21 8	16 31	3 49	17 48	0 24	21 36	1 26	6 15	0 42	20 39	0 52	3 0	2 40	23 22	0 14	21 44	1 4	13 7	6 39	23 25	23 20	13 23			n.a.
T 21	20 57	20 6	2 50	17 9	0 12	21 46	1 23	6 29	0 43	20 36	0 52	3 1	2 40	23 22	0 14	21 44	1 4	13 7	6 38	23 25	23 19	13 25			n.a.
W22	20 44	22 28	1 41	16 30	0n 1	21 56	1 20	6 44	0 43	20 32	0 53	3 1	2 41	23 22	0 14	21 45	1 4	13 7	6 38	23 25	23 19	13 27			n.a.
T 23	20 32	23 26	0 27	15 50	0 14	22 5	1 16	6 58	0 44	20 29	0 53	3 2	2 41	23 22	0 14	21 45	1 4	13 7	6 38	23 25	23 19	13 29			n.a.
F 24	20 19	22 56	0n48	15 12	0 28	22 14	1 13	7 12	0 45	20 26	0 53	3 3	2 41	23 22	0 14	21 45	1 4	13 8	6 38	23 25	23 19	13 31			n.a.
S 25	20 6	21 5	1 59	14 34	0 43	22 21	1 10	7 26	0 45	20 22	0 53	3 4	2 41	23 22	0 14	21 45	1 4	13 8	6 38	23 25	23 18	13 33			n.a.
S 26	19 52	18 5	3 2	13 57	0 58	22 29	1 6	7 41	0 46	20 19	0 53	3 4	2 42	23 21	0 14	21 45	1 4	13 8	6 37	23 24	23 18	13 35			n.a.
M27	19 38	14 13	3 54	13 22	1 13	22 35	1 3	7 55	0 47	20 15	0 53	3 5	2 42	23 21	0 14	21 45	1 4	13 8	6 37	23 24	23 18	13 37			n.a.
T 28	19 24	9 45	4 33	12 49	1 28	22 41	0 59	8 9	0 47	20 12	0 53	3 6	2 42	23 21	0 14	21 46	1 4	13 8	6 37	23 23	23 17	13 39			n.a.
W29	19 9	4 57	4 58	12 18	1 43	22 46	0 56	8 23	0 48	20 9	0 53	3 7	2 42	23 21	0 14	21 46	1 4	13 8	6 37	23 23	23 17	13 41			n.a.
T 30	18 54	0 4	5 8	11 50	1 59	22 51	0 53	8 37	0 48	20 5	0 53	3 8	2 43	23 21	0 14	21 46	1 4	13 8	6 37	23 22	23 17	13 43			n.a.
F 31	18s39	4n43	5n 3	11s25	2n14	22s55	0n49	8n51	0n49	20s 2	0s53	3n 9	2n43	23n21	0n14	21s46	1n 4	13n 8	6s37	23s22	23s17	13n45			n.a.

Julian Day Number = 1606004.5, Delta T = 03h56m12s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'04, Lahiri = - 8°19'04 Julian Calendar 1 Jan. 316 BCE == Greg. Calendar 27 Dec. 317 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

FEBRUARY 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 20	8♒24'19	12♈15	24♒53	0♉51	21♈ 4	5♒35	28°R18	17°R12	14♐37	26°R18	20°R 4	19♐ 2	25♈23	n.a.	S 1
S 2	8 30 16	9°24'22	24° 9	25° 7	2° 3	21°40	5°49	28♍16	17♊11	14°38	26♉18	20♐ 0	18°59	25°30	n.a.	S 2
M 3	8 34 13	10°24'22	5♉59	25°R12	3°15	22°15	6° 3	28°14	17° 9	14°39	26°18	19°D58	18°56	25°37	n.a.	M 3
T 4	8 38 9	11°24'20	17°51	25° 8	4°27	22°50	6°18	28°12	17° 8	14°41	26°17	19°59	18°52	25°44	n.a.	T 4
W 5	8 42 6	12°24'16	29°51	24°54	5°39	23°26	6°32	28° 9	17° 7	14°42	26°17	20° 0	18°49	25°50	n.a.	W 5
T 6	8 46 2	13°24'10	12♊ 2	24°32	6°51	24° 2	6°47	28° 7	17° 6	14°44	26°17	20° 1	18°46	25°57	n.a.	T 6
F 7	8 49 59	14°24'01	24°31	24° 3	8° 3	24°37	7° 1	28° 4	17° 5	14°45	26°17	20°R 1	18°43	26° 4	n.a.	F 7
S 8	8 53 55	15°23'50	7♋21	23°26	9°16	25°13	7°15	28° 2	17° 4	14°47	26°17	19°59	18°40	26°10	n.a.	S 8
S 9	8 57 52	16°23'37	20°35	22°43	10°28	25°48	7°30	27°59	17° 3	14°48	26°17	19°55	18°37	26°17	n.a.	S 9
M10	9 1 49	17°23'22	4♌12	21°54	11°40	26°24	7°44	27°56	17° 2	14°49	26°17	19°49	18°33	26°24	n.a.	M10
T 11	9 5 45	18°23'04	18°11	21° 2	12°52	27° 0	7°59	27°53	17° 1	14°50	26°17	19°41	18°30	26°30	n.a.	T 11
W12	9 9 42	19°22'44	2♍28	20° 7	14° 5	27°35	8°13	27°50	17° 0	14°52	26°17	19°31	18°27	26°37	n.a.	W12
T 13	9 13 38	20°22'22	16°58	19°10	15°17	28°11	8°27	27°47	16°59	14°53	26°D17	19°22	18°24	26°44	n.a.	T 13
F 14	9 17 35	21°21'59	1♎32	18°14	16°30	28°47	8°41	27°44	16°59	14°54	26°17	19°13	18°21	26°50	n.a.	F 14
S 15	9 21 31	22°21'33	16° 5	17°18	17°42	29°23	8°56	27°41	16°58	14°55	26°17	19° 6	18°17	26°57	n.a.	S 15
S 16	9 25 28	23°21'05	0♏31	16°24	18°54	29°59	9°10	27°37	16°57	14°56	26°17	19° 1	18°14	27° 4	n.a.	S 16
M17	9 29 24	24°20'36	14°47	15°33	20° 7	0♉35	9°24	27°34	16°57	14°57	26°17	18°59	18°11	27°11	n.a.	M17
T 18	9 33 21	25°20'04	28°49	14°46	21°19	1°11	9°38	27°31	16°56	14°58	26°17	18°D59	18° 8	27°17	n.a.	T 18
W19	9 37 17	26°19'31	12♐39	14° 4	22°32	1°47	9°52	27°27	16°56	14°59	26°17	18°R59	18° 5	27°24	n.a.	W19
T 20	9 41 14	27°18'57	26°15	13°27	23°44	2°23	10° 7	27°24	16°55	15° 0	26°17	18°59	18° 2	27°31	n.a.	T 20
F 21	9 45 11	28°18'20	9♉40	12°55	24°57	2°59	10°21	27°20	16°55	15° 1	26°17	18°58	17°58	27°37	n.a.	F 21
S 22	9 49 7	29°17'41	22°54	12°29	26° 9	3°35	10°35	27°16	16°55	15° 2	26°18	18°53	17°55	27°44	n.a.	S 22
S 23	9 53 4	0♓17'00	5♒57	12° 9	27°22	4°11	10°49	27°12	16°54	15° 3	26°18	18°46	17°52	27°51	n.a.	S 23
M24	9 57 0	1°16'18	18°49	11°55	28°35	4°47	11° 3	27° 9	16°54	15° 4	26°18	18°36	17°49	27°57	n.a.	M24
T 25	10 0 57	2°15'33	1♓29	11°46	29°47	5°23	11°17	27° 5	16°54	15° 5	26°18	18°24	17°46	28° 4	n.a.	T 25
W26	10 4 53	3°14'45	13°58	11°D44	1♒ 0	5°59	11°31	27° 1	16°54	15° 6	26°19	18°11	17°43	28°11	n.a.	W26
T 27	10 8 50	4°13'56	26°15	11°47	2°12	6°35	11°45	26°57	16°D54	15° 7	26°19	17°58	17°39	28°17	n.a.	T 27
F 28	10 12 46	5♓13'04	8♈22	11♒56	3♒25	7♉11	11♒59	26♍53	16♊54	15♐ 7	26♉19	17♐46	17♐36	28♈24	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s23	9n16	4n45	11s 4	2n28	22s58	0n46	9n 5	0n50	19s58	0s53	3n10	2n43	23n21	0n14	21s46	1n 4	13n 8	6s36	23s21	23s16	13n47		n.a.
S 2	18 7	13 25	4 15	10 46	2 42	23 1	0 42	9 19	0 50	19 55	0 53	3 11	2 43	23 20	0 14	21 46	1 4	13 9	6 36	23 21	23 16	13 49		n.a.
M 3	17 51	17 3	3 34	10 32	2 55	23 3	0 39	9 33	0 51	19 51	0 53	3 12	2 44	23 20	0 14	21 47	1 4	13 9	6 36	23 21	23 16	13 51		n.a.
T 4	17 34	19 59	2 44	10 22	3 7	23 4	0 35	9 47	0 51	19 47	0 53	3 14	2 44	23 20	0 14	21 47	1 4	13 9	6 36	23 21	23 16	13 53		n.a.
W 5	17 17	22 6	1 46	10 16	3 18	23 5	0 32	10 1	0 52	19 44	0 54	3 15	2 44	23 20	0 14	21 47	1 4	13 9	6 36	23 21	23 15	13 55		n.a.
T 6	17 0	23 13	0 43	10 14	3 28	23 5	0 29	10 14	0 52	19 40	0 54	3 16	2 44	23 20	0 14	21 47	1 4	13 9	6 35	23 21	23 15	13 57		n.a.
F 7	16 43	23 13	0s24	10 17	3 36	23 4	0 25	10 28	0 53	19 37	0 54	3 17	2 45	23 20	0 14	21 47	1 4	13 9	6 35	23 21	23 15	13 59		n.a.
S 8	16 25	22 0	1 32	10 23	3 42	23 2	0 22	10 42	0 53	19 33	0 54	3 18	2 45	23 20	0 14	21 47	1 4	13 9	6 35	23 21	23 15	14 1		n.a.
S 9	16 7	19 34	2 36	10 33	3 46	23 0	0 19	10 56	0 54	19 29	0 54	3 20	2 45	23 20	0 14	21 47	1 4	13 10	6 35	23 21	23 14	14 3		n.a.
M10	15 49	15 59	3 34	10 47	3 48	22 58	0 15	11 9	0 54	19 26	0 54	3 21	2 45	23 20	0 14	21 48	1 4	13 10	6 35	23 20	23 14	14 5		n.a.
T 11	15 30	11 27	4 20	11 3	3 49	22 54	0 12	11 23	0 55	19 22	0 54	3 22	2 45	23 19	0 14	21 48	1 4	13 10	6 34	23 20	23 14	14 7		n.a.
W12	15 11	6 12	4 51	11 22	3 47	22 50	0 9	11 36	0 55	19 18	0 54	3 24	2 46	23 19	0 14	21 48	1 4	13 10	6 34	23 19	23 13	14 9		n.a.
T 13	14 52	0 33	5 4	11 43	3 44	22 45	0 5	11 50	0 56	19 15	0 54	3 25	2 46	23 19	0 14	21 48	1 4	13 10	6 34	23 18	23 13	14 11		n.a.
F 14	14 33	5s 9	4 57	12 6	3 38	22 40	0 2	12 3	0 56	19 11	0 54	3 27	2 46	23 19	0 14	21 48	1 4	13 11	6 34	23 17	23 13	14 13		n.a.
S 15	14 14	10 34	4 31	12 30	3 31	22 34	0s 1	12 16	0 57	19 7	0 55	3 28	2 46	23 19	0 14	21 48	1 4	13 11	6 34	23 17	23 13	14 15		n.a.
S 16	13 54	15 21	3 48	12 54	3 22	22 27	0 4	12 30	0 57	19 4	0 55	3 30	2 46	23 19	0 14	21 48	1 4	13 11	6 33	23 16	23 12	14 17		n.a.
M17	13 34	19 12	2 52	13 19	3 11	22 20	0 7	12 43	0 58	19 0	0 55	3 31	2 47	23 19	0 14	21 48	1 4	13 11	6 33	23 16	23 12	14 19		n.a.
T 18	13 14	21 51	1 45	13 44	3 0	22 11	0 10	12 56	0 58	18 56	0 55	3 33	2 47	23 19	0 14	21 48	1 4	13 11	6 33	23 16	23 12	14 21		n.a.
W19	12 54	23 9	0 34	14 8	2 47	22 3	0 13	13 9	0 59	18 52	0 55	3 34	2 47	23 19	0 14	21 49	1 4	13 12	6 33	23 16	23 11	14 23		n.a.
T 20	12 33	23 2	0n39	14 32	2 34	21 53	0 17	13 22	0 59	18 49	0 55	3 36	2 47	23 19	0 14	21 49	1 4	13 12	6 33	23 16	23 11	14 25		n.a.
F 21	12 12	21 35	1 48	14 54	2 20	21 43	0 19	13 35	0 59	18 45	0 55	3 38	2 47	23 19	0 14	21 49	1 5	13 12	6 32	23 16	23 11	14 27		n.a.
S 22	11 52	18 58	2 50	15 16	2 6	21 33	0 22	13 48	1 0	18 41	0 55	3 39	2 47	23 19	0 14	21 49	1 5	13 12	6 32	23 16	23 11	14 29		n.a.
S 23	11 30	15 26	3 42	15 35	1 51	21 21	0 25	14 1	1 0	18 37	0 55	3 41	2 48	23 19	0 14	21 49	1 5	13 13	6 32	23 15	23 10	14 31		n.a.
M24	11 9	11 13	4 22	15 53	1 36	21 9	0 28	14 13	1 1	18 34	0 56	3 43	2 48	23 19	0 14	21 49	1 5	13 13	6 32	23 14	23 10	14 33		n.a.
T 25	10 48	6 36	4 48	16 10	1 21	20 57	0 31	14 26	1 1	18 30	0 56	3 44	2 48	23 19	0 14	21 49	1 5	13 13	6 32	23 13	23 10	14 34		n.a.
W26	10 26	1 47	5 0	16 25	1 7	20 44	0 34	14 38	1 1	18 26	0 56	3 46	2 48	23 19	0 14	21 49	1 5	13 13	6 31	23 12	23 9	14 36		n.a.
T 27	10 5	3n 2	4 58	16 38	0 52	20 30	0 36	14 51	1 2	18 22	0 56	3 48	2 48	23 19	0 14	21 49	1 5	13 14	6 31	23 11	23 9	14 38		n.a.
F 28	9s43	7n40	4n42	16s49	0n38	20s16	0s39	15n 3	1n 2	18s18	0s56	3n49	2n48	23n19	0n14	21s49	1n 5	13n14	6s31	23s10	23s 9	14n40		n.a.

Julian Day Number = 1606035.5, Delta T = 03h56m11s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°26'00, Lahiri = - 8°18'59 Julian Calendar 1 Feb. 316 BCE == Greg. Calendar 27 Jan. 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

MARCH 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 16 43	6♓12'10	20♈19	12♒10	4♒38	7♉48	12♒12	26°R49	16♊54	15♐ 8	26♉20	17°R36	17♐33	28♈31	n.a.	S 1
S 2	10 20 40	7°11'14	2♉11	12°29	5°50	8°24	12°26	26♍45	16°54	15° 9	26°20	17♐28	17°30	28°38	n.a.	S 2
M 3	10 24 36	8°10'16	13°59	12°52	7° 3	9° 0	12°40	26°41	16°54	15° 9	26°20	17°24	17°27	28°44	n.a.	M 3
T 4	10 28 33	9° 9'15	25°50	13°20	8°16	9°36	12°54	26°36	16°54	15°10	26°21	17°21	17°23	28°51	n.a.	T 4
W 5	10 32 29	10° 8'11	7♊47	13°53	9°28	10°13	13° 7	26°32	16°55	15°11	26°21	17°D21	17°20	28°58	n.a.	W 5
T 6	10 36 26	11° 7'06	19°57	14°30	10°41	10°49	13°21	26°28	16°55	15°11	26°22	17°R21	17°17	29° 4	n.a.	T 6
F 7	10 40 22	12° 5'58	2♋24	15°10	11°54	11°25	13°35	26°23	16°55	15°12	26°22	17°20	17°14	29°11	n.a.	F 7
S 8	10 44 19	13° 4'47	15°14	15°55	13° 7	12° 2	13°48	26°19	16°56	15°12	26°23	17°18	17°11	29°18	n.a.	S 8
S 9	10 48 15	14° 3'35	28°30	16°42	14°19	12°38	14° 1	26°15	16°56	15°13	26°23	17°14	17° 8	29°24	n.a.	S 9
M10	10 52 12	15° 2'19	12♌14	17°33	15°32	13°14	14°15	26°10	16°57	15°13	26°24	17° 6	17° 4	29°31	n.a.	M10
T 11	10 56 9	16° 1'02	26°26	18°28	16°45	13°51	14°28	26° 6	16°58	15°13	26°24	16°57	17° 1	29°38	n.a.	T 11
W12	11 0 5	16°59'42	11♍ 1	19°25	17°58	14°27	14°42	26° 2	16°58	15°14	26°25	16°46	16°58	29°44	n.a.	W12
T 13	11 4 2	17°58'20	25°53	20°25	19°10	15° 4	14°55	25°57	16°59	15°14	26°26	16°34	16°55	29°51	n.a.	T 13
F 14	11 7 58	18°56'57	10♎52	21°28	20°23	15°40	15° 8	25°53	17° 0	15°14	26°26	16°24	16°52	29°58	n.a.	F 14
S 15	11 11 55	19°55'31	25°50	22°33	21°36	16°17	15°21	25°48	17° 0	15°15	26°27	16°15	16°49	0♉ 4	n.a.	S 15
S 16	11 15 51	20°54'03	10♏37	23°41	22°49	16°53	15°34	25°44	17° 1	15°15	26°28	16° 9	16°45	0°11	n.a.	S 16
M17	11 19 48	21°52'34	25° 8	24°52	24° 1	17°30	15°47	25°39	17° 2	15°15	26°28	16° 6	16°42	0°18	n.a.	M17
T 18	11 23 44	22°51'03	9♐19	26° 4	25°14	18° 6	16° 0	25°35	17° 3	15°15	26°29	16° 5	16°39	0°25	n.a.	T 18
W19	11 27 41	23°49'31	23°10	27°19	26°27	18°43	16°13	25°30	17° 4	15°15	26°30	16° 5	16°36	0°31	n.a.	W19
T 20	11 31 37	24°47'56	6♑41	28°37	27°40	19°19	16°26	25°25	17° 5	15°15	26°31	16° 5	16°33	0°38	n.a.	T 20
F 21	11 35 34	25°46'20	19°55	29°56	28°53	19°56	16°39	25°21	17° 6	15°15	26°31	16° 3	16°29	0°45	n.a.	F 21
S 22	11 39 31	26°44'43	2♒53	1♓17	0♓ 6	20°32	16°52	25°16	17° 8	15°R15	26°32	15°59	16°26	0°51	n.a.	S 22
S 23	11 43 27	27°43'03	15°38	2°41	1°19	21° 9	17° 4	25°12	17° 9	15°15	26°33	15°52	16°23	0°58	n.a.	S 23
M24	11 47 24	28°41'22	28°12	4° 6	2°31	21°45	17°17	25° 7	17°10	15°15	26°34	15°42	16°20	1° 5	n.a.	M24
T 25	11 51 20	29°39'39	10♓36	5°33	3°44	22°22	17°29	25° 3	17°11	15°15	26°35	15°30	16°17	1°11	n.a.	T 25
W26	11 55 17	0♈37'54	22°50	7° 3	4°57	22°59	17°42	24°58	17°13	15°15	26°35	15°17	16°14	1°18	n.a.	W26
T 27	11 59 13	1°36'07	4♈56	8°34	6°10	23°35	17°54	24°54	17°14	15°15	26°36	15° 3	16°10	1°25	n.a.	T 27
F 28	12 3 10	2°34'19	16°55	10° 7	7°23	24°12	18° 6	24°49	17°16	15°15	26°37	14°51	16° 7	1°31	n.a.	F 28
S 29	12 7 6	3°32'28	28°48	11°42	8°36	24°48	18°19	24°45	17°17	15°15	26°38	14°41	16° 4	1°38	n.a.	S 29
S 30	12 11 3	4°30'36	10♉37	13°18	9°49	25°25	18°31	24°40	17°19	15°14	26°39	14°34	16° 1	1°45	n.a.	S 30
M31	12 14 59	5♈28'42	22♉25	14♓57	11♓ 2	26♉ 2	18♒43	24♍36	17♊20	15♐14	26♉40	14♐29	15♐58	1♉51	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s21	11n56	4n14	16s59	0n24	20s 1	0s42	15n16	1n 2	18s15	0s56	3n51	2n49	23n19	0n14	21s49	1n 5	13n14	6s31	23s 9	23s 9	14n42		n.a.
S 2	8 59	15 44	3 35	17 6	0 10	19 45	0 44	15 28	1 3	18 11	0 56	3 53	2 49	23 19	0 14	21 49	1 5	13 14	6 31	23 8	23 8	14 44		n.a.
M 3	8 36	18 53	2 47	17 12	0s 3	19 29	0 47	15 40	1 3	18 7	0 56	3 55	2 49	23 19	0 14	21 49	1 5	13 15	6 30	23 8	23 8	14 46		n.a.
T 4	8 14	21 15	1 51	17 16	0 15	19 13	0 49	15 52	1 3	18 3	0 57	3 57	2 49	23 19	0 14	21 49	1 5	13 15	6 30	23 7	23 8	14 48		n.a.
W 5	7 52	22 42	0 50	17 18	0 27	18 56	0 52	16 4	1 4	17 59	0 57	3 58	2 49	23 19	0 14	21 49	1 5	13 15	6 30	23 7	23 7	14 50		n.a.
T 6	7 29	23 7	0s14	17 18	0 39	18 38	0 54	16 16	1 4	17 56	0 57	4 0	2 49	23 19	0 14	21 49	1 5	13 16	6 30	23 7	23 7	14 52		n.a.
F 7	7 6	22 24	1 19	17 17	0 50	18 20	0 56	16 28	1 4	17 52	0 57	4 2	2 49	23 19	0 14	21 50	1 5	13 16	6 30	23 7	23 7	14 53		n.a.
S 8	6 44	20 30	2 22	17 13	1 0	18 1	0 58	16 39	1 5	17 48	0 57	4 4	2 49	23 19	0 14	21 50	1 5	13 16	6 29	23 7	23 6	14 55		n.a.
S 9	6 21	17 28	3 19	17 8	1 10	17 42	1 1	16 51	1 5	17 44	0 57	4 6	2 49	23 19	0 14	21 50	1 5	13 16	6 29	23 7	23 6	14 57		n.a.
M10	5 58	13 23	4 7	17 1	1 20	17 22	1 3	17 2	1 5	17 40	0 57	4 8	2 49	23 19	0 14	21 50	1 5	13 17	6 29	23 6	23 6	14 59		n.a.
T 11	5 35	8 27	4 42	16 53	1 29	17 2	1 5	17 14	1 6	17 36	0 58	4 9	2 50	23 19	0 14	21 50	1 5	13 17	6 29	23 5	23 5	15 1		n.a.
W12	5 12	2 55	4 59	16 43	1 37	16 42	1 7	17 25	1 6	17 33	0 58	4 11	2 50	23 19	0 14	21 50	1 5	13 17	6 29	23 4	23 5	15 3		n.a.
T 13	4 49	2s52	4 56	16 31	1 45	16 21	1 9	17 36	1 6	17 29	0 58	4 13	2 50	23 19	0 14	21 50	1 5	13 18	6 28	23 3	23 5	15 5		n.a.
F 14	4 25	8 32	4 34	16 17	1 52	15 59	1 10	17 47	1 6	17 25	0 58	4 15	2 50	23 19	0 14	21 50	1 5	13 18	6 28	23 2	23 5	15 6		n.a.
S 15	4 2	13 42	3 52	16 2	1 58	15 37	1 12	17 58	1 7	17 21	0 58	4 17	2 50	23 19	0 14	21 50	1 5	13 18	6 28	23 1	23 4	15 8		n.a.
S 16	3 39	17 58	2 56	15 44	2 4	15 15	1 14	18 9	1 7	17 18	0 58	4 19	2 50	23 19	0 14	21 50	1 5	13 19	6 28	23 0	23 4	15 10		n.a.
M17	3 16	21 2	1 48	15 26	2 10	14 52	1 16	18 20	1 7	17 14	0 59	4 20	2 50	23 19	0 14	21 50	1 5	13 19	6 28	23 0	23 4	15 12		n.a.
T 18	2 52	22 42	0 36	15 5	2 15	14 29	1 17	18 31	1 7	17 10	0 59	4 22	2 50	23 20	0 14	21 50	1 5	13 19	6 28	23 0	23 3	15 14		n.a.
W19	2 29	22 56	0n37	14 43	2 19	14 5	1 19	18 41	1 8	17 6	0 59	4 24	2 50	23 20	0 14	21 50	1 5	13 20	6 27	23 0	23 3	15 16		n.a.
T 20	2 5	21 47	1 47	14 20	2 23	13 41	1 20	18 52	1 8	17 2	0 59	4 26	2 50	23 20	0 14	21 50	1 5	13 20	6 27	23 0	23 3	15 17		n.a.
F 21	1 42	19 27	2 49	13 54	2 26	13 17	1 21	19 2	1 8	16 59	0 59	4 28	2 50	23 20	0 14	21 50	1 5	13 20	6 27	23 0	23 2	15 19		n.a.
S 22	1 19	16 10	3 41	13 28	2 29	12 52	1 23	19 12	1 8	16 55	0 59	4 30	2 50	23 20	0 14	21 50	1 5	13 21	6 27	22 59	23 2	15 21		n.a.
S 23	0 55	12 12	4 21	12 59	2 31	12 27	1 24	19 22	1 9	16 51	1 0	4 32	2 50	23 20	0 14	21 50	1 5	13 21	6 27	22 58	23 2	15 23		n.a.
M24	0 32	7 45	4 47	12 29	2 32	12 1	1 25	19 32	1 9	16 48	1 0	4 33	2 50	23 20	0 14	21 49	1 5	13 22	6 26	22 57	23 1	15 25		n.a.
T 25	0 8	3 4	5 0	11 58	2 33	11 36	1 26	19 42	1 9	16 44	1 0	4 35	2 50	23 20	0 14	21 49	1 5	13 22	6 26	22 56	23 1	15 27		n.a.
W26	0n15	1n41	4 58	11 24	2 34	11 10	1 27	19 52	1 9	16 40	1 0	4 37	2 50	23 20	0 14	21 49	1 5	13 22	6 26	22 55	23 1	15 28		n.a.
T 27	0 39	6 18	4 43	10 50	2 34	10 43	1 28	20 1	1 10	16 36	1 0	4 39	2 50	23 21	0 14	21 49	1 5	13 23	6 26	22 53	23 0	15 30		n.a.
F 28	1 2	10 39	4 16	10 14	2 33	10 17	1 29	20 11	1 10	16 33	1 0	4 41	2 50	23 21	0 14	21 49	1 5	13 23	6 26	22 52	23 0	15 32		n.a.
S 29	1 25	14 33	3 37	9 36	2 32	9 50	1 30	20 20	1 10	16 29	1 1	4 42	2 50	23 21	0 14	21 49	1 5	13 23	6 26	22 51	23 0	15 34		n.a.
S 30	1 49	17 52	2 50	8 57	2 30	9 23	1 31	20 29	1 10	16 26	1 1	4 44	2 50	23 21	0 14	21 49	1 5	13 24	6 25	22 50	22 59	15 35		n.a.
M31	2n12	20n26	1n54	8s16	2s28	8s55	1s31	20n38	1n10	16s22	1s 1	4n46	2n50	23n21	0n14	21s49	1n 5	13n24	6s25	22s49	22s59	15n37		n.a.

Julian Day Number = 1606063.5, Delta T = 03h56m10s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'56, Lahiri = - 8°18'56 Julian Calendar 1 March 316 BCE == Greg. Calendar 24 Feb. 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

APRIL 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 18 56	6♈26'45	4♊15	16♓37	12♓15	26♉39	18♒55	24°R31	17♊22	15°R14	26♉41	14°R27	15♐54	1♉58	n.a.	T 1
W 2	12 22 53	7°24'47	16°12	18°19	13°28	27°15	19° 7	24♍27	17°24	15♐14	26°42	14°D26	15°51	2° 5	n.a.	W 2
T 3	12 26 49	8°22'47	28°20	20° 3	14°41	27°52	19°18	24°23	17°25	15°13	26°43	14♐27	15°48	2°12	n.a.	T 3
F 4	12 30 46	9°20'45	10♋45	21°49	15°54	28°29	19°30	24°18	17°27	15°13	26°44	14°R27	15°45	2°18	n.a.	F 4
S 5	12 34 42	10°18'41	23°31	23°37	17° 7	29° 5	19°42	24°14	17°29	15°12	26°45	14°26	15°42	2°25	n.a.	S 5
S 6	12 38 39	11°16'35	6♌44	25°27	18°19	29°42	19°53	24°10	17°31	15°12	26°46	14°23	15°39	2°32	n.a.	S 6
M 7	12 42 35	12°14'27	20°25	27°18	19°32	0♊19	20° 5	24° 6	17°33	15°11	26°47	14°18	15°35	2°38	n.a.	M 7
T 8	12 46 32	13°12'17	4♍37	29°12	20°45	0°56	20°16	24° 1	17°35	15°11	26°48	14°11	15°32	2°45	n.a.	T 8
W 9	12 50 28	14°10'05	19°15	1♈ 7	21°58	1°32	20°27	23°57	17°37	15°10	26°49	14° 3	15°29	2°52	n.a.	W 9
T 10	12 54 25	15° 7'51	4♎15	3° 4	23°11	2° 9	20°39	23°53	17°39	15°10	26°51	13°54	15°26	2°58	n.a.	T 10
F 11	12 58 22	16° 5'36	19°26	5° 3	24°24	2°46	20°50	23°49	17°41	15° 9	26°52	13°46	15°23	3° 5	n.a.	F 11
S 12	13 2 18	17° 3'20	4♏40	7° 3	25°37	3°23	21° 1	23°45	17°43	15° 9	26°53	13°39	15°20	3°12	n.a.	S 12
S 13	13 6 15	18° 1'02	19°45	9° 5	26°50	4° 0	21°12	23°41	17°45	15° 8	26°54	13°35	15°16	3°18	n.a.	S 13
M14	13 10 11	18°58'42	4♐33	11° 9	28° 3	4°36	21°22	23°37	17°48	15° 7	26°55	13°33	15°13	3°25	n.a.	M14
T 15	13 14 8	19°56'22	18°59	13°15	29°16	5°13	21°33	23°34	17°50	15° 6	26°56	13°D32	15°10	3°32	n.a.	T 15
W16	13 18 4	20°54'01	3♑ 0	15°21	0♈29	5°50	21°44	23°30	17°52	15° 6	26°57	13°33	15° 7	3°38	n.a.	W16
T 17	13 22 1	21°51'38	16°36	17°30	1°42	6°27	21°54	23°26	17°55	15° 5	26°59	13°R34	15° 4	3°45	n.a.	T 17
F 18	13 25 57	22°49'14	29°50	19°39	2°55	7° 4	22° 5	23°22	17°57	15° 4	27° 0	13°34	15° 0	3°52	n.a.	F 18
S 19	13 29 54	23°46'49	12♒43	21°49	4° 8	7°41	22°15	23°19	17°59	15° 3	27° 1	13°32	14°57	3°58	n.a.	S 19
S 20	13 33 51	24°44'23	25°19	24° 0	5°22	8°18	22°25	23°15	18° 2	15° 2	27° 2	13°28	14°54	4° 5	n.a.	S 20
M21	13 37 47	25°41'56	7♓42	26°11	6°35	8°54	22°35	23°12	18° 4	15° 2	27° 4	13°23	14°51	4°12	n.a.	M21
T 22	13 41 44	26°39'28	19°54	28°22	7°48	9°31	22°45	23° 8	18° 7	15° 1	27° 5	13°15	14°48	4°18	n.a.	T 22
W23	13 45 40	27°36'59	1♈57	0♉34	9° 1	10° 8	22°55	23° 5	18°10	15° 0	27° 6	13° 7	14°45	4°25	n.a.	W23
T 24	13 49 37	28°34'28	13°54	2°45	10°14	10°45	23° 5	23° 2	18°12	14°59	27° 7	12°58	14°41	4°32	n.a.	T 24
F 25	13 53 33	29°31'57	25°46	4°55	11°27	11°22	23°14	22°58	18°15	14°58	27° 9	12°51	14°38	4°38	n.a.	F 25
S 26	13 57 30	0♉29'24	7♉36	7° 4	12°40	11°59	23°24	22°55	18°17	14°57	27°10	12°44	14°35	4°45	n.a.	S 26
S 27	14 1 26	1°26'51	19°24	9°13	13°53	12°36	23°33	22°52	18°20	14°56	27°11	12°40	14°32	4°52	n.a.	S 27
M28	14 5 23	2°24'16	1♊14	11°20	15° 6	13°13	23°42	22°49	18°23	14°55	27°13	12°37	14°29	4°58	n.a.	M28
T 29	14 9 20	3°21'40	13° 7	13°25	16°19	13°50	23°51	22°46	18°26	14°54	27°14	12°D36	14°25	5° 5	n.a.	T 29
W30	14 13 16	4♉19'03	25♊ 8	15♉28	17♈33	14♊27	24♒ 0	22♍43	18♊29	14♐52	27♉15	12♐37	14♐22	5♉12	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n35	22n 8	0n54	7s34	2s25	8s28	1s32	20n47	1n10	16s18	1s 1	4n48	2n50	23n21	0n14	21s49	1n 6	13n24	6s25	22s49	22s59	15n39		n.a.
W 2	2 59	22 51	0s 9	6 50	2 21	8 0	1 32	20 56	1 11	16 15	1 1	4 49	2 50	23 22	0 14	21 49	1 6	13 25	6 25	22 49	22 58	15 41		n.a.
T 3	3 22	22 30	1 13	6 5	2 17	7 32	1 33	21 5	1 11	16 11	1 2	4 51	2 50	23 22	0 14	21 49	1 6	13 25	6 25	22 49	22 58	15 43		n.a.
F 4	3 45	21 2	2 16	5 19	2 13	7 4	1 33	21 13	1 11	16 8	1 2	4 53	2 50	23 22	0 14	21 49	1 6	13 26	6 25	22 49	22 58	15 44		n.a.
S 5	4 8	18 29	3 13	4 31	2 8	6 35	1 34	21 21	1 11	16 4	1 2	4 54	2 50	23 22	0 14	21 49	1 6	13 26	6 25	22 49	22 57	15 46		n.a.
S 6	4 31	14 55	4 2	3 42	2 2	6 6	1 34	21 30	1 11	16 1	1 2	4 56	2 49	23 22	0 14	21 49	1 6	13 26	6 24	22 48	22 57	15 48		n.a.
M 7	4 54	10 27	4 39	2 51	1 56	5 38	1 34	21 38	1 11	15 57	1 2	4 58	2 49	23 22	0 14	21 49	1 6	13 27	6 24	22 48	22 57	15 50		n.a.
T 8	5 16	5 17	5 0	2 0	1 50	5 9	1 34	21 46	1 12	15 54	1 3	4 59	2 49	23 23	0 14	21 49	1 6	13 27	6 24	22 47	22 56	15 51		n.a.
W 9	5 39	0s20	5 3	1 7	1 42	4 40	1 34	21 54	1 12	15 50	1 3	5 1	2 49	23 23	0 14	21 49	1 6	13 28	6 24	22 46	22 56	15 53		n.a.
T 10	6 2	6 4	4 46	0 13	1 35	4 10	1 34	22 1	1 12	15 47	1 3	5 2	2 49	23 23	0 14	21 48	1 6	13 28	6 24	22 45	22 56	15 55		n.a.
F 11	6 24	11 31	4 8	0n42	1 27	3 41	1 34	22 9	1 12	15 43	1 3	5 4	2 49	23 23	0 14	21 48	1 6	13 28	6 24	22 44	22 55	15 57		n.a.
S 12	6 47	16 15	3 13	1 38	1 18	3 12	1 34	22 16	1 12	15 40	1 3	5 5	2 49	23 23	0 14	21 48	1 6	13 29	6 23	22 43	22 55	15 58		n.a.
S 13	7 9	19 53	2 4	2 35	1 9	2 42	1 34	22 23	1 12	15 37	1 4	5 7	2 49	23 24	0 14	21 48	1 6	13 29	6 23	22 43	22 54	16 0		n.a.
M14	7 31	22 6	0 48	3 33	1 0	2 12	1 33	22 30	1 12	15 33	1 4	5 8	2 49	23 24	0 14	21 48	1 6	13 30	6 23	22 42	22 54	16 2		n.a.
T 15	7 53	22 47	0n29	4 31	0 51	1 43	1 33	22 37	1 13	15 30	1 4	5 10	2 49	23 24	0 14	21 48	1 6	13 30	6 23	22 42	22 54	16 3		n.a.
W16	8 15	21 59	1 43	5 30	0 41	1 13	1 32	22 44	1 13	15 27	1 4	5 11	2 48	23 24	0 14	21 48	1 6	13 30	6 23	22 42	22 53	16 5		n.a.
T 17	8 37	19 54	2 48	6 29	0 30	0 43	1 32	22 51	1 13	15 24	1 5	5 12	2 48	23 24	0 14	21 48	1 6	13 31	6 23	22 42	22 53	16 7		n.a.
F 18	8 59	16 48	3 43	7 28	0 20	0 13	1 31	22 57	1 13	15 20	1 5	5 14	2 48	23 25	0 14	21 48	1 6	13 31	6 23	22 42	22 53	16 8		n.a.
S 19	9 20	12 58	4 25	8 27	0 10	0n17	1 31	23 4	1 13	15 17	1 5	5 15	2 48	23 25	0 14	21 48	1 6	13 32	6 23	22 42	22 52	16 10		n.a.
S 20	9 42	8 39	4 52	9 26	0n 1	0 47	1 30	23 10	1 13	15 14	1 5	5 16	2 48	23 25	0 14	21 47	1 6	13 32	6 22	22 42	22 52	16 12		n.a.
M21	10 3	4 3	5 6	10 24	0 12	1 17	1 29	23 16	1 13	15 11	1 5	5 18	2 48	23 25	0 14	21 47	1 6	13 32	6 22	22 41	22 52	16 14		n.a.
T 22	10 24	0n38	5 6	11 22	0 22	1 47	1 28	23 21	1 13	15 8	1 6	5 19	2 48	23 26	0 14	21 47	1 6	13 33	6 22	22 40	22 51	16 15		n.a.
W23	10 45	5 14	4 51	12 19	0 32	2 17	1 27	23 27	1 13	15 5	1 6	5 20	2 47	23 26	0 14	21 47	1 6	13 33	6 22	22 39	22 51	16 17		n.a.
T 24	11 6	9 36	4 25	13 14	0 43	2 47	1 26	23 33	1 13	15 2	1 6	5 21	2 47	23 26	0 14	21 47	1 6	13 34	6 22	22 38	22 51	16 19		n.a.
F 25	11 27	13 35	3 46	14 8	0 52	3 16	1 25	23 38	1 14	14 59	1 6	5 22	2 47	23 26	0 14	21 47	1 6	13 34	6 22	22 37	22 50	16 20		n.a.
S 26	11 47	17 1	2 58	15 1	1 2	3 46	1 24	23 43	1 14	14 56	1 7	5 24	2 47	23 26	0 14	21 47	1 6	13 34	6 22	22 36	22 50	16 22		n.a.
S 27	12 7	19 46	2 3	15 52	1 11	4 16	1 23	23 48	1 14	14 53	1 7	5 25	2 47	23 27	0 14	21 47	1 6	13 35	6 22	22 36	22 49	16 24		n.a.
M28	12 27	21 40	1 2	16 40	1 20	4 46	1 22	23 53	1 14	14 50	1 7	5 26	2 47	23 27	0 14	21 46	1 6	13 35	6 21	22 35	22 49	16 25		n.a.
T 29	12 47	22 36	0s 3	17 27	1 28	5 15	1 21	23 58	1 14	14 47	1 7	5 27	2 46	23 27	0 14	21 46	1 6	13 36	6 21	22 35	22 49	16 27		n.a.
W30	13n 7	22n31	1s 8	18n11	1n35	5n45	1s19	24n 2	1n14	14s45	1s 8	5n28	2n46	23n27	0n14	21s46	1n 6	13n36	6s21	22s35	22s48	16n28		n.a.

Julian Day Number = 1606094.5, Delta T = 03h56m09s
Ecliptic obliquity = 23°43'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'52, Lahiri = - 8°18'51 Julian Calendar 1 Apr. 316 BCE == Greg. Calendar 27 March 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

MAY 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 17 13	5♉16'24	7♋19	17♉30	18♈46	15♊ 4	24♒ 9	22°R41	18♊31	14°R51	27♉17	12♐39	14♐19	5♉19	n.a.	T 1
F 2	14 21 9	6°13'45	19°46	19°29	19°59	15°41	24°18	22♍38	18°34	14♐50	27°18	12°40	14°16	5°25	n.a.	F 2
S 3	14 25 6	7°11'04	2♌31	21°26	21°12	16°18	24°27	22°35	18°37	14°49	27°19	12°R41	14°13	5°32	n.a.	S 3
S 4	14 29 2	8° 8'22	15°40	23°21	22°25	16°55	24°35	22°33	18°40	14°48	27°21	12°41	14°10	5°39	n.a.	S 4
M 5	14 32 59	9° 5'39	29°15	25°14	23°38	17°32	24°43	22°31	18°43	14°47	27°22	12°39	14° 6	5°45	n.a.	M 5
T 6	14 36 55	10° 2'54	13♍18	27° 4	24°52	18° 9	24°52	22°28	18°46	14°45	27°24	12°37	14° 3	5°52	n.a.	T 6
W 7	14 40 52	11° 0'09	27°47	28°51	26° 5	18°46	25° 0	22°26	18°49	14°44	27°25	12°33	14° 0	5°59	n.a.	W 7
T 8	14 44 49	11°57'22	12♎40	0♊36	27°18	19°23	25° 8	22°24	18°52	14°43	27°26	12°28	13°57	6° 5	n.a.	T 8
F 9	14 48 45	12°54'35	27°48	2°18	28°31	20° 0	25°15	22°22	18°55	14°41	27°28	12°24	13°54	6°12	n.a.	F 9
S 10	14 52 42	13°51'47	13♏ 2	3°58	29°44	20°37	25°23	22°20	18°58	14°40	27°29	12°21	13°51	6°19	n.a.	S 10
S 11	14 56 38	14°48'58	28°13	5°35	0♉58	21°14	25°31	22°18	19° 2	14°39	27°31	12°19	13°47	6°25	n.a.	S 11
M12	15 0 35	15°46'09	13♐10	7° 9	2°11	21°52	25°38	22°16	19° 5	14°37	27°32	12°D19	13°44	6°32	n.a.	M12
T 13	15 4 31	16°43'19	27°47	8°41	3°24	22°29	25°45	22°14	19° 8	14°36	27°33	12°19	13°41	6°39	n.a.	T 13
W14	15 8 28	17°40'29	11♑59	10°10	4°37	23° 6	25°52	22°13	19°11	14°35	27°35	12°21	13°38	6°45	n.a.	W14
T 15	15 12 24	18°37'38	25°45	11°36	5°51	23°43	25°59	22°11	19°14	14°33	27°36	12°22	13°35	6°52	n.a.	T 15
F 16	15 16 21	19°34'47	9♒ 4	13° 0	7° 4	24°20	26° 6	22°10	19°18	14°32	27°38	12°23	13°31	6°59	n.a.	F 16
S 17	15 20 18	20°31'56	22° 0	14°21	8°17	24°57	26°13	22° 8	19°21	14°30	27°39	12°R24	13°28	7° 5	n.a.	S 17
S 18	15 24 14	21°29'05	4♓35	15°38	9°31	25°34	26°19	22° 7	19°24	14°29	27°41	12°23	13°25	7°12	n.a.	S 18
M19	15 28 11	22°26'14	16°54	16°54	10°44	26°12	26°25	22° 6	19°28	14°28	27°42	12°21	13°22	7°19	n.a.	M19
T 20	15 32 7	23°23'22	29° 0	18° 6	11°57	26°49	26°32	22° 5	19°31	14°26	27°43	12°19	13°19	7°25	n.a.	T 20
W21	15 36 4	24°20'30	10♈58	19°15	13°11	27°26	26°38	22° 4	19°34	14°25	27°45	12°17	13°16	7°32	n.a.	W21
T 22	15 40 0	25°17'38	22°49	20°21	14°24	28° 3	26°43	22° 3	19°38	14°23	27°46	12°14	13°12	7°39	n.a.	T 22
F 23	15 43 57	26°14'46	4♉38	21°24	15°37	28°41	26°49	22° 2	19°41	14°22	27°48	12°11	13° 9	7°45	n.a.	F 23
S 24	15 47 53	27°11'54	16°27	22°24	16°51	29°18	26°55	22° 1	19°44	14°20	27°49	12°10	13° 6	7°52	n.a.	S 24
S 25	15 51 50	28° 9'02	28°18	23°21	18° 4	29°55	27° 0	22° 1	19°48	14°19	27°51	12° 8	13° 3	7°59	n.a.	S 25
M26	15 55 47	29° 6'10	10♊13	24°14	19°18	0♋32	27° 5	22° 0	19°51	14°17	27°52	12°D 8	13° 0	8° 5	n.a.	M26
T 27	15 59 43	0♊ 3'17	22°15	25° 4	20°31	1°10	27°10	22° 0	19°55	14°15	27°54	12° 8	12°57	8°12	n.a.	T 27
W28	16 3 40	1° 0'24	4♋25	25°50	21°45	1°47	27°15	21°59	19°58	14°14	27°55	12° 9	12°53	8°19	n.a.	W28
T 29	16 7 36	1°57'31	16°46	26°32	22°58	2°24	27°20	21°59	20° 2	14°12	27°56	12°10	12°50	8°25	n.a.	T 29
F 30	16 11 33	2°54'38	29°21	27°10	24°12	3° 2	27°24	21°59	20° 5	14°11	27°58	12°11	12°47	8°32	n.a.	F 30
S 31	16 15 29	3♊51'44	12♌13	27♊45	25♉25	3♋39	27♒28	21°D59	20♊ 9	14♐ 9	27♉59	12♐11	12♐44	8♉39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	13n26	21n21	2s11	18n53	1n42	6n14	1s18	24n 7	1n14	14s42	1s 8	5n29	2n46	23n28	0n14	21s46	1n 6	13n36	6s21	22s35	22s48	16n30		n.a.	T 1
F 2	13 46	19 9	3 9	19 33	1 48	6 43	1 17	24 11	1 14	14 39	1 8	5 29	2 46	23 28	0 14	21 46	1 6	13 37	6 21	22 36	22 48	16 32		n.a.	F 2
S 3	14 5	15 57	3 59	20 10	1 54	7 13	1 15	24 15	1 14	14 37	1 9	5 30	2 46	23 28	0 14	21 46	1 6	13 37	6 21	22 36	22 47	16 33		n.a.	S 3
S 4	14 24	11 54	4 39	20 45	1 59	7 42	1 14	24 19	1 14	14 34	1 9	5 31	2 45	23 28	0 14	21 46	1 6	13 38	6 21	22 36	22 47	16 35		n.a.	S 4
M 5	14 42	7 8	5 4	21 17	2 3	8 10	1 12	24 22	1 14	14 31	1 9	5 32	2 45	23 29	0 14	21 45	1 6	13 38	6 21	22 36	22 46	16 37		n.a.	M 5
T 6	15 1	1 50	5 13	21 47	2 6	8 39	1 11	24 26	1 14	14 29	1 9	5 33	2 45	23 29	0 14	21 45	1 6	13 38	6 21	22 35	22 46	16 38		n.a.	T 6
W 7	15 19	3s43	5 2	22 14	2 9	9 7	1 9	24 29	1 14	14 26	1 10	5 33	2 45	23 29	0 14	21 45	1 6	13 39	6 21	22 35	22 46	16 40		n.a.	W 7
T 8	15 37	9 12	4 31	22 39	2 11	9 36	1 7	24 32	1 14	14 24	1 10	5 34	2 45	23 29	0 14	21 45	1 6	13 39	6 20	22 34	22 45	16 41		n.a.	T 8
F 9	15 54	14 14	3 40	23 2	2 12	10 4	1 5	24 35	1 14	14 22	1 10	5 35	2 44	23 30	0 14	21 45	1 6	13 40	6 20	22 34	22 45	16 43		n.a.	F 9
S 10	16 12	18 23	2 34	23 22	2 12	10 32	1 4	24 38	1 14	14 19	1 10	5 35	2 44	23 30	0 14	21 45	1 6	13 40	6 20	22 33	22 44	16 45		n.a.	S 10
S 11	16 29	21 15	1 17	23 40	2 12	10 59	1 2	24 41	1 14	14 17	1 11	5 36	2 44	23 30	0 14	21 44	1 6	13 40	6 20	22 33	22 44	16 46		n.a.	S 11
M12	16 46	22 35	0n 5	23 56	2 11	11 26	1 0	24 43	1 14	14 15	1 11	5 36	2 44	23 31	0 14	21 44	1 6	13 41	6 20	22 33	22 44	16 48		n.a.	M12
T 13	17 2	22 19	1 24	24 9	2 9	11 54	0 58	24 45	1 15	14 12	1 11	5 37	2 44	23 31	0 14	21 44	1 6	13 41	6 20	22 33	22 43	16 49		n.a.	T 13
W14	17 19	20 36	2 36	24 20	2 7	12 20	0 56	24 47	1 15	14 10	1 12	5 37	2 43	23 31	0 14	21 44	1 6	13 41	6 20	22 33	22 43	16 51		n.a.	W14
T 15	17 35	17 42	3 37	24 30	2 4	12 47	0 54	24 49	1 15	14 8	1 12	5 38	2 43	23 31	0 14	21 44	1 6	13 42	6 20	22 33	22 43	16 53		n.a.	T 15
F 16	17 51	13 58	4 24	24 37	2 0	13 13	0 52	24 51	1 15	14 6	1 12	5 38	2 43	23 32	0 14	21 44	1 6	13 42	6 20	22 33	22 42	16 54		n.a.	F 16
S 17	18 6	9 41	4 56	24 43	1 56	13 39	0 50	24 53	1 15	14 4	1 12	5 38	2 43	23 32	0 14	21 43	1 6	13 43	6 20	22 33	22 42	16 56		n.a.	S 17
S 18	18 21	5 6	5 12	24 47	1 50	14 5	0 48	24 54	1 15	14 2	1 13	5 39	2 42	23 32	0 14	21 43	1 6	13 43	6 20	22 33	22 41	16 57		n.a.	S 18
M19	18 36	0 25	5 14	24 49	1 44	14 30	0 46	24 55	1 15	14 0	1 13	5 39	2 42	23 32	0 14	21 43	1 6	13 43	6 20	22 33	22 41	16 59		n.a.	M19
T 20	18 51	4n12	5 2	24 49	1 38	14 55	0 44	24 56	1 15	13 58	1 13	5 39	2 42	23 33	0 14	21 43	1 6	13 44	6 20	22 33	22 41	17 0		n.a.	T 20
W21	19 5	8 37	4 37	24 48	1 30	15 20	0 41	24 57	1 15	13 57	1 14	5 39	2 42	23 33	0 14	21 43	1 6	13 44	6 20	22 33	22 40	17 2		n.a.	W21
T 22	19 19	12 41	4 0	24 45	1 23	15 44	0 39	24 58	1 15	13 55	1 14	5 40	2 41	23 33	0 14	21 43	1 6	13 44	6 19	22 32	22 40	17 4		n.a.	T 22
F 23	19 33	16 15	3 13	24 41	1 14	16 8	0 37	24 58	1 15	13 53	1 14	5 40	2 41	23 34	0 14	21 42	1 6	13 45	6 19	22 32	22 39	17 5		n.a.	F 23
S 24	19 46	19 9	2 17	24 35	1 5	16 31	0 35	24 58	1 15	13 52	1 15	5 40	2 41	23 34	0 14	21 42	1 6	13 45	6 19	22 32	22 39	17 7		n.a.	S 24
S 25	19 59	21 15	1 16	24 29	0 55	16 54	0 33	24 59	1 15	13 50	1 15	5 40	2 41	23 34	0 14	21 42	1 6	13 46	6 19	22 31	22 39	17 8		n.a.	S 25
M26	20 12	22 26	0 11	24 21	0 44	17 17	0 30	24 58	1 15	13 48	1 15	5 40	2 40	23 34	0 14	21 42	1 6	13 46	6 19	22 31	22 38	17 10		n.a.	M26
T 27	20 25	22 34	0s56	24 12	0 33	17 39	0 28	24 58	1 15	13 47	1 15	5 40	2 40	23 35	0 14	21 42	1 6	13 46	6 19	22 31	22 38	17 11		n.a.	T 27
W28	20 37	21 39	2 0	24 2	0 22	18 1	0 26	24 58	1 14	13 46	1 16	5 40	2 40	23 35	0 14	21 41	1 6	13 47	6 19	22 32	22 37	17 13		n.a.	W28
T 29	20 48	19 41	3 1	23 51	0 10	18 22	0 23	24 57	1 14	13 44	1 16	5 39	2 40	23 35	0 14	21 41	1 6	13 47	6 19	22 32	22 37	17 14		n.a.	T 29
F 30	21 0	16 44	3 53	23 39	0s 3	18 43	0 21	24 56	1 14	13 43	1 16	5 39	2 39	23 35	0 14	21 41	1 6	13 47	6 19	22 32	22 37	17 16		n.a.	F 30
S 31	21n11	12n56	4s35	23n27	0s16	19n 3	0s19	24n55	1n14	13s42	1s17	5n39	2n39	23n36	0n14	21s41	1n 6	13n48	6s19	22s32	22s36	17n17		n.a.	S 31

Julian Day Number = 1606124.5, Delta T = 03h56m08s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'48, Lahiri = - 8°18'47 Julian Calendar 1 May 316 BCE == Greg. Calendar 26 Apr. 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

JUNE 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 19 26	4♊48'50	25♌23	28♊15	26♉39	4♋16	27♒33	21♍59	20♊12	14°R 8	28♉ 1	12♐12	12♐41	8♉45	n.a.	S 1
M 2	16 23 23	5°45'56	8♍55	28°42	27°52	4°54	27°37	21°59	20°16	14♐ 6	28° 2	12°R12	12°37	8°52	n.a.	M 2
T 3	16 27 19	6°43'02	22°49	29° 3	29° 6	5°31	27°40	22° 0	20°20	14° 4	28° 4	12°12	12°34	8°59	n.a.	T 3
W 4	16 31 16	7°40'07	7♎ 5	29°21	0♊19	6° 9	27°44	22° 0	20°23	14° 3	28° 5	12°11	12°31	9° 5	n.a.	W 4
T 5	16 35 12	8°37'12	21°40	29°34	1°33	6°46	27°47	22° 1	20°27	14° 1	28° 6	12°11	12°28	9°12	n.a.	T 5
F 6	16 39 9	9°34'18	6♏32	29°42	2°46	7°23	27°51	22° 1	20°30	14° 0	28° 8	12°11	12°25	9°19	n.a.	F 6
S 7	16 43 5	10°31'23	21°32	29°R45	4° 0	8° 1	27°54	22° 2	20°34	13°58	28° 9	12°10	12°22	9°25	n.a.	S 7
S 8	16 47 2	11°28'29	6♐32	29°44	5°14	8°38	27°56	22° 3	20°37	13°56	28°11	12°D10	12°18	9°32	n.a.	S 8
M 9	16 50 58	12°25'35	21°25	29°38	6°27	9°16	27°59	22° 3	20°41	13°55	28°12	12°R10	12°15	9°39	n.a.	M 9
T 10	16 54 55	13°22'41	6♑ 3	29°28	7°41	9°53	28° 2	22° 4	20°45	13°53	28°14	12°10	12°12	9°45	n.a.	T 10
W11	16 58 52	14°19'48	20°19	29°12	8°55	10°31	28° 4	22° 5	20°48	13°51	28°15	12°10	12° 9	9°52	n.a.	W11
T 12	17 2 48	15°16'55	4♒11	28°53	10° 8	11° 8	28° 6	22° 7	20°52	13°50	28°16	12°10	12° 6	9°59	n.a.	T 12
F 13	17 6 45	16°14'03	17°37	28°29	11°22	11°46	28° 8	22° 8	20°56	13°48	28°18	12°10	12° 3	10° 5	n.a.	F 13
S 14	17 10 41	17°11'11	0♓38	28° 1	12°36	12°23	28°10	22° 9	20°59	13°47	28°19	12° 9	11°59	10°12	n.a.	S 14
S 15	17 14 38	18° 8'20	13°16	27°30	13°50	13° 1	28°11	22°11	21° 3	13°45	28°20	12°D 9	11°56	10°19	n.a.	S 15
M16	17 18 34	19° 5'30	25°36	26°55	15° 3	13°39	28°13	22°12	21° 7	13°43	28°22	12° 9	11°53	10°25	n.a.	M16
T 17	17 22 31	20° 2'41	7♈41	26°18	16°17	14°16	28°14	22°14	21°10	13°42	28°23	12° 9	11°50	10°32	n.a.	T 17
W18	17 26 27	20°59'53	19°36	25°39	17°31	14°54	28°15	22°15	21°14	13°40	28°25	12°10	11°47	10°39	n.a.	W18
T 19	17 30 24	21°57'05	1♉26	24°58	18°45	15°32	28°16	22°17	21°17	13°39	28°26	12°11	11°43	10°45	n.a.	T 19
F 20	17 34 21	22°54'19	13°15	24°17	19°59	16° 9	28°16	22°19	21°21	13°37	28°27	12°12	11°40	10°52	n.a.	F 20
S 21	17 38 17	23°51'33	25° 6	23°35	21°12	16°47	28°17	22°21	21°25	13°35	28°29	12°13	11°37	10°59	n.a.	S 21
S 22	17 42 14	24°48'48	7♊ 2	22°54	22°26	17°25	28°R17	22°23	21°28	13°34	28°30	12°R13	11°34	11° 5	n.a.	S 22
M23	17 46 10	25°46'04	19° 6	22°15	23°40	18° 2	28°17	22°26	21°32	13°32	28°31	12°13	11°31	11°12	n.a.	M23
T 24	17 50 7	26°43'21	1♋20	21°38	24°54	18°40	28°17	22°28	21°36	13°31	28°33	12°13	11°28	11°19	n.a.	T 24
W25	17 54 3	27°40'39	13°45	21° 4	26° 8	19°18	28°16	22°30	21°39	13°29	28°34	12°11	11°24	11°25	n.a.	W25
T 26	17 58 0	28°37'57	26°24	20°33	27°22	19°56	28°16	22°33	21°43	13°28	28°35	12° 9	11°21	11°32	n.a.	T 26
F 27	18 1 57	29°35'16	9♌15	20° 6	28°36	20°33	28°15	22°35	21°47	13°26	28°36	12° 7	11°18	11°39	n.a.	F 27
S 28	18 5 53	0♋32'36	22°21	19°44	29°50	21°11	28°14	22°38	21°50	13°24	28°38	12° 4	11°15	11°45	n.a.	S 28
S 29	18 9 50	1°29'57	5♍42	19°27	1♋ 4	21°49	28°13	22°41	21°54	13°23	28°39	12° 2	11°12	11°52	n.a.	S 29
M30	18 13 46	2♋27'18	19♍18	19♊15	2♋18	22♋27	28♒11	22♍43	21♊57	13♐21	28♉40	12♐ 1	11♐ 9	11♉59	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n22	8n27	5s 4	23n13	0s30	19n23	0s16	24n54	1n14	13s41	1s17	5n39	2n39	23n36	0n14	21s41	1n 6	13n48	6s19	22s32	22s36	17n19		n.a.
M 2	21 32	3 26	5 17	23 0	0 44	19 42	0 14	24 53	1 14	13 40	1 17	5 38	2 39	23 36	0 14	21 41	1 6	13 48	6 19	22 32	22 35	17 20		n.a.
T 3	21 42	1s53	5 12	22 45	0 58	20 1	0 11	24 51	1 14	13 39	1 18	5 38	2 38	23 36	0 14	21 40	1 6	13 49	6 19	22 32	22 35	17 22		n.a.
W 4	21 51	7 15	4 48	22 31	1 13	20 19	0 9	24 49	1 14	13 38	1 18	5 38	2 38	23 37	0 14	21 40	1 6	13 49	6 19	22 32	22 34	17 23		n.a.
T 5	22 1	12 20	4 5	22 16	1 28	20 37	0 7	24 48	1 14	13 37	1 18	5 37	2 38	23 37	0 14	21 40	1 6	13 49	6 19	22 32	22 34	17 25		n.a.
F 6	22 9	16 46	3 5	22 1	1 43	20 54	0 4	24 45	1 14	13 36	1 19	5 37	2 38	23 37	0 14	21 40	1 6	13 50	6 19	22 32	22 34	17 26		n.a.
S 7	22 18	20 10	1 52	21 45	1 59	21 11	0 2	24 43	1 14	13 35	1 19	5 36	2 37	23 38	0 14	21 40	1 6	13 50	6 19	22 32	22 33	17 28		n.a.
S 8	22 26	22 11	0 31	21 30	2 14	21 27	0n 0	24 41	1 14	13 34	1 19	5 36	2 37	23 38	0 14	21 39	1 6	13 50	6 19	22 32	22 33	17 29		n.a.
M 9	22 34	22 36	0n51	21 15	2 29	21 42	0 3	24 38	1 14	13 34	1 20	5 35	2 37	23 38	0 14	21 39	1 6	13 51	6 19	22 32	22 32	17 31		n.a.
T 10	22 41	21 27	2 9	21 0	2 44	21 57	0 5	24 35	1 14	13 33	1 20	5 35	2 37	23 38	0 14	21 39	1 6	13 51	6 19	22 32	22 32	17 32		n.a.
W11	22 48	18 56	3 17	20 45	2 59	22 11	0 8	24 32	1 14	13 33	1 20	5 34	2 36	23 39	0 14	21 39	1 6	13 51	6 19	22 32	22 32	17 33		n.a.
T 12	22 55	15 23	4 11	20 30	3 13	22 24	0 10	24 29	1 14	13 32	1 21	5 33	2 36	23 39	0 14	21 39	1 6	13 52	6 19	22 32	22 31	17 35		n.a.
F 13	23 1	11 9	4 49	20 16	3 27	22 37	0 12	24 26	1 14	13 32	1 21	5 32	2 36	23 39	0 14	21 39	1 6	13 52	6 19	22 32	22 31	17 36		n.a.
S 14	23 6	6 32	5 11	20 3	3 40	22 50	0 15	24 22	1 14	13 32	1 21	5 32	2 36	23 39	0 14	21 38	1 6	13 52	6 19	22 32	22 30	17 38		n.a.
S 15	23 12	1 46	5 17	19 50	3 52	23 1	0 17	24 18	1 14	13 31	1 22	5 31	2 35	23 40	0 14	21 38	1 6	13 53	6 19	22 32	22 30	17 39		n.a.
M16	23 17	2n57	5 9	19 39	4 3	23 12	0 19	24 15	1 14	13 31	1 22	5 30	2 35	23 40	0 14	21 38	1 6	13 53	6 19	22 32	22 29	17 41		n.a.
T 17	23 21	7 28	4 47	19 28	4 13	23 22	0 22	24 10	1 13	13 31	1 22	5 29	2 35	23 40	0 14	21 38	1 6	13 53	6 19	22 32	22 29	17 42		n.a.
W18	23 25	11 39	4 12	19 18	4 22	23 32	0 24	24 6	1 13	13 31	1 23	5 28	2 35	23 40	0 14	21 38	1 6	13 53	6 19	22 32	22 29	17 44		n.a.
T 19	23 29	15 21	3 27	19 10	4 29	23 41	0 26	24 2	1 13	13 31	1 23	5 27	2 34	23 41	0 14	21 37	1 6	13 54	6 19	22 32	22 28	17 45		n.a.
F 20	23 32	18 27	2 34	19 2	4 34	23 49	0 28	23 57	1 13	13 31	1 23	5 26	2 34	23 41	0 14	21 37	1 6	13 54	6 19	22 32	22 28	17 46		n.a.
S 21	23 35	20 47	1 34	18 57	4 38	23 57	0 31	23 52	1 13	13 31	1 24	5 25	2 34	23 41	0 14	21 37	1 6	13 54	6 19	22 32	22 27	17 48		n.a.
S 22	23 38	22 13	0 29	18 52	4 41	24 4	0 33	23 47	1 13	13 32	1 24	5 24	2 34	23 41	0 14	21 37	1 6	13 55	6 19	22 32	22 27	17 49		n.a.
M23	23 40	22 39	0s38	18 49	4 41	24 10	0 35	23 42	1 13	13 32	1 24	5 23	2 33	23 42	0 14	21 37	1 6	13 55	6 19	22 32	22 26	17 51		n.a.
T 24	23 41	22 0	1 44	18 48	4 40	24 15	0 37	23 37	1 13	13 32	1 25	5 22	2 33	23 42	0 14	21 37	1 6	13 55	6 19	22 32	22 26	17 52		n.a.
W25	23 43	20 16	2 46	18 49	4 37	24 20	0 39	23 31	1 13	13 33	1 25	5 21	2 33	23 42	0 14	21 36	1 6	13 55	6 19	22 32	22 25	17 53		n.a.
T 26	23 44	17 31	3 41	18 51	4 33	24 24	0 41	23 26	1 13	13 33	1 25	5 20	2 33	23 42	0 14	21 36	1 6	13 56	6 19	22 32	22 25	17 55		n.a.
F 27	23 44	13 54	4 25	18 55	4 27	24 27	0 43	23 20	1 13	13 34	1 26	5 18	2 32	23 43	0 14	21 36	1 6	13 56	6 19	22 31	22 25	17 56		n.a.
S 28	23 44	9 33	4 57	19 1	4 20	24 29	0 45	23 14	1 12	13 35	1 26	5 17	2 32	23 43	0 14	21 36	1 6	13 56	6 19	22 31	22 24	17 57		n.a.
S 29	23 43	4 41	5 13	19 8	4 11	24 31	0 47	23 8	1 12	13 35	1 26	5 16	2 32	23 43	0 14	21 36	1 6	13 56	6 19	22 31	22 24	17 59		n.a.
M30	23n43	0s30	5s13	19n17	4s 1	24n32	0n49	23n 1	1n12	13s36	1s27	5n14	2n32	23n43	0n14	21s36	1n 6	13n57	6s19	22s30	22s23	18n 0		n.a.

Julian Day Number = 1606155.5, Delta T = 03h56m07s
Ecliptic obliquity = 23°43'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'44, Lahiri = - 8°18'43 Julian Calendar 1 June 316 BCE == Greg. Calendar 27 May 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

JULY 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 17 43	3♋24'40	3♎ 9	19°D 9	3♋32	23♋ 5	28°R10	22♍46	22♊ 1	13°R20	28♉41	12°D 0	11♐ 5	12♉ 5	n.a.	T 1
W 2	18 21 39	4°22'02	17°14	19♊10	4°46	23°43	28♒ 8	22°49	22° 5	13♐18	28°43	12♐ 1	11° 2	12°12	n.a.	W 2
T 3	18 25 36	5°19'26	1♏33	19°17	6° 0	24°21	28° 6	22°52	22° 8	13°17	28°44	12° 2	10°59	12°19	n.a.	T 3
F 4	18 29 32	6°16'50	16° 3	19°30	7°14	24°59	28° 4	22°56	22°12	13°15	28°45	12° 3	10°56	12°25	n.a.	F 4
S 5	18 33 29	7°14'15	0♐40	19°49	8°28	25°37	28° 1	22°59	22°15	13°14	28°46	12° 4	10°53	12°32	n.a.	S 5
S 6	18 37 26	8°11'41	15°19	20°16	9°42	26°15	27°59	23° 2	22°19	13°13	28°47	12°R 4	10°49	12°39	n.a.	S 6
M 7	18 41 22	9° 9'09	29°54	20°49	10°56	26°53	27°56	23° 6	22°22	13°11	28°49	12° 4	10°46	12°45	n.a.	M 7
T 8	18 45 19	10° 6'37	14♑19	21°28	12°11	27°31	27°53	23° 9	22°26	13°10	28°50	12° 1	10°43	12°52	n.a.	T 8
W 9	18 49 15	11° 4'07	28°28	22°14	13°25	28° 9	27°50	23°13	22°30	13° 8	28°51	11°58	10°40	12°59	n.a.	W 9
T 10	18 53 12	12° 1'37	12♒17	23° 6	14°39	28°47	27°47	23°16	22°33	13° 7	28°52	11°53	10°37	13° 5	n.a.	T 10
F 11	18 57 8	12°59'10	25°43	24° 5	15°53	29°25	27°43	23°20	22°36	13° 6	28°53	11°49	10°34	13°12	n.a.	F 11
S 12	19 1 5	13°56'43	8♓46	25°10	17° 7	0♌ 3	27°40	23°24	22°40	13° 4	28°54	11°44	10°30	13°19	n.a.	S 12
S 13	19 5 1	14°54'19	21°26	26°20	18°21	0°41	27°36	23°28	22°43	13° 3	28°55	11°41	10°27	13°25	n.a.	S 13
M14	19 8 58	15°51'56	3♈48	27°37	19°36	1°19	27°32	23°32	22°47	13° 2	28°56	11°39	10°24	13°32	n.a.	M14
T 15	19 12 55	16°49'34	15°54	28°59	20°50	1°57	27°27	23°36	22°50	13° 0	28°57	11°D38	10°21	13°39	n.a.	T 15
W16	19 16 51	17°47'15	27°49	0♋26	22° 4	2°36	27°23	23°40	22°54	12°59	28°58	11°38	10°18	13°45	n.a.	W16
T 17	19 20 48	18°44'57	9♉39	1°57	23°18	3°14	27°19	23°44	22°57	12°58	28°59	11°40	10°15	13°52	n.a.	T 17
F 18	19 24 44	19°42'40	21°29	3°34	24°33	3°52	27°14	23°48	23° 0	12°57	29° 0	11°41	10°11	13°59	n.a.	F 18
S 19	19 28 41	20°40'26	3♊22	5°14	25°47	4°30	27° 9	23°53	23° 4	12°55	29° 1	11°43	10° 8	14° 5	n.a.	S 19
S 20	19 32 37	21°38'13	15°24	6°58	27° 1	5° 9	27° 4	23°57	23° 7	12°54	29° 2	11°R43	10° 5	14°12	n.a.	S 20
M21	19 36 34	22°36'02	27°37	8°45	28°16	5°47	26°59	24° 2	23°10	12°53	29° 3	11°42	10° 2	14°19	n.a.	M21
T 22	19 40 30	23°33'53	10♋ 5	10°35	29°30	6°25	26°53	24° 6	23°14	12°52	29° 4	11°38	9°59	14°25	n.a.	T 22
W23	19 44 27	24°31'46	22°48	12°28	0♌44	7° 4	26°48	24°11	23°17	12°51	29° 5	11°33	9°55	14°32	n.a.	W23
T 24	19 48 24	25°29'40	5♌47	14°22	1°59	7°42	26°42	24°16	23°20	12°50	29° 6	11°27	9°52	14°39	n.a.	T 24
F 25	19 52 20	26°27'35	19° 2	16°18	3°13	8°21	26°36	24°20	23°23	12°49	29° 7	11°19	9°49	14°45	n.a.	F 25
S 26	19 56 17	27°25'32	2♍31	18°15	4°28	8°59	26°30	24°25	23°27	12°48	29° 8	11°12	9°46	14°52	n.a.	S 26
S 27	20 0 13	28°23'31	16°11	20°13	5°42	9°38	26°24	24°30	23°30	12°47	29° 8	11° 5	9°43	14°59	n.a.	S 27
M28	20 4 10	29°21'31	0♎ 2	22°11	6°56	10°16	26°18	24°35	23°33	12°46	29° 9	11° 0	9°40	15° 5	n.a.	M28
T 29	20 8 6	0♌19'32	14° 0	24°10	8°11	10°55	26°12	24°40	23°36	12°45	29°10	10°56	9°36	15°12	n.a.	T 29
W30	20 12 3	1°17'35	28° 4	26° 9	9°25	11°33	26° 5	24°45	23°39	12°44	29°11	10°D55	9°33	15°19	n.a.	W30
T 31	20 15 59	2♌15'40	12♏12	28♋ 7	10♌40	12♌12	25♒58	24♍51	23♊42	12♐43	29♉12	10♐56	9♐30	15♉25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	23n41	5s45	4s54	19n28	3s50	24n32	0n51	22n55	1n12	13s37	1s27	5n13	2n32	23n44	0n14	21s35	1n 6	13n57	6s19	22s30	22s23	18n 2			n.a.	T 1
W 2	23 40	10 49	4 18	19 40	3 38	24 32	0 53	22 48	1 12	13 38	1 27	5 12	2 31	23 44	0 14	21 35	1 6	13 57	6 19	22 30	22 22	18 3			n.a.	W 2
T 3	23 37	15 21	3 25	19 53	3 25	24 31	0 55	22 41	1 12	13 39	1 28	5 10	2 31	23 44	0 14	21 35	1 6	13 57	6 19	22 31	22 22	18 4			n.a.	T 3
F 4	23 35	19 3	2 18	20 8	3 11	24 29	0 57	22 34	1 12	13 40	1 28	5 9	2 31	23 44	0 14	21 35	1 6	13 58	6 19	22 31	22 21	18 6			n.a.	F 4
S 5	23 32	21 33	1 2	20 24	2 57	24 26	0 58	22 27	1 12	13 41	1 28	5 7	2 31	23 44	0 14	21 35	1 6	13 58	6 19	22 31	22 21	18 7			n.a.	S 5
S 6	23 29	22 37	0n18	20 40	2 42	24 22	1 0	22 20	1 11	13 42	1 29	5 6	2 30	23 45	0 14	21 35	1 6	13 58	6 19	22 31	22 21	18 8			n.a.	S 6
M 7	23 25	22 8	1 36	20 58	2 27	24 18	1 2	22 12	1 11	13 43	1 29	5 4	2 30	23 45	0 14	21 34	1 6	13 58	6 19	22 31	22 20	18 10			n.a.	M 7
T 8	23 21	20 10	2 48	21 16	2 12	24 13	1 3	22 5	1 11	13 45	1 29	5 2	2 30	23 45	0 14	21 34	1 6	13 58	6 19	22 30	22 20	18 11			n.a.	T 8
W 9	23 16	17 1	3 47	21 34	1 56	24 7	1 5	21 57	1 11	13 46	1 29	5 1	2 30	23 45	0 14	21 34	1 6	13 59	6 19	22 30	22 19	18 12			n.a.	W 9
T 10	23 11	12 58	4 32	21 53	1 41	24 1	1 6	21 49	1 11	13 48	1 30	4 59	2 29	23 46	0 14	21 34	1 6	13 59	6 19	22 29	22 19	18 14			n.a.	T 10
F 11	23 5	8 23	5 0	22 11	1 25	23 54	1 8	21 41	1 11	13 49	1 30	4 57	2 29	23 46	0 14	21 34	1 6	13 59	6 19	22 29	22 18	18 15			n.a.	F 11
S 12	23 0	3 34	5 12	22 29	1 10	23 46	1 9	21 32	1 11	13 51	1 30	4 56	2 29	23 46	0 14	21 34	1 6	13 59	6 20	22 28	22 18	18 16			n.a.	S 12
S 13	22 53	1n17	5 8	22 46	0 55	23 37	1 11	21 24	1 10	13 52	1 31	4 54	2 29	23 46	0 14	21 34	1 5	13 59	6 20	22 28	22 17	18 17			n.a.	S 13
M14	22 47	5 57	4 50	23 3	0 40	23 28	1 12	21 15	1 10	13 54	1 31	4 52	2 29	23 46	0 14	21 33	1 5	13 59	6 20	22 27	22 17	18 19			n.a.	M14
T 15	22 40	10 18	4 19	23 18	0 25	23 18	1 13	21 6	1 10	13 56	1 31	4 50	2 28	23 47	0 14	21 33	1 5	14 0	6 20	22 27	22 16	18 20			n.a.	T 15
W16	22 32	14 11	3 37	23 32	0 12	23 7	1 14	20 57	1 10	13 58	1 32	4 48	2 28	23 47	0 14	21 33	1 5	14 0	6 20	22 27	22 16	18 21			n.a.	W16
T 17	22 24	17 30	2 46	23 45	0n 2	22 56	1 16	20 48	1 10	13 59	1 32	4 47	2 28	23 47	0 14	21 33	1 5	14 0	6 20	22 28	22 15	18 23			n.a.	T 17
F 18	22 16	20 5	1 48	23 55	0 14	22 44	1 17	20 39	1 10	14 1	1 32	4 45	2 28	23 47	0 15	21 33	1 5	14 0	6 20	22 28	22 15	18 24			n.a.	F 18
S 19	22 7	21 50	0 45	24 4	0 26	22 31	1 18	20 30	1 10	14 3	1 32	4 43	2 28	23 47	0 15	21 33	1 5	14 0	6 20	22 28	22 15	18 25			n.a.	S 19
S 20	21 58	22 35	0s20	24 10	0 38	22 18	1 19	20 20	1 9	14 5	1 33	4 41	2 27	23 48	0 15	21 33	1 5	14 0	6 20	22 28	22 14	18 26			n.a.	S 20
M21	21 49	22 17	1 25	24 14	0 48	22 4	1 20	20 10	1 9	14 7	1 33	4 39	2 27	23 48	0 15	21 33	1 5	14 1	6 20	22 28	22 14	18 28			n.a.	M21
T 22	21 39	20 53	2 28	24 16	0 58	21 49	1 20	20 0	1 9	14 9	1 33	4 37	2 27	23 48	0 15	21 32	1 5	14 1	6 20	22 27	22 13	18 29			n.a.	T 22
W23	21 29	18 25	3 24	24 14	1 6	21 33	1 21	19 50	1 9	14 12	1 33	4 35	2 27	23 48	0 15	21 32	1 5	14 1	6 20	22 27	22 13	18 30			n.a.	W23
T 24	21 18	15 0	4 11	24 11	1 14	21 17	1 22	19 40	1 9	14 14	1 34	4 33	2 27	23 48	0 15	21 32	1 5	14 1	6 20	22 26	22 12	18 31			n.a.	T 24
F 25	21 7	10 47	4 45	24 4	1 21	21 1	1 23	19 30	1 8	14 16	1 34	4 31	2 26	23 49	0 15	21 32	1 5	14 1	6 20	22 25	22 12	18 33			n.a.	F 25
S 26	20 56	5 58	5 4	23 55	1 27	20 44	1 23	19 20	1 8	14 18	1 34	4 28	2 26	23 49	0 15	21 32	1 5	14 1	6 20	22 24	22 11	18 34			n.a.	S 26
S 27	20 44	0 49	5 7	23 43	1 33	20 26	1 24	19 9	1 8	14 21	1 34	4 26	2 26	23 49	0 15	21 32	1 5	14 1	6 20	22 23	22 11	18 35			n.a.	S 27
M28	20 32	4s27	4 51	23 28	1 37	20 7	1 24	18 58	1 8	14 23	1 35	4 24	2 26	23 49	0 15	21 32	1 5	14 1	6 21	22 22	22 10	18 36			n.a.	M28
T 29	20 20	9 33	4 19	23 12	1 41	19 48	1 25	18 48	1 8	14 26	1 35	4 22	2 26	23 49	0 15	21 32	1 5	14 1	6 21	22 22	22 10	18 38			n.a.	T 29
W30	20 7	14 10	3 30	22 52	1 43	19 29	1 25	18 37	1 8	14 28	1 35	4 20	2 25	23 49	0 15	21 32	1 5	14 2	6 21	22 21	22 9	18 39			n.a.	W30
T 31	19n54	18s 2	2s28	22n31	1n45	19n 9	1n25	18n25	1n 7	14s30	1s35	4n17	2n25	23n50	0n15	21s32	1n 5	14n 2	6s21	22s21	22s 9	18n40			n.a.	T 31

Julian Day Number = 1606185.5, Delta T = 03h56m06s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'39, Lahiri = - 8°18'39 Julian Calendar 1 July 316 BCE == Greg. Calendar 26 June 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

AUGUST 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 19 56	3♌13'46	26♏24	0♌ 5	11♌54	12♌50	25°R52	24♍56	23♊45	12°R42	29♉12	10♐57	9♐27	15♉32	n.a.	F 1
S 2	20 23 53	4°11'53	10♐38	2° 2	13° 9	13°29	25♒45	25° 1	23°48	12♐41	29°13	10°R57	9°24	15°39	n.a.	S 2
S 3	20 27 49	5°10'02	24°52	3°59	14°23	14° 8	25°38	25° 7	23°51	12°40	29°14	10°56	9°20	15°45	n.a.	S 3
M 4	20 31 46	6° 8'13	9♑ 1	5°54	15°38	14°46	25°31	25°12	23°54	12°39	29°14	10°53	9°17	15°52	n.a.	M 4
T 5	20 35 42	7° 6'26	23° 3	7°49	16°52	15°25	25°24	25°17	23°57	12°39	29°15	10°48	9°14	15°59	n.a.	T 5
W 6	20 39 39	8° 4'40	6♒54	9°43	18° 7	16° 4	25°16	25°23	24° 0	12°38	29°16	10°40	9°11	16° 5	n.a.	W 6
T 7	20 43 35	9° 2'56	20°30	11°36	19°21	16°43	25° 9	25°29	24° 3	12°37	29°16	10°31	9° 8	16°12	n.a.	T 7
F 8	20 47 32	10° 1'14	3♓47	13°28	20°36	17°21	25° 2	25°34	24° 5	12°37	29°17	10°21	9° 5	16°19	n.a.	F 8
S 9	20 51 28	10°59'34	16°45	15°18	21°50	18° 0	24°54	25°40	24° 8	12°36	29°18	10°11	9° 1	16°25	n.a.	S 9
S 10	20 55 25	11°57'57	29°23	17° 8	23° 5	18°39	24°46	25°46	24°11	12°35	29°18	10° 2	8°58	16°32	n.a.	S 10
M11	20 59 22	12°56'21	11♈44	18°56	24°19	19°18	24°39	25°52	24°14	12°35	29°19	9°56	8°55	16°39	n.a.	M11
T 12	21 3 18	13°54'48	23°49	20°44	25°34	19°57	24°31	25°57	24°16	12°34	29°19	9°51	8°52	16°45	n.a.	T 12
W13	21 7 15	14°53'17	5♉44	22°30	26°48	20°36	24°23	26° 3	24°19	12°33	29°20	9°49	8°49	16°52	n.a.	W13
T 14	21 11 11	15°51'48	17°34	24°15	28° 3	21°15	24°15	26° 9	24°22	12°33	29°20	9°D49	8°46	16°58	n.a.	T 14
F 15	21 15 8	16°50'21	29°23	25°59	29°17	21°54	24° 8	26°15	24°24	12°32	29°21	9°49	8°42	17° 5	n.a.	F 15
S 16	21 19 4	17°48'57	11♊18	27°42	0♍32	22°33	24° 0	26°21	24°27	12°32	29°21	9°R49	8°39	17°12	n.a.	S 16
S 17	21 23 1	18°47'35	23°22	29°24	1°47	23°12	23°52	26°27	24°29	12°32	29°21	9°48	8°36	17°18	n.a.	S 17
M18	21 26 57	19°46'16	5♋42	1♍ 5	3° 1	23°51	23°44	26°34	24°32	12°31	29°22	9°46	8°33	17°25	n.a.	M18
T 19	21 30 54	20°44'58	18°20	2°45	4°16	24°30	23°36	26°40	24°34	12°31	29°22	9°40	8°30	17°32	n.a.	T 19
W20	21 34 50	21°43'43	1♌18	4°24	5°30	25° 9	23°28	26°46	24°36	12°31	29°23	9°32	8°26	17°38	n.a.	W20
T 21	21 38 47	22°42'30	14°38	6° 1	6°45	25°49	23°20	26°52	24°39	12°30	29°23	9°22	8°23	17°45	n.a.	T 21
F 22	21 42 44	23°41'19	28°17	7°38	8° 0	26°28	23°12	26°59	24°41	12°30	29°23	9°10	8°20	17°52	n.a.	F 22
S 23	21 46 40	24°40'10	12♍12	9°14	9°14	27° 7	23° 4	27° 5	24°43	12°30	29°23	8°58	8°17	17°58	n.a.	S 23
S 24	21 50 37	25°39'04	26°19	10°49	10°29	27°46	22°56	27°11	24°45	12°30	29°24	8°48	8°14	18° 5	n.a.	S 24
M25	21 54 33	26°37'59	10♎32	12°23	11°43	28°26	22°48	27°18	24°48	12°29	29°24	8°39	8°11	18°12	n.a.	M25
T 26	21 58 30	27°36'56	24°48	13°56	12°58	29° 5	22°40	27°24	24°50	12°29	29°24	8°33	8° 7	18°18	n.a.	T 26
W27	22 2 26	28°35'55	9♏ 3	15°28	14°12	29°44	22°32	27°31	24°52	12°29	29°24	8°30	8° 4	18°25	n.a.	W27
T 28	22 6 23	29°34'56	23°13	16°59	15°27	0♍24	22°24	27°38	24°54	12°29	29°25	8°29	8° 1	18°32	n.a.	T 28
F 29	22 10 19	0♍33'58	7♐18	18°30	16°42	1° 3	22°16	27°44	24°56	12°D29	29°25	8°29	7°58	18°38	n.a.	F 29
S 30	22 14 16	1°33'03	21°16	19°59	17°56	1°43	22° 8	27°51	24°58	12°29	29°25	8°28	7°55	18°45	n.a.	S 30
S 31	22 18 13	2♍32'09	5♑ 9	21♍28	19♍11	2♍22	22♒ 0	27♍57	25♊ 0	12♐29	29♉25	8♐27	7♐52	18♉52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n40	20s51	1s17	22n 7	1n47	18n48	1n26	18n14	1n 7	14s33	1s36	4n15	2n25	23n50	0n15	21s32	1n 5	14n 2	6s21	22s22	22s 8	18n41		n.a.
S 2	19 27	22 21	0 2	21 42	1 47	18 27	1 26	18 3	1 7	14 36	1 36	4 13	2 25	23 50	0 15	21 32	1 5	14 2	6 21	22 22	22 8	18 43		n.a.
S 3	19 13	22 24	1n14	21 14	1 47	18 5	1 26	17 51	1 7	14 38	1 36	4 11	2 25	23 50	0 15	21 31	1 5	14 2	6 21	22 22	22 7	18 44		n.a.
M 4	18 58	21 1	2 25	20 45	1 47	17 43	1 26	17 40	1 7	14 41	1 36	4 8	2 25	23 50	0 15	21 31	1 5	14 2	6 21	22 21	22 7	18 45		n.a.
T 5	18 43	18 21	3 26	20 14	1 46	17 20	1 26	17 28	1 6	14 43	1 36	4 6	2 24	23 50	0 15	21 31	1 5	14 2	6 21	22 20	22 6	18 46		n.a.
W 6	18 28	14 41	4 14	19 42	1 44	16 57	1 26	17 16	1 6	14 46	1 37	4 4	2 24	23 50	0 15	21 31	1 5	14 2	6 21	22 19	22 6	18 47		n.a.
T 7	18 13	10 19	4 46	19 9	1 42	16 33	1 25	17 4	1 6	14 49	1 37	4 1	2 24	23 51	0 15	21 31	1 5	14 2	6 21	22 18	22 5	18 48		n.a.
F 8	17 57	5 33	5 2	18 34	1 39	16 9	1 25	16 52	1 6	14 51	1 37	3 59	2 24	23 51	0 15	21 31	1 5	14 2	6 21	22 16	22 5	18 50		n.a.
S 9	17 41	0 39	5 2	17 58	1 36	15 44	1 25	16 39	1 5	14 54	1 37	3 56	2 24	23 51	0 15	21 31	1 4	14 2	6 22	22 15	22 4	18 51		n.a.
S 10	17 25	4n 8	4 47	17 21	1 32	15 19	1 25	16 27	1 5	14 57	1 37	3 54	2 24	23 51	0 15	21 31	1 4	14 2	6 22	22 14	22 4	18 52		n.a.
M11	17 8	8 40	4 19	16 44	1 28	14 54	1 24	16 15	1 5	15 0	1 37	3 51	2 24	23 51	0 15	21 31	1 4	14 2	6 22	22 13	22 3	18 53		n.a.
T 12	16 51	12 45	3 40	16 5	1 24	14 28	1 24	16 2	1 5	15 2	1 37	3 49	2 23	23 51	0 15	21 31	1 4	14 2	6 22	22 12	22 3	18 54		n.a.
W13	16 34	16 17	2 51	15 26	1 19	14 2	1 23	15 49	1 5	15 5	1 38	3 46	2 23	23 51	0 15	21 31	1 4	14 2	6 22	22 12	22 2	18 55		n.a.
T 14	16 17	19 8	1 56	14 46	1 14	13 35	1 22	15 36	1 4	15 8	1 38	3 44	2 23	23 52	0 15	21 31	1 4	14 2	6 22	22 12	22 2	18 57		n.a.
F 15	15 59	21 10	0 55	14 6	1 9	13 8	1 22	15 23	1 4	15 11	1 38	3 41	2 23	23 52	0 15	21 31	1 4	14 2	6 22	22 12	22 1	18 58		n.a.
S 16	15 41	22 17	0s 8	13 25	1 4	12 41	1 21	15 10	1 4	15 13	1 38	3 39	2 23	23 52	0 15	21 31	1 4	14 2	6 22	22 12	22 1	18 59		n.a.
S 17	15 23	22 22	1 12	12 43	0 58	12 13	1 20	14 57	1 4	15 16	1 38	3 36	2 23	23 52	0 15	21 31	1 4	14 2	6 22	22 12	22 0	19 0		n.a.
M18	15 4	21 23	2 13	12 2	0 52	11 45	1 19	14 44	1 3	15 19	1 38	3 34	2 23	23 52	0 15	21 31	1 4	14 2	6 22	22 11	22 0	19 1		n.a.
T 19	14 45	19 20	3 10	11 20	0 46	11 17	1 18	14 30	1 3	15 22	1 38	3 31	2 22	23 52	0 15	21 31	1 4	14 2	6 22	22 10	21 59	19 2		n.a.
W20	14 26	16 15	3 58	10 38	0 39	10 48	1 17	14 17	1 3	15 24	1 38	3 28	2 22	23 52	0 15	21 31	1 4	14 2	6 23	22 9	21 59	19 3		n.a.
T 21	14 7	12 16	4 34	9 55	0 33	10 19	1 16	14 3	1 3	15 27	1 38	3 26	2 22	23 52	0 15	21 31	1 4	14 2	6 23	22 8	21 58	19 5		n.a.
F 22	13 47	7 35	4 56	9 13	0 26	9 50	1 15	13 49	1 2	15 30	1 38	3 23	2 22	23 53	0 15	21 31	1 4	14 2	6 23	22 6	21 58	19 6		n.a.
S 23	13 28	2 26	5 1	8 30	0 19	9 21	1 14	13 35	1 2	15 33	1 39	3 20	2 22	23 53	0 15	21 31	1 4	14 2	6 23	22 4	21 57	19 7		n.a.
S 24	13 8	2s54	4 48	7 47	0 12	8 51	1 13	13 21	1 2	15 35	1 39	3 18	2 22	23 53	0 15	21 31	1 4	14 2	6 23	22 2	21 57	19 8		n.a.
M25	12 47	8 9	4 16	7 5	0 5	8 21	1 11	13 7	1 1	15 38	1 39	3 15	2 22	23 53	0 15	21 31	1 4	14 2	6 23	22 1	21 56	19 9		n.a.
T 26	12 27	12 57	3 29	6 22	0s 2	7 51	1 10	12 53	1 1	15 41	1 39	3 12	2 22	23 53	0 15	21 31	1 4	14 2	6 23	22 0	21 56	19 10		n.a.
W27	12 6	17 2	2 29	5 39	0 9	7 20	1 8	12 39	1 1	15 43	1 39	3 10	2 22	23 53	0 15	21 31	1 4	14 2	6 23	21 59	21 55	19 11		n.a.
T 28	11 45	20 5	1 20	4 57	0 16	6 50	1 7	12 25	1 1	15 46	1 39	3 7	2 22	23 53	0 15	21 31	1 4	14 2	6 23	21 59	21 55	19 12		n.a.
F 29	11 24	21 54	0 6	4 14	0 24	6 19	1 5	12 10	1 0	15 49	1 39	3 4	2 21	23 53	0 15	21 31	1 4	14 2	6 23	21 59	21 54	19 13		n.a.
S 30	11 3	22 19	1n 7	3 32	0 31	5 48	1 4	11 56	1 0	15 51	1 39	3 1	2 21	23 53	0 15	21 31	1 4	14 2	6 23	21 59	21 54	19 14		n.a.
S 31	10n42	21s22	2n16	2n50	0s39	5n17	1n 2	11n41	1n 0	15s54	1s39	2n59	2n21	23n53	0n15	21s31	1n 4	14n 2	6s24	21s59	21s53	19n15		n.a.

Julian Day Number = 1606216.5, Delta T = 03h56m05s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'35, Lahiri = - 8°18'35 Julian Calendar 1 Aug. 316 BCE == Greg. Calendar 27 July 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

SEPTEMBER 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 22 9	3♍31'18	18♉54	22♍55	20♍25	3♍ 2	21°R53	28♍ 4	25♊ 1	12♐29	29♉25	8°R22	7♐48	18♉58	n.a.	M 1
T 2	22 26 6	4°30'28	2♒30	24°22	21°40	3°41	21♒45	28°11	25° 3	12°29	29°25	8♐15	7°45	19° 5	n.a.	T 2
W 3	22 30 2	5°29'40	15°57	25°47	22°55	4°21	21°37	28°18	25° 5	12°29	29°25	8° 5	7°42	19°12	n.a.	W 3
T 4	22 33 59	6°28'54	29°12	27°12	24° 9	5° 1	21°30	28°24	25° 7	12°30	29°R25	7°52	7°39	19°18	n.a.	T 4
F 5	22 37 55	7°28'10	12♓12	28°35	25°24	5°40	21°22	28°31	25° 8	12°30	29°25	7°39	7°36	19°25	n.a.	F 5
S 6	22 41 52	8°27'29	24°57	29°58	26°38	6°20	21°15	28°38	25°10	12°30	29°25	7°26	7°32	19°32	n.a.	S 6
S 7	22 45 48	9°26'49	7♈27	1♎19	27°53	7° 0	21° 8	28°45	25°11	12°30	29°25	7°14	7°29	19°38	n.a.	S 7
M 8	22 49 45	10°26'12	19°42	2°40	29° 7	7°40	21° 1	28°52	25°13	12°31	29°25	7° 4	7°26	19°45	n.a.	M 8
T 9	22 53 41	11°25'37	1♉45	3°59	0♎22	8°19	20°54	28°59	25°14	12°31	29°25	6°58	7°23	19°51	n.a.	T 9
W10	22 57 38	12°25'05	13°38	5°17	1°36	8°59	20°47	29° 6	25°16	12°31	29°25	6°53	7°20	19°58	n.a.	W10
T 11	23 1 35	13°24'35	25°26	6°33	2°51	9°39	20°40	29°13	25°17	12°32	29°24	6°52	7°17	20° 5	n.a.	T 11
F 12	23 5 31	14°24'08	7♊14	7°49	4° 6	10°19	20°33	29°20	25°18	12°32	29°24	6°D51	7°13	20°11	n.a.	F 12
S 13	23 9 28	15°23'43	19° 7	9° 2	5°20	10°59	20°27	29°27	25°20	12°33	29°24	6°R51	7°10	20°18	n.a.	S 13
S 14	23 13 24	16°23'20	1♋11	10°15	6°35	11°39	20°20	29°34	25°21	12°33	29°24	6°51	7° 7	20°25	n.a.	S 14
M15	23 17 21	17°22'59	13°32	11°25	7°49	12°19	20°14	29°41	25°22	12°34	29°24	6°48	7° 4	20°31	n.a.	M15
T 16	23 21 17	18°22'42	26°13	12°34	9° 4	12°59	20° 8	29°48	25°23	12°34	29°23	6°43	7° 1	20°38	n.a.	T 16
W17	23 25 14	19°22'26	9♌18	13°40	10°18	13°39	20° 2	29°55	25°24	12°35	29°23	6°35	6°58	20°45	n.a.	W17
T 18	23 29 10	20°22'12	22°50	14°44	11°33	14°19	19°56	0♎ 2	25°25	12°35	29°23	6°26	6°54	20°51	n.a.	T 18
F 19	23 33 7	21°22'01	6♍45	15°46	12°47	15° 0	19°50	0° 9	25°26	12°36	29°22	6°14	6°51	20°58	n.a.	F 19
S 20	23 37 4	22°21'52	21° 3	16°45	14° 2	15°40	19°44	0°16	25°27	12°37	29°22	6° 2	6°48	21° 5	n.a.	S 20
S 21	23 41 0	23°21'45	5♎35	17°41	15°16	16°20	19°39	0°23	25°28	12°37	29°22	5°52	6°45	21°11	n.a.	S 21
M22	23 44 57	24°21'40	20°15	18°34	16°31	17° 0	19°34	0°30	25°29	12°38	29°21	5°43	6°42	21°18	n.a.	M22
T 23	23 48 53	25°21'37	4♏56	19°23	17°45	17°41	19°29	0°37	25°29	12°39	29°21	5°37	6°38	21°25	n.a.	T 23
W24	23 52 50	26°21'36	19°31	20° 9	19° 0	18°21	19°24	0°44	25°30	12°40	29°20	5°34	6°35	21°31	n.a.	W24
T 25	23 56 46	27°21'36	3♐56	20°49	20°14	19° 1	19°19	0°52	25°31	12°41	29°20	5°D33	6°32	21°38	n.a.	T 25
F 26	0 0 43	28°21'39	18° 7	21°25	21°29	19°42	19°14	0°59	25°31	12°42	29°20	5°33	6°29	21°45	n.a.	F 26
S 27	0 4 39	29°21'43	2♑ 3	21°56	22°43	20°22	19°10	1° 6	25°32	12°42	29°19	5°R33	6°26	21°51	n.a.	S 27
S 28	0 8 36	0♎21'49	15°46	22°20	23°58	21° 3	19° 6	1°13	25°32	12°43	29°18	5°32	6°23	21°58	n.a.	S 28
M29	0 12 32	1°21'56	29°14	22°37	25°12	21°43	19° 2	1°20	25°33	12°44	29°18	5°29	6°19	22° 4	n.a.	M29
T 30	0 16 29	2♎22'05	12♒31	22♎48	26♎26	22♍24	18♒58	1♎27	25♊33	12♐45	29♉17	5♐23	6♐16	22♉11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	10n20	19s 9	3n16	2n 9	0s46	4n46	1n 0	11n26	1n 0	15s56	1s39	2n56	2n21	23n54	0n15	21s31	1n 3	14n 2	6s24	21s58	21s53	19n16		n.a.	M 1
T 2	9 59	15 52	4 4	1 27	0 53	4 14	0 59	11 12	0 59	15 59	1 39	2 53	2 21	23 54	0 15	21 31	1 3	14 1	6 24	21 57	21 52	19 17		n.a.	T 2
W 3	9 37	11 49	4 38	0 46	1 1	3 43	0 57	10 57	0 59	16 1	1 39	2 50	2 21	23 54	0 15	21 31	1 3	14 1	6 24	21 55	21 52	19 19		n.a.	W 3
T 4	9 15	7 16	4 57	0 5	1 8	3 11	0 55	10 42	0 59	16 4	1 39	2 47	2 21	23 54	0 15	21 31	1 3	14 1	6 24	21 53	21 51	19 20		n.a.	T 4
F 5	8 52	2 28	4 59	0s35	1 15	2 40	0 53	10 27	0 58	16 6	1 39	2 45	2 21	23 54	0 15	21 32	1 3	14 1	6 24	21 51	21 51	19 21		n.a.	F 5
S 6	8 30	2n21	4 46	1 15	1 23	2 8	0 51	10 12	0 58	16 9	1 38	2 42	2 21	23 54	0 15	21 32	1 3	14 1	6 24	21 49	21 50	19 22		n.a.	S 6
S 7	8 7	6 58	4 20	1 54	1 30	1 36	0 49	9 56	0 58	16 11	1 38	2 39	2 21	23 54	0 15	21 32	1 3	14 1	6 24	21 47	21 50	19 23		n.a.	S 7
M 8	7 45	11 13	3 42	2 33	1 37	1 4	0 47	9 41	0 57	16 13	1 38	2 36	2 21	23 54	0 16	21 32	1 3	14 1	6 24	21 45	21 49	19 24		n.a.	M 8
T 9	7 22	14 57	2 54	3 11	1 44	0 32	0 45	9 26	0 57	16 15	1 38	2 33	2 21	23 54	0 16	21 32	1 3	14 1	6 24	21 44	21 49	19 25		n.a.	T 9
W10	6 59	18 2	2 0	3 49	1 51	0 0	0 43	9 10	0 57	16 17	1 38	2 31	2 21	23 54	0 16	21 32	1 3	14 1	6 25	21 44	21 48	19 26		n.a.	W10
T 11	6 36	20 20	1 0	4 26	1 58	0s32	0 41	8 55	0 56	16 20	1 38	2 28	2 20	23 54	0 16	21 32	1 3	14 1	6 25	21 43	21 47	19 27		n.a.	T 11
F 12	6 13	21 45	0s 2	5 2	2 5	1 4	0 38	8 39	0 56	16 22	1 38	2 25	2 20	23 54	0 16	21 32	1 3	14 0	6 25	21 43	21 47	19 28		n.a.	F 12
S 13	5 49	22 12	1 5	5 38	2 11	1 36	0 36	8 24	0 56	16 24	1 38	2 22	2 20	23 55	0 16	21 32	1 3	14 0	6 25	21 43	21 46	19 29		n.a.	S 13
S 14	5 26	21 38	2 5	6 12	2 17	2 8	0 34	8 8	0 56	16 26	1 38	2 19	2 20	23 55	0 16	21 32	1 3	14 0	6 25	21 43	21 46	19 30		n.a.	S 14
M15	5 3	20 2	3 1	6 46	2 23	2 40	0 31	7 52	0 55	16 28	1 38	2 16	2 20	23 55	0 16	21 32	1 3	14 0	6 25	21 43	21 45	19 31		n.a.	M15
T 16	4 39	17 24	3 50	7 18	2 29	3 11	0 29	7 36	0 55	16 30	1 38	2 13	2 20	23 55	0 16	21 33	1 3	14 0	6 25	21 42	21 45	19 32		n.a.	T 16
W17	4 15	13 50	4 29	7 50	2 35	3 43	0 27	7 20	0 55	16 31	1 37	2 11	2 20	23 55	0 16	21 33	1 3	14 0	6 25	21 41	21 44	19 33		n.a.	W17
T 18	3 52	9 27	4 53	8 20	2 40	4 15	0 24	7 4	0 54	16 33	1 37	2 8	2 20	23 55	0 16	21 33	1 3	14 0	6 25	21 39	21 44	19 34		n.a.	T 18
F 19	3 28	4 28	5 2	8 48	2 45	4 47	0 22	6 48	0 54	16 35	1 37	2 5	2 20	23 55	0 16	21 33	1 3	13 59	6 25	21 37	21 43	19 35		n.a.	F 19
S 20	3 4	0s52	4 52	9 15	2 49	5 18	0 19	6 32	0 53	16 37	1 37	2 2	2 20	23 55	0 16	21 33	1 3	13 59	6 25	21 35	21 43	19 36		n.a.	S 20
S 21	2 40	6 15	4 23	9 41	2 53	5 50	0 17	6 16	0 53	16 38	1 37	1 59	2 20	23 55	0 16	21 33	1 3	13 59	6 26	21 33	21 42	19 37		n.a.	S 21
M22	2 16	11 20	3 36	10 5	2 57	6 21	0 14	6 0	0 53	16 40	1 37	1 56	2 20	23 55	0 16	21 33	1 3	13 59	6 26	21 31	21 42	19 38		n.a.	M22
T 23	1 52	15 45	2 35	10 26	2 59	6 52	0 12	5 44	0 52	16 41	1 37	1 53	2 20	23 55	0 16	21 34	1 2	13 59	6 26	21 30	21 41	19 39		n.a.	T 23
W24	1 28	19 11	1 24	10 46	3 2	7 23	0 9	5 28	0 52	16 43	1 36	1 50	2 20	23 55	0 16	21 34	1 2	13 59	6 26	21 30	21 40	19 39		n.a.	W24
T 25	1 4	21 20	0 9	11 3	3 3	7 54	0 6	5 11	0 52	16 44	1 36	1 47	2 20	23 55	0 16	21 34	1 2	13 58	6 26	21 29	21 40	19 40		n.a.	T 25
F 26	0 40	22 5	1n 6	11 18	3 4	8 25	0 4	4 55	0 51	16 45	1 36	1 45	2 20	23 55	0 16	21 34	1 2	13 58	6 26	21 30	21 39	19 41		n.a.	F 26
S 27	0 15	21 27	2 16	11 29	3 4	8 56	0 1	4 38	0 51	16 46	1 36	1 42	2 20	23 55	0 16	21 34	1 2	13 58	6 26	21 30	21 39	19 42		n.a.	S 27
S 28	0s 9	19 32	3 17	11 37	3 3	9 26	0s 2	4 22	0 51	16 48	1 36	1 39	2 20	23 55	0 16	21 34	1 2	13 58	6 26	21 29	21 38	19 43		n.a.	S 28
M29	0 33	16 33	4 6	11 42	3 1	9 56	0 4	4 5	0 50	16 49	1 36	1 36	2 20	23 55	0 16	21 35	1 2	13 58	6 26	21 29	21 38	19 44		n.a.	M29
T 30	0s57	12s46	4n40	11s43	2s58	10s26	0s 7	3n49	0n50	16s50	1s35	1n33	2n20	23n55	0n16	21s35	1n 2	13n57	6s26	21s28	21s37	19n45		n.a.	T 30

Julian Day Number = 1606247.5, Delta T = 03h56m04s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'31, Lahiri = - 8°18'31 Julian Calendar 1 Sept. 316 BCE == Greg. Calendar 27 Aug. 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

OCTOBER 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 20 26	3♎22'16	25♒35	22°R50	27♎41	23♍ 4	18°R54	1♎34	25♊33	12♐46	29°R17	5°R15	6♐13	22♉18	n.a.	W 1
T 2	0 24 22	4°22'28	8♓27	22♎44	28°55	23°45	18♒51	1°42	25°34	12°48	29♉16	5♐ 4	6°10	22°24	n.a.	T 2
F 3	0 28 19	5°22'42	21° 7	22°29	0♏10	24°26	18°47	1°49	25°34	12°49	29°16	4°53	6° 7	22°31	n.a.	F 3
S 4	0 32 15	6°22'58	3♈36	22° 5	1°24	25° 6	18°44	1°56	25°34	12°50	29°15	4°42	6° 3	22°38	n.a.	S 4
S 5	0 36 12	7°23'16	15°53	21°30	2°38	25°47	18°41	2° 3	25°34	12°51	29°14	4°32	6° 0	22°44	n.a.	S 5
M 6	0 40 8	8°23'35	28° 0	20°46	3°53	26°28	18°38	2°10	25°R34	12°52	29°14	4°24	5°57	22°51	n.a.	M 6
T 7	0 44 5	9°23'57	9♉57	19°53	5° 7	27° 9	18°36	2°17	25°34	12°53	29°13	4°18	5°54	22°58	n.a.	T 7
W 8	0 48 1	10°24'20	21°47	18°51	6°21	27°50	18°34	2°24	25°34	12°55	29°12	4°15	5°51	23° 4	n.a.	W 8
T 9	0 51 58	11°24'46	3♊33	17°42	7°36	28°31	18°32	2°31	25°34	12°56	29°11	4°D14	5°48	23°11	n.a.	T 9
F 10	0 55 55	12°25'13	15°20	16°26	8°50	29°11	18°30	2°38	25°34	12°57	29°11	4°14	5°44	23°18	n.a.	F 10
S 11	0 59 51	13°25'43	27°12	15° 8	10° 4	29°52	18°28	2°45	25°33	12°59	29°10	4°16	5°41	23°24	n.a.	S 11
S 12	1 3 48	14°26'14	9♋14	13°47	11°18	0♎33	18°26	2°53	25°33	13° 0	29° 9	4°R17	5°38	23°31	n.a.	S 12
M13	1 7 44	15°26'48	21°31	12°28	12°33	1°14	18°25	3° 0	25°33	13° 1	29° 8	4°17	5°35	23°38	n.a.	M13
T 14	1 11 41	16°27'23	4♌ 9	11°13	13°47	1°56	18°24	3° 7	25°32	13° 3	29° 7	4°15	5°32	23°44	n.a.	T 14
W15	1 15 37	17°28'00	17°12	10° 5	15° 1	2°37	18°23	3°14	25°32	13° 4	29° 7	4°11	5°29	23°51	n.a.	W15
T 16	1 19 34	18°28'39	0♍43	9° 5	16°15	3°18	18°22	3°21	25°31	13° 6	29° 6	4° 6	5°25	23°58	n.a.	T 16
F 17	1 23 30	19°29'20	14°42	8°14	17°30	3°59	18°22	3°28	25°31	13° 7	29° 5	3°59	5°22	24° 4	n.a.	F 17
S 18	1 27 27	20°30'03	29° 7	7°35	18°44	4°40	18°22	3°35	25°30	13° 9	29° 4	3°51	5°19	24°11	n.a.	S 18
S 19	1 31 24	21°30'47	13♎54	7° 7	19°58	5°22	18°D22	3°41	25°29	13°10	29° 3	3°45	5°16	24°17	n.a.	S 19
M20	1 35 20	22°31'32	28°53	6°51	21°12	6° 3	18°22	3°48	25°29	13°12	29° 2	3°39	5°13	24°24	n.a.	M20
T 21	1 39 17	23°32'20	13♏57	6°D47	22°26	6°44	18°22	3°55	25°28	13°13	29° 1	3°36	5° 9	24°31	n.a.	T 21
W22	1 43 13	24°33'08	28°56	6°53	23°41	7°26	18°23	4° 2	25°27	13°15	29° 0	3°D34	5° 6	24°37	n.a.	W22
T 23	1 47 10	25°33'58	13♐43	7°10	24°55	8° 7	18°23	4° 9	25°26	13°17	28°59	3°34	5° 3	24°44	n.a.	T 23
F 24	1 51 6	26°34'49	28°11	7°36	26° 9	8°49	18°24	4°16	25°25	13°18	28°58	3°36	5° 0	24°51	n.a.	F 24
S 25	1 55 3	27°35'41	12♑19	8°10	27°23	9°30	18°26	4°22	25°24	13°20	28°57	3°37	4°57	24°57	n.a.	S 25
S 26	1 58 59	28°36'34	26° 5	8°52	28°37	10°12	18°27	4°29	25°23	13°22	28°56	3°R38	4°54	25° 4	n.a.	S 26
M27	2 2 56	29°37'28	9♒30	9°41	29°51	10°53	18°29	4°36	25°22	13°24	28°55	3°38	4°50	25°11	n.a.	M27
T 28	2 6 53	0♏38'23	22°36	10°36	1♐ 5	11°35	18°30	4°43	25°21	13°25	28°54	3°36	4°47	25°17	n.a.	T 28
W29	2 10 49	1°39'19	5♓26	11°36	2°19	12°17	18°32	4°49	25°20	13°27	28°53	3°32	4°44	25°24	n.a.	W29
T 30	2 14 46	2°40'15	18° 1	12°40	3°33	12°58	18°35	4°56	25°18	13°29	28°52	3°27	4°41	25°31	n.a.	T 30
F 31	2 18 42	3♏41'13	0♈24	13♎48	4♐47	13♎40	18♒37	5♎ 2	25♊17	13♐31	28♉51	3♐22	4♐38	25♉37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s21	8s27	5n 0	11s40	2s53	10s56	0s10	3n32	0n49	16s51	1s35	1n30	2n20	23n55	0n16	21s35	1n 2	13n57	6s26	21s26	21s37	19n46		n.a.
T 2	1 46	3 49	5 3	11 32	2 47	11 25	0 12	3 16	0 49	16 52	1 35	1 27	2 20	23 55	0 16	21 35	1 2	13 57	6 26	21 24	21 36	19 47		n.a.
F 3	2 10	0n54	4 52	11 19	2 40	11 54	0 15	2 59	0 49	16 53	1 35	1 25	2 20	23 56	0 16	21 35	1 2	13 57	6 26	21 22	21 36	19 48		n.a.
S 4	2 34	5 31	4 27	11 1	2 30	12 23	0 18	2 42	0 48	16 53	1 35	1 22	2 20	23 56	0 16	21 35	1 2	13 57	6 27	21 20	21 35	19 49		n.a.
S 5	2 58	9 51	3 49	10 38	2 19	12 52	0 21	2 26	0 48	16 54	1 34	1 19	2 20	23 56	0 16	21 36	1 2	13 56	6 27	21 18	21 34	19 50		n.a.
M 6	3 22	13 43	3 2	10 9	2 6	13 20	0 23	2 9	0 47	16 55	1 34	1 16	2 20	23 56	0 16	21 36	1 2	13 56	6 27	21 17	21 34	19 50		n.a.
T 7	3 46	16 59	2 7	9 35	1 52	13 48	0 26	1 52	0 47	16 55	1 34	1 13	2 20	23 56	0 16	21 36	1 2	13 56	6 27	21 16	21 33	19 51		n.a.
W 8	4 10	19 30	1 7	8 56	1 35	14 15	0 29	1 35	0 47	16 56	1 34	1 10	2 20	23 56	0 16	21 36	1 2	13 56	6 27	21 15	21 33	19 52		n.a.
T 9	4 34	21 11	0 4	8 13	1 17	14 43	0 32	1 18	0 46	16 56	1 33	1 8	2 20	23 56	0 16	21 36	1 2	13 56	6 27	21 15	21 32	19 53		n.a.
F 10	4 58	21 56	1s 0	7 26	0 58	15 9	0 34	1 2	0 46	16 57	1 33	1 5	2 20	23 56	0 16	21 37	1 2	13 55	6 27	21 15	21 32	19 54		n.a.
S 11	5 22	21 41	2 1	6 37	0 38	15 36	0 37	0 45	0 45	16 57	1 33	1 2	2 20	23 56	0 16	21 37	1 2	13 55	6 27	21 15	21 31	19 55		n.a.
S 12	5 46	20 27	2 58	5 46	0 17	16 2	0 40	0 28	0 45	16 57	1 33	0 59	2 20	23 56	0 16	21 37	1 2	13 55	6 27	21 16	21 30	19 56		n.a.
M13	6 9	18 15	3 48	4 56	0n 3	16 28	0 42	0 11	0 45	16 57	1 33	0 56	2 20	23 56	0 16	21 37	1 2	13 55	6 27	21 16	21 30	19 57		n.a.
T 14	6 33	15 7	4 28	4 8	0 24	16 53	0 45	0s 6	0 44	16 58	1 32	0 54	2 21	23 56	0 16	21 37	1 2	13 54	6 27	21 15	21 29	19 57		n.a.
W15	6 56	11 10	4 56	3 23	0 43	17 18	0 48	0 23	0 44	16 58	1 32	0 51	2 21	23 56	0 16	21 38	1 2	13 54	6 27	21 15	21 29	19 58		n.a.
T 16	7 20	6 33	5 9	2 42	1 1	17 42	0 50	0 40	0 43	16 58	1 32	0 48	2 21	23 56	0 16	21 38	1 1	13 54	6 27	21 13	21 28	19 59		n.a.
F 17	7 43	1 26	5 4	2 7	1 18	18 6	0 53	0 57	0 43	16 57	1 32	0 45	2 21	23 56	0 16	21 38	1 1	13 54	6 27	21 12	21 28	20 0		n.a.
S 18	8 6	3s55	4 40	1 38	1 33	18 30	0 56	1 14	0 42	16 57	1 31	0 43	2 21	23 56	0 16	21 38	1 1	13 54	6 27	21 11	21 27	20 1		n.a.
S 19	8 29	9 11	3 57	1 15	1 45	18 53	0 58	1 31	0 42	16 57	1 31	0 40	2 21	23 56	0 16	21 39	1 1	13 53	6 27	21 9	21 26	20 2		n.a.
M20	8 52	13 58	2 57	0 58	1 56	19 15	1 1	1 48	0 41	16 57	1 31	0 37	2 21	23 56	0 17	21 39	1 1	13 53	6 27	21 8	21 26	20 2		n.a.
T 21	9 15	17 53	1 45	0 48	2 6	19 37	1 3	2 5	0 41	16 57	1 31	0 35	2 21	23 56	0 17	21 39	1 1	13 53	6 27	21 8	21 25	20 3		n.a.
W22	9 38	20 35	0 25	0 44	2 13	19 59	1 6	2 22	0 41	16 56	1 30	0 32	2 21	23 56	0 17	21 39	1 1	13 53	6 28	21 7	21 25	20 4		n.a.
T 23	10 0	21 49	0n55	0 46	2 18	20 20	1 8	2 39	0 40	16 56	1 30	0 29	2 21	23 56	0 17	21 40	1 1	13 52	6 28	21 8	21 24	20 5		n.a.
F 24	10 22	21 33	2 10	0 52	2 22	20 40	1 11	2 56	0 40	16 55	1 30	0 27	2 21	23 56	0 17	21 40	1 1	13 52	6 28	21 8	21 24	20 6		n.a.
S 25	10 45	19 54	3 16	1 4	2 25	21 0	1 13	3 13	0 39	16 54	1 30	0 24	2 21	23 56	0 17	21 40	1 1	13 52	6 28	21 8	21 23	20 6		n.a.
S 26	11 7	17 8	4 8	1 19	2 26	21 19	1 15	3 30	0 39	16 54	1 29	0 21	2 21	23 56	0 17	21 40	1 1	13 52	6 28	21 8	21 22	20 7		n.a.
M27	11 28	13 30	4 46	1 38	2 27	21 38	1 18	3 47	0 38	16 53	1 29	0 19	2 22	23 56	0 17	21 41	1 1	13 51	6 28	21 8	21 22	20 8		n.a.
T 28	11 50	9 19	5 7	2 1	2 26	21 56	1 20	4 3	0 38	16 52	1 29	0 16	2 22	23 56	0 17	21 41	1 1	13 51	6 28	21 8	21 21	20 9		n.a.
W29	12 12	4 48	5 12	2 26	2 24	22 13	1 22	4 20	0 37	16 51	1 29	0 14	2 22	23 56	0 17	21 41	1 1	13 51	6 28	21 7	21 21	20 9		n.a.
T 30	12 33	0 9	5 3	2 54	2 21	22 30	1 24	4 37	0 37	16 50	1 28	0 11	2 22	23 56	0 17	21 41	1 1	13 51	6 28	21 6	21 20	20 10		n.a.
F 31	12s54	4n25	4n39	3s24	2n18	22s46	1s26	4s54	0n36	16s49	1s28	0n 8	2n22	23n56	0n17	21s42	1n 1	13n50	6s28	21s 5	21s19	20n11		n.a.

Julian Day Number = 1606277.5, Delta T = 03h56m03s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'27, Lahiri = - 8°18'26 Julian Calendar 1 Oct. 316 BCE == Greg. Calendar 26 Sept. 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

NOVEMBER 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 39	4♏42'12	12♈37	15♎ 0	6♐ 1	14♎22	18♒40	5♎ 9	25°R16	13♐33	28°R50	3°R17	4♐34	25♉44	n.a.	S 1
S 2	2 26 35	5°43'11	24°41	16°15	7°15	15° 4	18°43	5°16	25♊14	13°35	28♉49	3♐12	4°31	25°51	n.a.	S 2
M 3	2 30 32	6°44'12	6♉38	17°32	8°29	15°45	18°46	5°22	25°13	13°36	28°48	3° 8	4°28	25°57	n.a.	M 3
T 4	2 34 28	7°45'14	18°29	18°51	9°43	16°27	18°49	5°28	25°11	13°38	28°47	3° 6	4°25	26° 4	n.a.	T 4
W 5	2 38 25	8°46'16	0♊17	20°12	10°56	17° 9	18°52	5°35	25°10	13°40	28°46	3°D 5	4°22	26°10	n.a.	W 5
T 6	2 42 22	9°47'20	12° 4	21°35	12°10	17°51	18°56	5°41	25° 8	13°42	28°44	3° 5	4°19	26°17	n.a.	T 6
F 7	2 46 18	10°48'25	23°53	22°59	13°24	18°33	19° 0	5°47	25° 7	13°44	28°43	3° 6	4°15	26°24	n.a.	F 7
S 8	2 50 15	11°49'31	5♋46	24°24	14°38	19°15	19° 4	5°54	25° 5	13°46	28°42	3° 8	4°12	26°30	n.a.	S 8
S 9	2 54 11	12°50'38	17°49	25°50	15°52	19°57	19° 8	6° 0	25° 3	13°48	28°41	3°10	4° 9	26°37	n.a.	S 9
M10	2 58 8	13°51'46	0♌ 5	27°17	17° 5	20°39	19°12	6° 6	25° 2	13°50	28°40	3°11	4° 6	26°44	n.a.	M10
T 11	3 2 4	14°52'55	12°39	28°45	18°19	21°22	19°17	6°12	25° 0	13°52	28°39	3°R12	4° 3	26°50	n.a.	T 11
W12	3 6 1	15°54'05	25°36	0♏14	19°33	22° 4	19°21	6°18	24°58	13°54	28°38	3°11	4° 0	26°57	n.a.	W12
T 13	3 9 57	16°55'16	8♍57	1°43	20°46	22°46	19°26	6°24	24°56	13°56	28°36	3°10	3°56	27° 4	n.a.	T 13
F 14	3 13 54	17°56'28	22°47	3°12	22° 0	23°28	19°31	6°30	24°54	13°58	28°35	3° 9	3°53	27°10	n.a.	F 14
S 15	3 17 51	18°57'40	7♎ 4	4°42	23°13	24°11	19°37	6°36	24°52	14° 1	28°34	3° 7	3°50	27°17	n.a.	S 15
S 16	3 21 47	19°58'54	21°46	6°12	24°27	24°53	19°42	6°42	24°50	14° 3	28°33	3° 5	3°47	27°24	n.a.	S 16
M17	3 25 44	21° 0'08	6♏48	7°43	25°40	25°35	19°48	6°48	24°48	14° 5	28°32	3° 4	3°44	27°30	n.a.	M17
T 18	3 29 40	22° 1'23	22° 0	9°14	26°54	26°18	19°54	6°53	24°46	14° 7	28°31	3° 3	3°40	27°37	n.a.	T 18
W19	3 33 37	23° 2'38	7♐14	10°45	28° 7	27° 0	20° 0	6°59	24°44	14° 9	28°29	3°D 3	3°37	27°43	n.a.	W19
T 20	3 37 33	24° 3'54	22°19	12°17	29°20	27°43	20° 6	7° 5	24°42	14°11	28°28	3° 3	3°34	27°50	n.a.	T 20
F 21	3 41 30	25° 5'10	7♑ 7	13°48	0♑34	28°25	20°12	7°10	24°40	14°13	28°27	3° 4	3°31	27°57	n.a.	F 21
S 22	3 45 26	26° 6'26	21°32	15°20	1°47	29° 8	20°19	7°16	24°38	14°16	28°26	3° 4	3°28	28° 3	n.a.	S 22
S 23	3 49 23	27° 7'42	5♒31	16°53	3° 0	29°51	20°25	7°21	24°36	14°18	28°25	3° 5	3°25	28°10	n.a.	S 23
M24	3 53 20	28° 8'58	19° 4	18°25	4°14	0♏33	20°32	7°27	24°33	14°20	28°23	3° 5	3°21	28°17	n.a.	M24
T 25	3 57 16	29°10'14	2♓13	19°58	5°27	1°16	20°39	7°32	24°31	14°22	28°22	3°R 5	3°18	28°23	n.a.	T 25
W26	4 1 13	0♐11'29	14°59	21°31	6°40	1°59	20°46	7°37	24°29	14°24	28°21	3° 5	3°15	28°30	n.a.	W26
T 27	4 5 9	1°12'45	27°26	23° 4	7°53	2°41	20°54	7°42	24°27	14°27	28°20	3° 5	3°12	28°37	n.a.	T 27
F 28	4 9 6	2°14'00	9♈40	24°38	9° 6	3°24	21° 1	7°47	24°24	14°29	28°18	3° 5	3° 9	28°43	n.a.	F 28
S 29	4 13 2	3°15'15	21°42	26°11	10°19	4° 7	21° 9	7°53	24°22	14°31	28°17	3°D 5	3° 6	28°50	n.a.	S 29
S 30	4 16 59	4♐16'30	3♉36	27♏45	11♑32	4♏50	21♒17	7♎58	24♊19	14♐33	28♉16	3♐ 5	3♐ 2	28♉57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s15	8n45	4n 3	3s55	2n14	23s 2	1s28	5s11	0n36	16s48	1s28	0n 6	2n22	23n56	0n17	21s42	1n 1	13n50	6s28	21s 4	21s19	20n12		n.a.
S 2	13 35	12 42	3 16	4 28	2 10	23 16	1 30	5 28	0 35	16 47	1 28	0 3	2 22	23 56	0 17	21 42	1 1	13 50	6 28	21 3	21 18	20 13		n.a.
M 3	13 56	16 6	2 21	5 3	2 5	23 31	1 32	5 44	0 35	16 46	1 27	0 1	2 22	23 55	0 17	21 42	1 1	13 50	6 28	21 2	21 18	20 13		n.a.
T 4	14 16	18 49	1 20	5 38	2 0	23 44	1 34	6 1	0 34	16 45	1 27	0s 2	2 22	23 55	0 17	21 43	1 1	13 49	6 28	21 2	21 17	20 14		n.a.
W 5	14 36	20 43	0 15	6 14	1 54	23 57	1 36	6 18	0 34	16 43	1 27	0 4	2 23	23 55	0 17	21 43	1 1	13 49	6 28	21 2	21 16	20 15		n.a.
T 6	14 56	21 42	0s49	6 51	1 48	24 9	1 38	6 35	0 33	16 42	1 27	0 6	2 23	23 55	0 17	21 43	1 1	13 49	6 28	21 2	21 16	20 16		n.a.
F 7	15 15	21 43	1 52	7 28	1 42	24 20	1 40	6 51	0 33	16 41	1 26	0 9	2 23	23 55	0 17	21 43	1 1	13 49	6 28	21 2	21 15	20 16		n.a.
S 8	15 34	20 45	2 51	8 6	1 35	24 31	1 42	7 8	0 32	16 39	1 26	0 11	2 23	23 55	0 17	21 44	1 1	13 49	6 28	21 2	21 15	20 17		n.a.
S 9	15 53	18 51	3 43	8 44	1 29	24 41	1 43	7 24	0 32	16 38	1 26	0 14	2 23	23 55	0 17	21 44	1 1	13 48	6 28	21 3	21 14	20 18		n.a.
M10	16 12	16 3	4 26	9 22	1 22	24 50	1 45	7 41	0 31	16 36	1 26	0 16	2 23	23 55	0 17	21 44	1 1	13 48	6 28	21 3	21 14	20 18		n.a.
T 11	16 30	12 28	4 57	10 0	1 15	24 58	1 46	7 57	0 31	16 34	1 25	0 18	2 23	23 55	0 17	21 44	1 1	13 48	6 28	21 3	21 13	20 19		n.a.
W12	16 48	8 13	5 14	10 38	1 8	25 6	1 48	8 14	0 30	16 33	1 25	0 20	2 23	23 55	0 17	21 45	1 1	13 48	6 28	21 3	21 12	20 20		n.a.
T 13	17 6	3 27	5 15	11 15	1 1	25 13	1 49	8 30	0 29	16 31	1 25	0 23	2 24	23 55	0 17	21 45	1 1	13 47	6 28	21 3	21 12	20 21		n.a.
F 14	17 23	1s40	4 59	11 53	0 54	25 19	1 50	8 47	0 29	16 29	1 25	0 25	2 24	23 55	0 17	21 45	1 1	13 47	6 28	21 3	21 11	20 21		n.a.
S 15	17 40	6 51	4 23	12 30	0 47	25 25	1 52	9 3	0 28	16 27	1 24	0 27	2 24	23 55	0 17	21 46	1 1	13 47	6 28	21 2	21 11	20 22		n.a.
S 16	17 57	11 49	3 30	13 7	0 40	25 29	1 53	9 19	0 28	16 25	1 24	0 29	2 24	23 55	0 17	21 46	1 1	13 47	6 28	21 2	21 10	20 23		n.a.
M17	18 14	16 10	2 21	13 44	0 33	25 33	1 54	9 35	0 27	16 23	1 24	0 32	2 24	23 55	0 17	21 46	1 0	13 46	6 28	21 2	21 9	20 23		n.a.
T 18	18 30	19 28	1 1	14 20	0 26	25 36	1 55	9 51	0 27	16 21	1 24	0 34	2 24	23 55	0 17	21 46	1 0	13 46	6 28	21 1	21 9	20 24		n.a.
W19	18 46	21 24	0n23	14 56	0 19	25 39	1 56	10 7	0 26	16 19	1 23	0 36	2 25	23 55	0 17	21 47	1 0	13 46	6 28	21 1	21 8	20 25		n.a.
T 20	19 1	21 45	1 45	15 31	0 12	25 40	1 57	10 23	0 26	16 17	1 23	0 38	2 25	23 55	0 17	21 47	1 0	13 46	6 27	21 1	21 7	20 25		n.a.
F 21	19 16	20 34	2 58	16 6	0 5	25 41	1 57	10 39	0 25	16 14	1 23	0 40	2 25	23 55	0 17	21 47	1 0	13 46	6 27	21 2	21 7	20 26		n.a.
S 22	19 31	18 4	3 58	16 40	0s 2	25 41	1 58	10 55	0 24	16 12	1 23	0 42	2 25	23 54	0 17	21 48	1 0	13 45	6 27	21 2	21 6	20 27		n.a.
S 23	19 45	14 34	4 42	17 13	0 9	25 40	1 59	11 11	0 24	16 10	1 23	0 44	2 25	23 54	0 17	21 48	1 0	13 45	6 27	21 2	21 6	20 27		n.a.
M24	19 59	10 24	5 9	17 46	0 15	25 39	1 59	11 27	0 23	16 7	1 22	0 46	2 25	23 54	0 17	21 48	1 0	13 45	6 27	21 2	21 5	20 28		n.a.
T 25	20 13	5 52	5 18	18 18	0 22	25 37	2 0	11 42	0 23	16 5	1 22	0 48	2 26	23 54	0 17	21 48	1 0	13 45	6 27	21 2	21 4	20 29		n.a.
W26	20 26	1 12	5 11	18 49	0 29	25 34	2 0	11 58	0 22	16 2	1 22	0 50	2 26	23 54	0 17	21 49	1 0	13 44	6 27	21 2	21 4	20 29		n.a.
T 27	20 39	3n24	4 50	19 20	0 35	25 30	2 0	12 13	0 21	16 0	1 22	0 52	2 26	23 54	0 17	21 49	1 0	13 44	6 27	21 2	21 3	20 30		n.a.
F 28	20 52	7 47	4 16	19 49	0 41	25 25	2 0	12 29	0 21	15 57	1 21	0 54	2 26	23 54	0 17	21 49	1 0	13 44	6 27	21 2	21 3	20 30		n.a.
S 29	21 4	11 48	3 31	20 18	0 47	25 20	2 1	12 44	0 20	15 54	1 21	0 55	2 26	23 54	0 17	21 49	1 0	13 44	6 27	21 2	21 2	20 31		n.a.
S 30	21s15	15n19	2n37	20s46	0s53	25s14	2s 1	12s59	0n20	15s52	1s21	0s57	2n27	23n54	0n17	21s50	1n 0	13n44	6s27	21s 2	21s 1	20n32		n.a.

Julian Day Number = 1606308.5, Delta T = 03h56m02s
Ecliptic obliquity = 23°43'57, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'23, Lahiri = - 8°18'22 Julian Calendar 1 Nov. 316 BCE == Greg. Calendar 27 Oct. 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 316 BCE
geocentric

DECEMBER 316 BCE (-315) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 20 55	5♐17'45	15♉26	29♏20	12♑44	5♏33	21♒25	8♎ 2	24°R17	14♐36	28°R15	3♐ 5	2♐59	29♉ 3	n.a.	M 1
T 2	4 24 52	6°19'00	27°14	0♐55	13°57	6°16	21°33	8° 7	24♊15	14°38	28♉14	3°R 5	2°56	29°10	n.a.	T 2
W 3	4 28 49	7°20'14	9♊ 2	2°30	15°10	6°59	21°41	8°12	24°12	14°40	28°13	3° 5	2°53	29°17	n.a.	W 3
T 4	4 32 45	8°21'29	20°52	4° 5	16°22	7°42	21°49	8°17	24°10	14°42	28°11	3° 5	2°50	29°23	n.a.	T 4
F 5	4 36 42	9°22'43	2♋47	5°41	17°35	8°25	21°58	8°21	24° 7	14°45	28°10	3° 4	2°46	29°30	n.a.	F 5
S 6	4 40 38	10°23'58	14°48	7°17	18°47	9° 8	22° 7	8°26	24° 5	14°47	28° 9	3° 3	2°43	29°36	n.a.	S 6
S 7	4 44 35	11°25'12	26°59	8°53	20° 0	9°51	22°15	8°30	24° 2	14°49	28° 8	3° 2	2°40	29°43	n.a.	S 7
M 8	4 48 31	12°26'26	9♌21	10°30	21°12	10°34	22°24	8°35	24° 0	14°51	28° 7	3° 1	2°37	29°50	n.a.	M 8
T 9	4 52 28	13°27'39	21°57	12° 8	22°24	11°18	22°33	8°39	23°57	14°54	28° 5	3° 0	2°34	29°56	n.a.	T 9
W10	4 56 25	14°28'53	4♍51	13°45	23°37	12° 1	22°43	8°43	23°55	14°56	28° 4	2°59	2°31	0♊ 3	n.a.	W10
T 11	5 0 21	15°30'07	18° 5	15°24	24°49	12°44	22°52	8°47	23°52	14°58	28° 3	2°D59	2°27	0°10	n.a.	T 11
F 12	5 4 18	16°31'20	1♎43	17° 2	26° 1	13°27	23° 1	8°51	23°49	15° 1	28° 2	2°59	2°24	0°16	n.a.	F 12
S 13	5 8 14	17°32'33	15°44	18°41	27°13	14°11	23°11	8°55	23°47	15° 3	28° 1	3° 0	2°21	0°23	n.a.	S 13
S 14	5 12 11	18°33'46	0♏ 9	20°21	28°25	14°54	23°21	8°59	23°44	15° 5	28° 0	3° 2	2°18	0°30	n.a.	S 14
M15	5 16 7	19°34'58	14°54	22° 1	29°36	15°38	23°31	9° 3	23°42	15° 7	27°59	3° 3	2°15	0°36	n.a.	M15
T 16	5 20 4	20°36'11	29°55	23°42	0♒48	16°21	23°41	9° 7	23°39	15°10	27°58	3°R 3	2°12	0°43	n.a.	T 16
W17	5 24 0	21°37'22	15♐ 4	25°23	2° 0	17° 5	23°51	9°10	23°36	15°12	27°56	3° 3	2° 8	0°50	n.a.	W17
T 18	5 27 57	22°38'33	0♑11	27° 5	3°11	17°48	24° 1	9°14	23°34	15°14	27°55	3° 2	2° 5	0°56	n.a.	T 18
F 19	5 31 54	23°39'44	15° 8	28°47	4°23	18°32	24°11	9°17	23°31	15°16	27°54	2°59	2° 2	1° 3	n.a.	F 19
S 20	5 35 50	24°40'53	29°45	0♑29	5°34	19°15	24°22	9°21	23°29	15°19	27°53	2°56	1°59	1°10	n.a.	S 20
S 21	5 39 47	25°42'01	13♒58	2°12	6°45	19°59	24°33	9°24	23°26	15°21	27°52	2°53	1°56	1°16	n.a.	S 21
M22	5 43 43	26°43'09	27°42	3°55	7°56	20°43	24°43	9°27	23°23	15°23	27°51	2°50	1°52	1°23	n.a.	M22
T 23	5 47 40	27°44'14	10♓59	5°39	9° 7	21°26	24°54	9°30	23°21	15°25	27°50	2°48	1°49	1°29	n.a.	T 23
W24	5 51 36	28°45'19	23°50	7°22	10°18	22°10	25° 5	9°33	23°18	15°28	27°49	2°D47	1°46	1°36	n.a.	W24
T 25	5 55 33	29°46'23	6♈18	9° 6	11°29	22°54	25°16	9°36	23°16	15°30	27°48	2°47	1°43	1°43	n.a.	T 25
F 26	5 59 29	0♑47'25	18°29	10°50	12°40	23°38	25°27	9°39	23°13	15°32	27°47	2°48	1°40	1°49	n.a.	F 26
S 27	6 3 26	1°48'26	0♉27	12°34	13°50	24°21	25°38	9°42	23°10	15°34	27°46	2°50	1°37	1°56	n.a.	S 27
S 28	6 7 23	2°49'25	12°18	14°18	15° 1	25° 5	25°50	9°45	23° 8	15°36	27°45	2°52	1°33	2° 3	n.a.	S 28
M29	6 11 19	3°50'24	24° 4	16° 2	16°11	25°49	26° 1	9°47	23° 5	15°39	27°44	2°53	1°30	2° 9	n.a.	M29
T 30	6 15 16	4°51'21	5♊51	17°44	17°21	26°33	26°13	9°50	23° 3	15°41	27°43	2°R53	1°27	2°16	n.a.	T 30
W31	6 19 12	5♑52'17	17♊42	19♑26	18♒31	27♏17	26♒24	9♎52	23♊ 0	15♐43	27♉42	2♐52	1♐24	2♊23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s27	18n12	1n37	21s13	0s59	25s 7	2s 0	13s14	0n19	15s49	1s21	0s59	2n27	23n54	0n17	21s50	1n 0	13n43	6s27	21s 2	21s 1	20n32		n.a.
T 2	21 38	20 18	0 33	21 39	1 5	24 59	2 0	13 29	0 18	15 46	1 21	1 1	2 27	23 54	0 17	21 50	1 0	13 43	6 27	21 2	21 0	20 33		n.a.
W 3	21 48	21 32	0s33	22 4	1 10	24 51	2 0	13 44	0 18	15 43	1 20	1 2	2 27	23 54	0 17	21 51	1 0	13 43	6 27	21 2	20 59	20 33		n.a.
T 4	21 58	21 48	1 37	22 27	1 15	24 42	2 0	13 59	0 17	15 40	1 20	1 4	2 27	23 53	0 17	21 51	1 0	13 43	6 27	21 2	20 59	20 34		n.a.
F 5	22 8	21 4	2 38	22 50	1 20	24 32	1 59	14 13	0 16	15 37	1 20	1 6	2 28	23 53	0 17	21 51	1 0	13 43	6 27	21 2	20 58	20 35		n.a.
S 6	22 17	19 23	3 32	23 12	1 25	24 21	1 59	14 28	0 16	15 34	1 20	1 7	2 28	23 53	0 17	21 51	1 0	13 43	6 27	21 2	20 58	20 35		n.a.
S 7	22 26	16 49	4 17	23 32	1 30	24 10	1 58	14 42	0 15	15 31	1 20	1 9	2 28	23 53	0 17	21 52	1 0	13 42	6 26	21 1	20 57	20 36		n.a.
M 8	22 34	13 28	4 51	23 51	1 34	23 58	1 57	14 57	0 14	15 28	1 19	1 10	2 28	23 53	0 17	21 52	1 0	13 42	6 26	21 1	20 56	20 36		n.a.
T 9	22 42	9 27	5 12	24 9	1 38	23 45	1 56	15 11	0 14	15 25	1 19	1 12	2 28	23 53	0 17	21 52	1 0	13 42	6 26	21 1	20 56	20 37		n.a.
W10	22 49	4 56	5 17	24 25	1 42	23 32	1 55	15 25	0 13	15 21	1 19	1 13	2 29	23 53	0 17	21 52	1 0	13 42	6 26	21 1	20 55	20 38		n.a.
T 11	22 56	0 4	5 7	24 40	1 46	23 18	1 54	15 39	0 12	15 18	1 19	1 15	2 29	23 53	0 17	21 53	1 0	13 42	6 26	21 1	20 54	20 38		n.a.
F 12	23 2	4s56	4 39	24 54	1 49	23 3	1 53	15 53	0 12	15 15	1 19	1 16	2 29	23 53	0 17	21 53	1 0	13 42	6 26	21 1	20 54	20 39		n.a.
S 13	23 8	9 51	3 53	25 6	1 52	22 48	1 52	16 7	0 11	15 11	1 18	1 18	2 29	23 53	0 18	21 53	1 0	13 41	6 26	21 1	20 53	20 39		n.a.
S 14	23 14	14 21	2 53	25 17	1 55	22 32	1 51	16 20	0 10	15 8	1 18	1 19	2 30	23 52	0 18	21 53	1 0	13 41	6 26	21 1	20 52	20 40		n.a.
M15	23 19	18 5	1 39	25 26	1 57	22 16	1 49	16 34	0 10	15 4	1 18	1 20	2 30	23 52	0 18	21 54	1 0	13 41	6 26	21 1	20 52	20 40		n.a.
T 16	23 24	20 40	0 17	25 34	1 59	21 59	1 48	16 47	0 9	15 1	1 18	1 22	2 30	23 52	0 18	21 54	1 0	13 41	6 26	21 1	20 51	20 41		n.a.
W17	23 28	21 47	1n 6	25 40	2 1	21 41	1 46	17 0	0 8	14 57	1 18	1 23	2 30	23 52	0 18	21 54	1 0	13 41	6 25	21 1	20 51	20 41		n.a.
T 18	23 31	21 19	2 25	25 44	2 2	21 22	1 44	17 13	0 8	14 54	1 18	1 24	2 31	23 52	0 18	21 55	1 0	13 41	6 25	21 1	20 50	20 42		n.a.
F 19	23 35	19 21	3 32	25 46	2 3	21 3	1 43	17 26	0 7	14 50	1 17	1 25	2 31	23 52	0 18	21 55	1 0	13 41	6 25	21 1	20 49	20 42		n.a.
S 20	23 37	16 9	4 24	25 47	2 3	20 44	1 41	17 39	0 6	14 46	1 17	1 26	2 31	23 52	0 18	21 55	1 0	13 40	6 25	21 0	20 49	20 43		n.a.
S 21	23 40	12 5	4 58	25 46	2 3	20 24	1 39	17 52	0 6	14 43	1 17	1 27	2 31	23 52	0 18	21 55	1 0	13 40	6 25	20 59	20 48	20 43		n.a.
M22	23 41	7 30	5 14	25 43	2 2	20 3	1 36	18 4	0 5	14 39	1 17	1 28	2 32	23 51	0 18	21 56	1 0	13 40	6 25	20 59	20 47	20 44		n.a.
T 23	23 43	2 44	5 12	25 38	2 1	19 42	1 34	18 17	0 4	14 35	1 17	1 29	2 32	23 51	0 18	21 56	1 0	13 40	6 25	20 58	20 47	20 44		n.a.
W24	23 44	2n 1	4 54	25 31	2 0	19 21	1 32	18 29	0 3	14 31	1 17	1 30	2 32	23 51	0 18	21 56	1 0	13 40	6 25	20 58	20 46	20 45		n.a.
T 25	23 44	6 33	4 23	25 22	1 58	18 59	1 29	18 41	0 3	14 27	1 16	1 31	2 32	23 51	0 18	21 56	1 0	13 40	6 24	20 58	20 45	20 45		n.a.
F 26	23 44	10 43	3 41	25 11	1 55	18 36	1 27	18 53	0 2	14 23	1 16	1 32	2 33	23 51	0 18	21 57	1 0	13 40	6 24	20 58	20 45	20 46		n.a.
S 27	23 43	14 24	2 49	24 59	1 51	18 13	1 24	19 4	0 1	14 19	1 16	1 33	2 33	23 51	0 18	21 57	1 0	13 40	6 24	20 59	20 44	20 46		n.a.
S 28	23 42	17 28	1 51	24 44	1 47	17 50	1 22	19 16	0 1	14 15	1 16	1 34	2 33	23 51	0 18	21 57	1 0	13 40	6 24	20 59	20 43	20 47		n.a.
M29	23 41	19 48	0 48	24 27	1 42	17 26	1 19	19 27	0s 0	14 11	1 16	1 35	2 33	23 51	0 18	21 57	1 0	13 40	6 24	20 59	20 43	20 47		n.a.
T 30	23 38	21 17	0s16	24 8	1 37	17 1	1 16	19 38	0 1	14 7	1 16	1 35	2 34	23 50	0 18	21 57	1 0	13 40	6 24	21 0	20 42	20 48		n.a.
W31	23s36	21n49	1s20	23s48	1s31	16s37	1s13	19s49	0s 2	14s 3	1s15	1s36	2n34	23n50	0n18	21s58	1n 0	13n40	6s24	20s59	20s42	20n48		n.a.

Julian Day Number = 1606338.5, Delta T = 03h56m01s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'19, Lahiri = - 8°18'18 Julian Calendar 1 Dec. 316 BCE == Greg. Calendar 26 Nov. 316 BCE

The year -315 astronomical counting style corresponds to year 316 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

JANUARY 315 BCE (-314) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 23 9	6♉53'11	29♊38	21♉ 7	19♒41	28♏ 1	26♒36	9♎54	22°R58	15♐45	27°R41	2°R49	1♐21	2♊29	n.a.	T 1
F 2	6 27 5	7°54'05	11♋43	22°46	20°51	28°45	26°48	9°56	22♊55	15°47	27♉41	2♐45	1°18	2°36	n.a.	F 2
S 3	6 31 2	8°54'57	23°58	24°24	22° 0	29°29	27° 0	9°58	22°53	15°49	27°40	2°39	1°14	2°43	n.a.	S 3
S 4	6 34 59	9°55'47	6♌23	25°59	23°10	0♐13	27°12	10° 0	22°50	15°52	27°39	2°32	1°11	2°49	n.a.	S 4
M 5	6 38 55	10°56'37	19° 0	27°31	24°19	0°57	27°24	10° 2	22°48	15°54	27°38	2°25	1° 8	2°56	n.a.	M 5
T 6	6 42 52	11°57'25	1♍49	29° 0	25°28	1°41	27°36	10° 4	22°45	15°56	27°37	2°18	1° 5	3° 3	n.a.	T 6
W 7	6 46 48	12°58'12	14°51	0♒25	26°37	2°26	27°48	10° 6	22°43	15°58	27°36	2°13	1° 2	3° 9	n.a.	W 7
T 8	6 50 45	13°58'58	28° 8	1°46	27°45	3°10	28° 0	10° 7	22°41	16° 0	27°36	2°10	0°58	3°16	n.a.	T 8
F 9	6 54 41	14°59'43	11♎41	3° 1	28°54	3°54	28°13	10° 9	22°38	16° 2	27°35	2°D 9	0°55	3°22	n.a.	F 9
S 10	6 58 38	16° 0'26	25°31	4°10	0♓ 2	4°38	28°25	10°10	22°36	16° 4	27°34	2° 9	0°52	3°29	n.a.	S 10
S 11	7 2 34	17° 1'09	9♏38	5°12	1°11	5°23	28°38	10°11	22°34	16° 6	27°33	2°10	0°49	3°36	n.a.	S 11
M12	7 6 31	18° 1'50	24° 2	6° 6	2°19	6° 7	28°50	10°12	22°31	16° 8	27°33	2°11	0°46	3°42	n.a.	M12
T 13	7 10 28	19° 2'30	8♐39	6°53	3°26	6°51	29° 3	10°13	22°29	16°10	27°32	2°R12	0°43	3°49	n.a.	T 13
W14	7 14 24	20° 3'09	23°27	7°30	4°34	7°36	29°16	10°14	22°27	16°12	27°31	2°10	0°39	3°56	n.a.	W14
T 15	7 18 21	21° 3'46	8♑17	7°58	5°41	8°20	29°29	10°15	22°25	16°14	27°31	2° 6	0°36	4° 2	n.a.	T 15
F 16	7 22 17	22° 4'22	23° 3	8°16	6°49	9° 5	29°41	10°16	22°22	16°16	27°30	1°59	0°33	4° 9	n.a.	F 16
S 17	7 26 14	23° 4'55	7♒37	8°R24	7°56	9°49	29°54	10°17	22°20	16°18	27°29	1°51	0°30	4°16	n.a.	S 17
S 18	7 30 10	24° 5'27	21°50	8°22	9° 2	10°34	0♓ 7	10°17	22°18	16°20	27°29	1°42	0°27	4°22	n.a.	S 18
M19	7 34 7	25° 5'58	5♓40	8° 9	10° 9	11°18	0°21	10°18	22°16	16°22	27°28	1°33	0°24	4°29	n.a.	M19
T 20	7 38 3	26° 6'26	19° 2	7°47	11°15	12° 3	0°34	10°18	22°14	16°24	27°28	1°26	0°20	4°36	n.a.	T 20
W21	7 42 0	27° 6'52	1♈58	7°15	12°21	12°47	0°47	10°18	22°12	16°25	27°27	1°21	0°17	4°42	n.a.	W21
T 22	7 45 57	28° 7'16	14°31	6°34	13°27	13°32	1° 0	10°18	22°10	16°27	27°27	1°18	0°14	4°49	n.a.	T 22
F 23	7 49 53	29° 7'38	26°44	5°46	14°33	14°16	1°14	10°R18	22° 8	16°29	27°26	1°D16	0°11	4°55	n.a.	F 23
S 24	7 53 50	0♒ 7'58	8♉44	4°51	15°38	15° 1	1°27	10°18	22° 6	16°31	27°26	1°17	0° 8	5° 2	n.a.	S 24
S 25	7 57 46	1° 8'16	20°34	3°52	16°43	15°46	1°40	10°18	22° 4	16°33	27°25	1°18	0° 4	5° 9	n.a.	S 25
M26	8 1 43	2° 8'32	2♊20	2°50	17°47	16°30	1°54	10°18	22° 2	16°34	27°25	1°R18	0° 1	5°15	n.a.	M26
T 27	8 5 39	3° 8'45	14° 8	1°45	18°52	17°15	2° 7	10°17	22° 1	16°36	27°24	1°17	29♏58	5°22	n.a.	T 27
W28	8 9 36	4° 8'57	26° 3	0°41	19°56	18° 0	2°21	10°17	21°59	16°38	27°24	1°14	29°55	5°29	n.a.	W28
T 29	8 13 32	5° 9'06	8♋ 6	29♉39	21° 0	18°45	2°35	10°16	21°57	16°39	27°23	1° 8	29°52	5°35	n.a.	T 29
F 30	8 17 29	6° 9'14	20°22	28°39	22° 3	19°29	2°48	10°16	21°56	16°41	27°23	1° 0	29°49	5°42	n.a.	F 30
S 31	8 21 26	7♒ 9'19	2♌52	27♉42	23♓ 6	20♐14	3♓ 2	10♎15	21♊54	16♐43	27♉23	0♐49	29♏45	5♊49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s33	21n23	2 s21	23 s26	1 s24	16 s12	1 s10	20 s 0	0 s 2	13 s59	1 s15	1 s37	2n34	23n50	0n18	21 s58	1n 0	13n39	6 s24	20 s59	20 s41	20n49			n.a.
F 2	23 30	19 57	3 16	23 2	1 16	15 46	1 6	20 11	0 3	13 54	1 15	1 37	2 34	23 50	0 18	21 58	1 0	13 39	6 23	20 58	20 40	20 49			n.a.
S 3	23 26	17 35	4 3	22 36	1 7	15 20	1 3	20 21	0 4	13 50	1 15	1 38	2 35	23 50	0 18	21 58	1 0	13 39	6 23	20 57	20 40	20 50			n.a.
S 4	23 21	14 24	4 39	22 9	0 58	14 54	1 0	20 31	0 5	13 46	1 15	1 38	2 35	23 50	0 18	21 59	1 0	13 39	6 23	20 55	20 39	20 50			n.a.
M 5	23 16	10 32	5 2	21 41	0 47	14 28	0 56	20 41	0 6	13 42	1 15	1 39	2 35	23 50	0 18	21 59	1 0	13 39	6 23	20 54	20 38	20 51			n.a.
T 6	23 11	6 8	5 10	21 12	0 36	14 1	0 53	20 51	0 6	13 37	1 15	1 39	2 35	23 50	0 18	21 59	1 0	13 39	6 23	20 53	20 38	20 51			n.a.
W 7	23 5	1 23	5 3	20 42	0 24	13 34	0 49	21 1	0 7	13 33	1 15	1 40	2 36	23 49	0 18	21 59	1 0	13 39	6 23	20 52	20 37	20 51			n.a.
T 8	22 59	3 s31	4 39	20 11	0 11	13 6	0 45	21 10	0 8	13 28	1 14	1 40	2 36	23 49	0 18	21 59	1 0	13 39	6 22	20 51	20 36	20 52			n.a.
F 9	22 53	8 21	4 0	19 41	0n 3	12 38	0 41	21 20	0 9	13 24	1 14	1 41	2 36	23 49	0 18	22 0	1 0	13 39	6 22	20 51	20 36	20 52			n.a.
S 10	22 46	12 51	3 6	19 10	0 17	12 10	0 37	21 29	0 9	13 19	1 14	1 41	2 36	23 49	0 18	22 0	1 0	13 39	6 22	20 51	20 35	20 53			n.a.
S 11	22 38	16 45	1 59	18 41	0 32	11 42	0 33	21 38	0 10	13 15	1 14	1 41	2 37	23 49	0 18	22 0	1 0	13 39	6 22	20 51	20 34	20 53			n.a.
M12	22 30	19 43	0 44	18 12	0 48	11 14	0 29	21 46	0 11	13 10	1 14	1 41	2 37	23 49	0 18	22 0	1 0	13 39	6 22	20 51	20 34	20 53			n.a.
T 13	22 22	21 26	0n35	17 44	1 4	10 45	0 25	21 55	0 12	13 6	1 14	1 41	2 37	23 49	0 18	22 0	1 0	13 39	6 22	20 51	20 33	20 54			n.a.
W14	22 13	21 42	1 52	17 19	1 21	10 16	0 20	22 3	0 13	13 1	1 14	1 42	2 38	23 49	0 18	22 1	1 0	13 39	6 21	20 51	20 32	20 54			n.a.
T 15	22 4	20 26	3 2	16 55	1 38	9 47	0 16	22 11	0 13	12 56	1 14	1 42	2 38	23 48	0 18	22 1	1 0	13 39	6 21	20 50	20 32	20 55			n.a.
F 16	21 54	17 48	3 59	16 34	1 55	9 18	0 12	22 19	0 14	12 52	1 13	1 42	2 38	23 48	0 18	22 1	1 0	13 39	6 21	20 49	20 31	20 55			n.a.
S 17	21 44	14 5	4 40	16 16	2 11	8 48	0 7	22 27	0 15	12 47	1 13	1 42	2 38	23 48	0 18	22 1	1 0	13 39	6 21	20 47	20 30	20 55			n.a.
S 18	21 33	9 38	5 2	16 1	2 27	8 19	0 2	22 34	0 16	12 42	1 13	1 42	2 39	23 48	0 18	22 1	1 0	13 39	6 21	20 45	20 30	20 56			n.a.
M19	21 22	4 49	5 6	15 50	2 43	7 49	0n 2	22 41	0 17	12 38	1 13	1 42	2 39	23 48	0 18	22 2	1 0	13 39	6 21	20 44	20 29	20 56			n.a.
T 20	21 11	0n 5	4 53	15 42	2 57	7 19	0 7	22 48	0 18	12 33	1 13	1 41	2 39	23 48	0 18	22 2	1 0	13 39	6 20	20 42	20 28	20 56			n.a.
W21	20 59	4 50	4 24	15 37	3 10	6 49	0 12	22 55	0 18	12 28	1 13	1 41	2 39	23 48	0 18	22 2	1 0	13 39	6 20	20 41	20 28	20 57			n.a.
T 22	20 47	9 14	3 44	15 36	3 22	6 19	0 17	23 1	0 19	12 23	1 13	1 41	2 40	23 48	0 18	22 2	1 0	13 39	6 20	20 40	20 27	20 57			n.a.
F 23	20 35	13 8	2 55	15 38	3 32	5 49	0 22	23 7	0 20	12 18	1 13	1 41	2 40	23 47	0 18	22 2	1 0	13 40	6 20	20 40	20 26	20 58			n.a.
S 24	20 22	16 27	1 58	15 43	3 40	5 19	0 27	23 13	0 21	12 13	1 13	1 41	2 40	23 47	0 18	22 3	1 0	13 40	6 20	20 40	20 26	20 58			n.a.
S 25	20 9	19 2	0 57	15 52	3 46	4 49	0 33	23 19	0 22	12 8	1 13	1 40	2 40	23 47	0 18	22 3	1 0	13 40	6 20	20 40	20 25	20 58			n.a.
M26	19 55	20 48	0 s 6	16 2	3 50	4 18	0 38	23 25	0 23	12 3	1 13	1 40	2 41	23 47	0 18	22 3	1 0	13 40	6 19	20 40	20 24	20 59			n.a.
T 27	19 42	21 39	1 8	16 15	3 51	3 48	0 43	23 30	0 23	11 58	1 12	1 40	2 41	23 47	0 18	22 3	1 0	13 40	6 19	20 40	20 23	20 59			n.a.
W28	19 27	21 32	2 8	16 30	3 51	3 18	0 48	23 35	0 24	11 53	1 12	1 39	2 41	23 47	0 18	22 3	1 0	13 40	6 19	20 39	20 23	20 59			n.a.
T 29	19 13	20 26	3 3	16 46	3 48	2 47	0 54	23 40	0 25	11 48	1 12	1 39	2 41	23 47	0 18	22 3	1 0	13 40	6 19	20 38	20 22	21 0			n.a.
F 30	18 58	18 22	3 51	17 3	3 43	2 17	0 59	23 45	0 26	11 43	1 12	1 38	2 42	23 47	0 18	22 3	1 0	13 40	6 19	20 37	20 21	21 0			n.a.
S 31	18 s43	15n25	4 s28	17 s20	3n36	1 s47	1n 5	23 s49	0 s27	11 s38	1 s12	1 s38	2n42	23n47	0n18	22 s 4	1n 0	13n40	6 s18	20 s34	20 s21	21n 0			n.a.

Julian Day Number = 1606369.5, Delta T = 03h56m00s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'14, Lahiri = - 8°18'14 Julian Calendar 1 Jan. 315 BCE == Greg. Calendar 27 Dec. 316 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

FEBRUARY 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 22	8♒ 9'23	15♌35	26°R51	24♓ 9	20♐59	3♓16	10°R14	21°R52	16♐44	27°R22	0°R37	29♏42	5♊55	n.a.	S 1
M 2	8 29 19	9° 9'24	28°33	26♉ 6	25°11	21°44	3°30	10♎13	21♊51	16°46	27♑22	0♐25	29°39	6° 2	n.a.	M 2
T 3	8 33 15	10° 9'23	11♍43	25°26	26°13	22°29	3°43	10°12	21°49	16°47	27°22	0°14	29°36	6° 9	n.a.	T 3
W 4	8 37 12	11° 9'21	25° 5	24°54	27°15	23°14	3°57	10°11	21°48	16°49	27°22	0° 4	29°33	6°15	n.a.	W 4
T 5	8 41 8	12° 9'16	8♎37	24°28	28°16	23°59	4°11	10° 9	21°46	16°50	27°21	29♏58	29°29	6°22	n.a.	T 5
F 6	8 45 5	13° 9'10	22°19	24° 8	29°17	24°44	4°25	10° 8	21°45	16°52	27°21	29°54	29°26	6°29	n.a.	F 6
S 7	8 49 1	14° 9'03	6♏10	23°56	0♈18	25°29	4°39	10° 7	21°44	16°53	27°21	29°52	29°23	6°35	n.a.	S 7
S 8	8 52 58	15° 8'53	20°10	23°D50	1°18	26°14	4°53	10° 5	21°43	16°55	27°21	29°D52	29°20	6°42	n.a.	S 8
M 9	8 56 54	16° 8'42	4♐18	23°50	2°17	26°59	5° 7	10° 3	21°41	16°56	27°21	29°R52	29°17	6°48	n.a.	M 9
T 10	9 0 51	17° 8'29	18°35	23°56	3°16	27°44	5°21	10° 2	21°40	16°57	27°21	29°51	29°14	6°55	n.a.	T 10
W11	9 4 48	18° 8'14	2♑57	24° 8	4°15	28°29	5°35	10° 0	21°39	16°59	27°21	29°48	29°10	7° 2	n.a.	W11
T 12	9 8 44	19° 7'57	17°22	24°26	5°13	29°14	5°50	9°58	21°38	17° 0	27°21	29°41	29° 7	7° 8	n.a.	T 12
F 13	9 12 41	20° 7'39	1♒43	24°48	6°11	29°59	6° 4	9°56	21°37	17° 1	27°21	29°32	29° 4	7°15	n.a.	F 13
S 14	9 16 37	21° 7'18	15°56	25°16	7° 8	0♑44	6°18	9°54	21°36	17° 3	27°D21	29°21	29° 1	7°22	n.a.	S 14
S 15	9 20 34	22° 6'55	29°55	25°48	8° 5	1°29	6°32	9°51	21°35	17° 4	27°21	29° 9	28°58	7°28	n.a.	S 15
M16	9 24 30	23° 6'30	13♓35	26°24	9° 1	2°14	6°47	9°49	21°34	17° 5	27°21	28°56	28°55	7°35	n.a.	M16
T 17	9 28 27	24° 6'03	26°53	27° 4	9°57	2°59	7° 1	9°47	21°33	17° 6	27°21	28°45	28°51	7°42	n.a.	T 17
W18	9 32 23	25° 5'33	9♈48	27°48	10°52	3°44	7°15	9°44	21°33	17° 7	27°21	28°37	28°48	7°48	n.a.	W18
T 19	9 36 20	26° 5'01	22°21	28°36	11°46	4°29	7°29	9°42	21°32	17° 8	27°21	28°31	28°45	7°55	n.a.	T 19
F 20	9 40 17	27° 4'27	4♉36	29°27	12°40	5°15	7°44	9°39	21°31	17°10	27°21	28°27	28°42	8° 2	n.a.	F 20
S 21	9 44 13	28° 3'50	16°37	0♒21	13°33	6° 0	7°58	9°36	21°31	17°11	27°21	28°26	28°39	8° 8	n.a.	S 21
S 22	9 48 10	29° 3'11	28°28	1°18	14°25	6°45	8°12	9°33	21°30	17°12	27°21	28°26	28°35	8°15	n.a.	S 22
M23	9 52 6	0♓ 2'29	10♊16	2°18	15°17	7°30	8°27	9°31	21°29	17°13	27°22	28°25	28°32	8°22	n.a.	M23
T 24	9 56 3	1° 1'45	22° 6	3°21	16° 8	8°15	8°41	9°28	21°29	17°13	27°22	28°24	28°29	8°28	n.a.	T 24
W25	9 59 59	2° 0'59	4♋ 3	4°26	16°58	9° 0	8°56	9°25	21°29	17°14	27°22	28°21	28°26	8°35	n.a.	W25
T 26	10 3 56	3° 0'10	16°11	5°33	17°48	9°46	9°10	9°21	21°28	17°15	27°22	28°15	28°23	8°41	n.a.	T 26
F 27	10 7 52	3°59'19	28°35	6°43	18°36	10°31	9°24	9°18	21°28	17°16	27°23	28° 7	28°20	8°48	n.a.	F 27
S 28	10 11 49	4♓58'26	11♌17	7♒55	19♈24	11♑16	9♓39	9♎15	21♊28	17♐17	27♑23	27♏56	28♏16	8♊55	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
S 1	18s27	11n43	4s52	17s38	3n28	1s16	1n11	23s53	0s28	11s33	1s12	1s37	2n42	23n46	0n18	22s 4	1n 0	13n40	6s18	20s32	20s20	21n 0			n.a.	S 1
M 2	18 11	7 24	5 2	17 56	3 19	0 46	1 16	23 57	0 29	11 28	1 12	1 36	2 42	23 46	0 18	22 4	1 0	13 41	6 18	20 29	20 19	21 1			n.a.	M 2
T 3	17 55	2 41	4 56	18 14	3 8	0 16	1 22	24 0	0 29	11 23	1 12	1 36	2 43	23 46	0 18	22 4	1 0	13 41	6 18	20 27	20 19	21 1			n.a.	T 3
W 4	17 38	2s13	4 34	18 31	2 56	0n14	1 28	24 4	0 30	11 18	1 12	1 35	2 43	23 46	0 18	22 4	1 0	13 41	6 18	20 25	20 18	21 1			n.a.	W 4
T 5	17 22	7 5	3 57	18 48	2 44	0 44	1 34	24 7	0 31	11 12	1 12	1 34	2 43	23 46	0 18	22 4	1 0	13 41	6 18	20 23	20 17	21 2			n.a.	T 5
F 6	17 4	11 39	3 5	19 4	2 31	1 14	1 40	24 10	0 32	11 7	1 12	1 34	2 43	23 46	0 18	22 4	1 0	13 41	6 17	20 23	20 17	21 2			n.a.	F 6
S 7	16 47	15 40	2 2	19 19	2 18	1 44	1 46	24 12	0 33	11 2	1 12	1 33	2 44	23 46	0 18	22 5	1 0	13 41	6 17	20 22	20 16	21 2			n.a.	S 7
S 8	16 29	18 49	0 51	19 34	2 4	2 14	1 52	24 15	0 34	10 57	1 12	1 32	2 44	23 46	0 18	22 5	1 0	13 41	6 17	20 22	20 15	21 2			n.a.	S 8
M 9	16 11	20 53	0n24	19 47	1 51	2 43	1 58	24 17	0 35	10 51	1 12	1 31	2 44	23 46	0 18	22 5	1 0	13 42	6 17	20 22	20 15	21 3			n.a.	M 9
T 10	15 53	21 37	1 38	19 59	1 37	3 12	2 4	24 18	0 36	10 46	1 12	1 30	2 44	23 46	0 18	22 5	1 0	13 42	6 17	20 22	20 14	21 3			n.a.	T 10
W11	15 35	20 56	2 46	20 10	1 24	3 42	2 10	24 20	0 37	10 41	1 12	1 29	2 45	23 46	0 18	22 5	1 0	13 42	6 16	20 21	20 13	21 3			n.a.	W11
T 12	15 16	18 54	3 43	20 21	1 10	4 11	2 16	24 21	0 37	10 35	1 11	1 28	2 45	23 46	0 18	22 5	1 0	13 42	6 16	20 20	20 12	21 4			n.a.	T 12
F 13	14 57	15 41	4 27	20 29	0 57	4 39	2 22	24 22	0 38	10 30	1 11	1 27	2 45	23 45	0 18	22 5	1 0	13 42	6 16	20 18	20 12	21 4			n.a.	F 13
S 14	14 38	11 36	4 53	20 37	0 44	5 8	2 28	24 23	0 39	10 25	1 11	1 26	2 45	23 45	0 18	22 5	1 1	13 42	6 16	20 15	20 11	21 4			n.a.	S 14
S 15	14 18	6 57	5 1	20 43	0 32	5 36	2 35	24 24	0 40	10 19	1 11	1 25	2 46	23 45	0 18	22 5	1 1	13 43	6 16	20 13	20 10	21 4			n.a.	S 15
M16	13 59	2 3	4 51	20 49	0 20	6 5	2 41	24 24	0 41	10 14	1 11	1 24	2 46	23 45	0 18	22 6	1 1	13 43	6 15	20 10	20 10	21 4			n.a.	M16
T 17	13 39	2n48	4 26	20 52	0 8	6 33	2 47	24 24	0 42	10 9	1 11	1 23	2 46	23 45	0 18	22 6	1 1	13 43	6 15	20 8	20 9	21 5			n.a.	T 17
W18	13 19	7 24	3 47	20 55	0s 4	7 0	2 54	24 24	0 43	10 3	1 11	1 22	2 46	23 45	0 18	22 6	1 1	13 43	6 15	20 6	20 8	21 5			n.a.	W18
T 19	12 59	11 34	2 59	20 56	0 15	7 28	3 0	24 23	0 44	9 58	1 11	1 20	2 46	23 45	0 18	22 6	1 1	13 43	6 15	20 4	20 8	21 5			n.a.	T 19
F 20	12 38	15 8	2 3	20 56	0 25	7 55	3 6	24 22	0 45	9 52	1 11	1 19	2 47	23 45	0 18	22 6	1 1	13 44	6 15	20 4	20 7	21 5			n.a.	F 20
S 21	12 18	18 0	1 2	20 54	0 36	8 21	3 12	24 21	0 46	9 47	1 11	1 18	2 47	23 45	0 18	22 6	1 1	13 44	6 14	20 3	20 6	21 6			n.a.	S 21
S 22	11 57	20 4	0s 0	20 51	0 45	8 48	3 19	24 20	0 47	9 41	1 11	1 17	2 47	23 45	0 18	22 6	1 1	13 44	6 14	20 3	20 5	21 6			n.a.	S 22
M23	11 36	21 14	1 2	20 46	0 55	9 14	3 25	24 18	0 47	9 36	1 11	1 15	2 47	23 45	0 18	22 6	1 1	13 44	6 14	20 3	20 5	21 6			n.a.	M23
T 24	11 14	21 28	2 2	20 41	1 4	9 40	3 31	24 17	0 48	9 31	1 11	1 14	2 47	23 45	0 18	22 6	1 1	13 45	6 14	20 3	20 4	21 6			n.a.	T 24
W25	10 53	20 44	2 57	20 33	1 12	10 5	3 38	24 14	0 49	9 25	1 11	1 13	2 48	23 45	0 18	22 6	1 1	13 45	6 14	20 2	20 3	21 6			n.a.	W25
T 26	10 32	19 2	3 44	20 24	1 20	10 30	3 44	24 12	0 50	9 20	1 11	1 11	2 48	23 45	0 18	22 6	1 1	13 45	6 13	20 1	20 3	21 7			n.a.	T 26
F 27	10 10	16 25	4 22	20 14	1 27	10 55	3 50	24 10	0 51	9 14	1 11	1 10	2 48	23 45	0 18	22 6	1 1	13 45	6 13	19 59	20 2	21 7			n.a.	F 27
S 28	9s48	12n59	4s48	20s 2	1s35	11n19	3n57	24s 7	0s52	9s 9	1s11	1s 8	2n48	23n45	0n18	22s 6	1n 1	13n46	6s13	19s56	20s 1	21n 7			n.a.	S 28

Julian Day Number = 1606400.5, Delta T = 03h55m59s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'10, Lahiri = - 8°18'10 Julian Calendar 1 Feb. 315 BCE == Greg. Calendar 27 Jan. 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

MARCH 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 15 46	5♓57'30	24♌18	9♒ 9	20♈11	12♑ 1	9♓53	9°R12	21°R28	17♐18	27♉23	27°R43	28♏13	9♊ 1	n.a.	S 1
M 2	10 19 42	6°56'32	7♍36	10°25	20°57	12°46	10° 8	9♎ 8	21♊27	17°19	27°24	27♏31	28°10	9° 8	n.a.	M 2
T 3	10 23 39	7°55'32	21°10	11°43	21°42	13°32	10°22	9° 5	21°27	17°19	27°24	27°19	28° 7	9°15	n.a.	T 3
W 4	10 27 35	8°54'30	4♎57	13° 2	22°26	14°17	10°36	9° 1	21°D27	17°20	27°24	27° 9	28° 4	9°21	n.a.	W 4
T 5	10 31 32	9°53'26	18°53	14°24	23° 9	15° 2	10°51	8°58	21°27	17°21	27°25	27° 1	28° 1	9°28	n.a.	T 5
F 6	10 35 28	10°52'20	2♏56	15°48	23°51	15°47	11° 5	8°54	21°27	17°21	27°25	26°57	27°57	9°35	n.a.	F 6
S 7	10 39 25	11°51'12	17° 1	17°13	24°32	16°33	11°20	8°50	21°27	17°22	27°26	26°55	27°54	9°41	n.a.	S 7
S 8	10 43 21	12°50'02	1♐ 8	18°40	25°12	17°18	11°34	8°47	21°28	17°22	27°26	26°D55	27°51	9°48	n.a.	S 8
M 9	10 47 18	13°48'51	15°15	20° 8	25°50	18° 3	11°49	8°43	21°28	17°23	27°27	26°R55	27°48	9°55	n.a.	M 9
T 10	10 51 14	14°47'37	29°21	21°39	26°27	18°48	12° 3	8°39	21°28	17°23	27°27	26°54	27°45	10° 1	n.a.	T 10
W11	10 55 11	15°46'22	13♑25	23°10	27° 4	19°34	12°18	8°35	21°29	17°24	27°28	26°52	27°41	10° 8	n.a.	W11
T 12	10 59 8	16°45'06	27°26	24°44	27°38	20°19	12°32	8°31	21°29	17°24	27°28	26°46	27°38	10°15	n.a.	T 12
F 13	11 3 4	17°43'47	11♒21	26°19	28°12	21° 4	12°46	8°27	21°29	17°25	27°29	26°39	27°35	10°21	n.a.	F 13
S 14	11 7 1	18°42'26	25° 8	27°56	28°44	21°50	13° 1	8°23	21°30	17°25	27°29	26°29	27°32	10°28	n.a.	S 14
S 15	11 10 57	19°41'04	8♓42	29°34	29°14	22°35	13°15	8°19	21°30	17°25	27°30	26°17	27°29	10°34	n.a.	S 15
M16	11 14 54	20°39'39	22° 1	1♈14	29°43	23°20	13°29	8°15	21°31	17°26	27°31	26° 6	27°26	10°41	n.a.	M16
T 17	11 18 50	21°38'12	5♈ 4	2°56	0♉11	24° 5	13°44	8°10	21°32	17°26	27°31	25°56	27°22	10°48	n.a.	T 17
W18	11 22 47	22°36'44	17°48	4°39	0°36	24°50	13°58	8° 6	21°32	17°26	27°32	25°48	27°19	10°54	n.a.	W18
T 19	11 26 43	23°35'13	0♉16	6°24	1° 1	25°36	14°13	8° 2	21°33	17°26	27°33	25°43	27°16	11° 1	n.a.	T 19
F 20	11 30 40	24°33'40	12°27	8°10	1°23	26°21	14°27	7°58	21°34	17°27	27°34	25°40	27°13	11° 8	n.a.	F 20
S 21	11 34 36	25°32'05	24°27	9°58	1°43	27° 6	14°41	7°53	21°35	17°27	27°34	25°D39	27°10	11°14	n.a.	S 21
S 22	11 38 33	26°30'27	6♊18	11°48	2° 2	27°51	14°55	7°49	21°36	17°27	27°35	25°39	27° 6	11°21	n.a.	S 22
M23	11 42 30	27°28'48	18° 7	13°39	2°19	28°36	15°10	7°45	21°37	17°27	27°36	25°40	27° 3	11°28	n.a.	M23
T 24	11 46 26	28°27'06	29°57	15°32	2°33	29°22	15°24	7°40	21°38	17°27	27°37	25°R40	27° 0	11°34	n.a.	T 24
W25	11 50 23	29°25'23	11♋55	17°27	2°46	0♒ 7	15°38	7°36	21°39	17°R27	27°38	25°39	26°57	11°41	n.a.	W25
T 26	11 54 19	0♈23'37	24° 5	19°23	2°56	0°52	15°52	7°31	21°40	17°27	27°38	25°37	26°54	11°48	n.a.	T 26
F 27	11 58 16	1°21'49	6♌33	21°21	3° 4	1°37	16° 6	7°27	21°41	17°27	27°39	25°32	26°51	11°54	n.a.	F 27
S 28	12 2 12	2°19'58	19°21	23°21	3°10	2°22	16°21	7°22	21°42	17°27	27°40	25°25	26°47	12° 1	n.a.	S 28
S 29	12 6 9	3°18'06	2♍31	25°22	3°14	3° 7	16°35	7°18	21°44	17°27	27°41	25°17	26°44	12° 8	n.a.	S 29
M30	12 10 5	4°16'12	16° 4	27°24	3°R15	3°52	16°49	7°13	21°45	17°27	27°42	25° 8	26°41	12°14	n.a.	M30
T 31	12 14 2	5♈14'16	29♍57	29♓28	3♉14	4♒37	17♓ 3	7♎ 9	21♊46	17♐26	27♉43	25♏ 0	26♏38	12♊21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	9s26	8n52	5s 0	19s49	1s41	11n43	4n 3	24s 4	0s53	9s 3	1s11	1s 7	2n48	23n45	0n18	22s 6	1n 1	13n46	6s13	19s54	20s 0	21n 7			n.a.	S 1
M 2	9 4	4 15	4 56	19 34	1 47	12 6	4 9	24 0	0 54	8 57	1 11	1 5	2 48	23 45	0 18	22 7	1 1	13 46	6 13	19 51	20 0	21 7			n.a.	M 2
T 3	8 42	0s40	4 35	19 17	1 53	12 29	4 15	23 57	0 55	8 52	1 11	1 4	2 49	23 45	0 18	22 7	1 1	13 46	6 12	19 48	19 59	21 7			n.a.	T 3
W 4	8 20	5 38	3 58	18 59	1 58	12 52	4 21	23 53	0 56	8 46	1 11	1 2	2 49	23 45	0 18	22 7	1 1	13 47	6 12	19 46	19 58	21 8			n.a.	W 4
T 5	7 57	10 22	3 7	18 40	2 3	13 14	4 27	23 49	0 57	8 41	1 11	1 1	2 49	23 45	0 18	22 7	1 1	13 47	6 12	19 44	19 58	21 8			n.a.	T 5
F 6	7 35	14 34	2 4	18 19	2 7	13 35	4 33	23 44	0 58	8 35	1 11	0 59	2 49	23 45	0 18	22 7	1 1	13 47	6 12	19 43	19 57	21 8			n.a.	F 6
S 7	7 12	17 57	0 52	17 56	2 11	13 56	4 39	23 40	0 58	8 30	1 11	0 57	2 49	23 45	0 18	22 7	1 1	13 47	6 12	19 42	19 56	21 8			n.a.	S 7
S 8	6 49	20 16	0n22	17 32	2 14	14 16	4 45	23 35	0 59	8 24	1 11	0 56	2 49	23 45	0 18	22 7	1 1	13 48	6 12	19 42	19 55	21 8			n.a.	S 8
M 9	6 26	21 19	1 36	17 6	2 17	14 36	4 51	23 30	1 0	8 19	1 11	0 54	2 50	23 45	0 18	22 7	1 1	13 48	6 11	19 42	19 55	21 8			n.a.	M 9
T 10	6 4	21 1	2 43	16 39	2 19	14 55	4 57	23 24	1 1	8 13	1 11	0 53	2 50	23 45	0 18	22 7	1 1	13 48	6 11	19 42	19 54	21 8			n.a.	T 10
W11	5 41	19 23	3 41	16 10	2 21	15 14	5 2	23 19	1 2	8 8	1 11	0 51	2 50	23 45	0 18	22 7	1 1	13 49	6 11	19 42	19 53	21 9			n.a.	W11
T 12	5 18	16 37	4 24	15 40	2 22	15 32	5 8	23 13	1 3	8 2	1 11	0 49	2 50	23 45	0 18	22 7	1 1	13 49	6 11	19 40	19 52	21 9			n.a.	T 12
F 13	4 54	12 54	4 52	15 8	2 23	15 49	5 13	23 7	1 4	7 56	1 11	0 47	2 50	23 45	0 18	22 7	1 1	13 49	6 11	19 39	19 52	21 9			n.a.	F 13
S 14	4 31	8 33	5 3	14 34	2 23	16 6	5 18	23 0	1 5	7 51	1 11	0 46	2 50	23 45	0 18	22 7	1 1	13 50	6 10	19 36	19 51	21 9			n.a.	S 14
S 15	4 8	3 51	4 56	13 59	2 23	16 22	5 24	22 54	1 6	7 45	1 11	0 44	2 50	23 45	0 18	22 7	1 1	13 50	6 10	19 34	19 50	21 9			n.a.	S 15
M16	3 45	0n58	4 33	13 22	2 22	16 37	5 29	22 47	1 7	7 40	1 11	0 42	2 50	23 45	0 18	22 7	1 1	13 50	6 10	19 31	19 50	21 9			n.a.	M16
T 17	3 21	5 38	3 56	12 44	2 21	16 51	5 33	22 40	1 8	7 34	1 11	0 41	2 50	23 45	0 17	22 7	1 1	13 51	6 10	19 29	19 49	21 9			n.a.	T 17
W18	2 58	9 57	3 8	12 4	2 19	17 5	5 38	22 33	1 9	7 29	1 11	0 39	2 51	23 45	0 17	22 7	1 1	13 51	6 10	19 27	19 48	21 9			n.a.	W18
T 19	2 35	13 45	2 11	11 23	2 16	17 18	5 42	22 25	1 9	7 23	1 11	0 37	2 51	23 45	0 17	22 7	1 1	13 51	6 10	19 25	19 47	21 9			n.a.	T 19
F 20	2 11	16 52	1 10	10 40	2 13	17 30	5 47	22 17	1 10	7 17	1 11	0 35	2 51	23 45	0 17	22 7	1 1	13 52	6 9	19 25	19 47	21 9			n.a.	F 20
S 21	1 48	19 13	0 6	9 55	2 10	17 41	5 51	22 10	1 11	7 12	1 11	0 33	2 51	23 45	0 17	22 7	1 1	13 52	6 9	19 24	19 46	21 9			n.a.	S 21
S 22	1 24	20 41	0s57	9 10	2 6	17 51	5 55	22 1	1 12	7 6	1 12	0 32	2 51	23 45	0 17	22 7	1 1	13 52	6 9	19 24	19 45	21 10			n.a.	S 22
M23	1 1	21 14	1 58	8 22	2 2	18 1	5 58	21 53	1 13	7 1	1 12	0 30	2 51	23 45	0 17	22 7	1 1	13 53	6 9	19 25	19 44	21 10			n.a.	M23
T 24	0 37	20 51	2 53	7 33	1 57	18 9	6 2	21 44	1 14	6 55	1 12	0 28	2 51	23 45	0 17	22 7	1 1	13 53	6 9	19 25	19 44	21 10			n.a.	T 24
W25	0 14	19 30	3 42	6 43	1 51	18 16	6 5	21 36	1 15	6 50	1 12	0 26	2 51	23 45	0 17	22 7	1 1	13 53	6 9	19 25	19 43	21 10			n.a.	W25
T 26	0n 9	17 15	4 22	5 51	1 45	18 22	6 7	21 27	1 16	6 44	1 12	0 24	2 51	23 45	0 17	22 7	1 1	13 54	6 8	19 24	19 42	21 10			n.a.	T 26
F 27	0 33	14 11	4 50	4 58	1 38	18 27	6 10	21 17	1 17	6 39	1 12	0 23	2 51	23 45	0 17	22 7	1 1	13 54	6 8	19 23	19 41	21 10			n.a.	F 27
S 28	0 56	10 22	5 5	4 4	1 31	18 31	6 12	21 8	1 18	6 33	1 12	0 21	2 51	23 46	0 17	22 7	1 1	13 54	6 8	19 21	19 41	21 10			n.a.	S 28
S 29	1 20	5 59	5 4	3 8	1 24	18 34	6 13	20 58	1 18	6 28	1 12	0 19	2 51	23 46	0 17	22 7	1 1	13 55	6 8	19 19	19 40	21 10			n.a.	S 29
M30	1 43	1 10	4 47	2 12	1 16	18 36	6 14	20 48	1 19	6 22	1 12	0 17	2 51	23 46	0 17	22 7	1 2	13 55	6 8	19 17	19 39	21 10			n.a.	M30
T 31	2n 6	3s49	4s12	1s14	1s 7	18n36	6n15	20s38	1s20	6s17	1s12	0s15	2n51	23n46	0n17	22s 7	1n 2	13n55	6s 8	19s15	19s38	21n10			n.a.	T 31

Julian Day Number = 1606428.5, Delta T = 03h55m58s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'06, Lahiri = - 8°18'06 Julian Calendar 1 March 315 BCE == Greg. Calendar 24 Feb. 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

APRIL 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 17 59	6♈12'17	14♎ 7	1♈34	3°R11	5♒22	17♓17	7°R 5	21♊48	17°R26	27♉44	24°R53	26♏35	12♊28	n.a.	W 1
T 2	12 21 55	7°10'18	28°29	3°40	3♉ 5	6° 7	17°31	7♎ 0	21°49	17♐26	27°45	24♏49	26°32	12°34	n.a.	T 2
F 3	12 25 52	8° 8'16	12♏57	5°48	2°56	6°52	17°45	6°56	21°51	17°26	27°46	24°46	26°28	12°41	n.a.	F 3
S 4	12 29 48	9° 6'14	27°26	7°56	2°45	7°37	17°59	6°51	21°52	17°25	27°47	24°D46	26°25	12°47	n.a.	S 4
S 5	12 33 45	10° 4'10	11♐51	10° 5	2°32	8°22	18°13	6°47	21°54	17°25	27°48	24°46	26°22	12°54	n.a.	S 5
M 6	12 37 41	11° 2'04	26° 9	12°15	2°16	9° 7	18°26	6°42	21°56	17°25	27°49	24°48	26°19	13° 1	n.a.	M 6
T 7	12 41 38	11°59'57	10♑17	14°25	1°58	9°52	18°40	6°38	21°57	17°24	27°50	24°R48	26°16	13° 7	n.a.	T 7
W 8	12 45 34	12°57'49	24°16	16°36	1°38	10°37	18°54	6°33	21°59	17°24	27°51	24°48	26°12	13°14	n.a.	W 8
T 9	12 49 31	13°55'39	8♒ 3	18°45	1°16	11°22	19° 8	6°29	22° 1	17°23	27°52	24°46	26° 9	13°21	n.a.	T 9
F 10	12 53 28	14°53'28	21°38	20°55	0°51	12° 6	19°21	6°24	22° 3	17°23	27°53	24°41	26° 6	13°27	n.a.	F 10
S 11	12 57 24	15°51'16	5♓ 0	23° 3	0°24	12°51	19°35	6°20	22° 5	17°22	27°54	24°36	26° 3	13°34	n.a.	S 11
S 12	13 1 21	16°49'02	18°10	25°11	29♈55	13°36	19°49	6°15	22° 7	17°22	27°55	24°30	26° 0	13°41	n.a.	S 12
M13	13 5 17	17°46'47	1♈ 6	27°17	29°25	14°21	20° 2	6°11	22° 9	17°21	27°57	24°24	25°57	13°47	n.a.	M13
T 14	13 9 14	18°44'31	13°48	29°21	28°53	15° 5	20°16	6° 7	22°11	17°20	27°58	24°18	25°53	13°54	n.a.	T 14
W15	13 13 10	19°42'13	26°17	1♉24	28°19	15°50	20°29	6° 2	22°13	17°20	27°59	24°14	25°50	14° 1	n.a.	W15
T 16	13 17 7	20°39'54	8♉32	3°24	27°44	16°35	20°43	5°58	22°15	17°19	28° 0	24°11	25°47	14° 7	n.a.	T 16
F 17	13 21 3	21°37'33	20°37	5°22	27° 8	17°19	20°56	5°54	22°17	17°18	28° 1	24°D10	25°44	14°14	n.a.	F 17
S 18	13 25 0	22°35'11	2♊32	7°18	26°32	18° 4	21° 9	5°50	22°19	17°18	28° 2	24°10	25°41	14°21	n.a.	S 18
S 19	13 28 56	23°32'47	14°22	9°11	25°54	18°48	21°23	5°45	22°22	17°17	28° 4	24°11	25°37	14°27	n.a.	S 19
M20	13 32 53	24°30'22	26°10	11° 1	25°16	19°33	21°36	5°41	22°24	17°16	28° 5	24°13	25°34	14°34	n.a.	M20
T 21	13 36 50	25°27'55	8♋ 0	12°49	24°39	20°17	21°49	5°37	22°26	17°15	28° 6	24°15	25°31	14°41	n.a.	T 21
W22	13 40 46	26°25'26	19°58	14°34	24° 1	21° 1	22° 2	5°33	22°29	17°14	28° 7	24°16	25°28	14°47	n.a.	W22
T 23	13 44 43	27°22'57	2♌ 8	16°15	23°23	21°46	22°15	5°29	22°31	17°14	28° 9	24°R16	25°25	14°54	n.a.	T 23
F 24	13 48 39	28°20'25	14°34	17°54	22°47	22°30	22°28	5°25	22°33	17°13	28°10	24°15	25°22	15° 1	n.a.	F 24
S 25	13 52 36	29°17'52	27°22	19°29	22°11	23°14	22°41	5°21	22°36	17°12	28°11	24°12	25°18	15° 7	n.a.	S 25
S 26	13 56 32	0♉15'18	10♍34	21° 2	21°36	23°58	22°54	5°17	22°38	17°11	28°12	24°10	25°15	15°14	n.a.	S 26
M27	14 0 29	1°12'42	24°11	22°31	21° 2	24°43	23° 7	5°14	22°41	17°10	28°14	24° 6	25°12	15°20	n.a.	M27
T 28	14 4 25	2°10'05	8♎13	23°57	20°30	25°27	23°19	5°10	22°43	17° 9	28°15	24° 3	25° 9	15°27	n.a.	T 28
W29	14 8 22	3° 7'27	22°37	25°20	19°59	26°11	23°32	5° 6	22°46	17° 8	28°16	24° 1	25° 6	15°34	n.a.	W29
T 30	14 12 19	4♉ 4'48	7♏17	26♉40	19♈30	26♒55	23♓45	5♎ 2	22♊49	17♐ 7	28♉18	23♏59	25♏ 3	15♊40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n30	8s43	3s21	0s15	0s58	18n35	6n16	20s28	1s21	6s11	1s12	0s14	2n51	23n46	0n17	22s 7	1n 2	13n56	6s 7	19s13	19s38	21n10		n.a.
T 2	2 53	13 12	2 17	0n44	0 49	18 33	6 15	20 18	1 22	6 6	1 12	0 12	2 51	23 46	0 17	22 6	1 2	13 56	6 7	19 12	19 37	21 10		n.a.
F 3	3 16	16 55	1 3	1 44	0 39	18 29	6 15	20 7	1 23	6 0	1 12	0 10	2 51	23 46	0 17	22 6	1 2	13 56	6 7	19 12	19 36	21 10		n.a.
S 4	3 39	19 35	0n14	2 45	0 29	18 24	6 14	19 56	1 24	5 55	1 12	0 8	2 51	23 46	0 17	22 6	1 2	13 57	6 7	19 11	19 35	21 10		n.a.
S 5	4 2	20 59	1 31	3 45	0 19	18 18	6 12	19 45	1 25	5 49	1 12	0 6	2 51	23 46	0 17	22 6	1 2	13 57	6 7	19 12	19 35	21 10		n.a.
M 6	4 25	20 59	2 42	4 46	0 8	18 10	6 9	19 34	1 25	5 44	1 12	0 5	2 51	23 46	0 17	22 6	1 2	13 58	6 7	19 12	19 34	21 10		n.a.
T 7	4 48	19 39	3 42	5 47	0n 2	18 1	6 6	19 23	1 26	5 39	1 12	0 3	2 51	23 46	0 17	22 6	1 2	13 58	6 6	19 12	19 33	21 10		n.a.
W 8	5 11	17 8	4 28	6 48	0 13	17 50	6 3	19 11	1 27	5 33	1 13	0 1	2 51	23 47	0 17	22 6	1 2	13 58	6 6	19 12	19 32	21 10		n.a.
T 9	5 34	13 42	4 57	7 48	0 24	17 38	5 59	18 59	1 28	5 28	1 13	0n 1	2 51	23 47	0 17	22 6	1 2	13 59	6 6	19 11	19 32	21 10		n.a.
F 10	5 56	9 35	5 10	8 47	0 34	17 25	5 54	18 48	1 29	5 22	1 13	0 2	2 51	23 47	0 17	22 6	1 2	13 59	6 6	19 10	19 31	21 10		n.a.
S 11	6 19	5 4	5 5	9 45	0 45	17 10	5 48	18 36	1 30	5 17	1 13	0 4	2 51	23 47	0 17	22 6	1 2	14 0	6 6	19 9	19 30	21 10		n.a.
S 12	6 41	0 23	4 44	10 43	0 55	16 54	5 42	18 23	1 31	5 12	1 13	0 6	2 51	23 47	0 17	22 6	1 2	14 0	6 6	19 8	19 29	21 10		n.a.
M13	7 4	4n15	4 9	11 38	1 5	16 36	5 35	18 11	1 31	5 7	1 13	0 7	2 51	23 47	0 17	22 6	1 2	14 0	6 6	19 6	19 29	21 10		n.a.
T 14	7 26	8 37	3 22	12 32	1 14	16 17	5 27	17 58	1 32	5 1	1 13	0 9	2 51	23 47	0 17	22 6	1 2	14 1	6 5	19 5	19 28	21 10		n.a.
W15	7 48	12 32	2 26	13 24	1 23	15 57	5 19	17 46	1 33	4 56	1 13	0 11	2 51	23 47	0 17	22 6	1 2	14 1	6 5	19 4	19 27	21 10		n.a.
T 16	8 10	15 51	1 24	14 14	1 32	15 36	5 9	17 33	1 34	4 51	1 13	0 12	2 51	23 47	0 17	22 6	1 2	14 1	6 5	19 3	19 26	21 10		n.a.
F 17	8 32	18 26	0 19	15 3	1 40	15 13	5 0	17 20	1 35	4 45	1 13	0 14	2 50	23 48	0 17	22 5	1 2	14 2	6 5	19 3	19 26	21 10		n.a.
S 18	8 54	20 10	0s46	15 49	1 48	14 50	4 49	17 7	1 36	4 40	1 13	0 16	2 50	23 48	0 17	22 5	1 2	14 2	6 5	19 3	19 25	21 10		n.a.
S 19	9 15	21 0	1 49	16 32	1 54	14 26	4 39	16 54	1 36	4 35	1 14	0 17	2 50	23 48	0 17	22 5	1 2	14 3	6 5	19 3	19 24	21 10		n.a.
M20	9 37	20 54	2 47	17 14	2 1	14 2	4 27	16 40	1 37	4 30	1 14	0 19	2 50	23 48	0 17	22 5	1 2	14 3	6 5	19 3	19 23	21 10		n.a.
T 21	9 58	19 52	3 38	17 52	2 6	13 36	4 15	16 27	1 38	4 25	1 14	0 20	2 50	23 48	0 17	22 5	1 2	14 3	6 5	19 4	19 23	21 9		n.a.
W22	10 19	17 56	4 20	18 29	2 11	13 11	4 3	16 13	1 39	4 20	1 14	0 22	2 50	23 48	0 17	22 5	1 2	14 4	6 4	19 4	19 22	21 9		n.a.
T 23	10 40	15 11	4 52	19 3	2 15	12 45	3 50	15 59	1 40	4 14	1 14	0 23	2 50	23 48	0 17	22 5	1 2	14 4	6 4	19 4	19 21	21 9		n.a.
F 24	11 1	11 43	5 10	19 35	2 18	12 18	3 37	15 46	1 40	4 9	1 14	0 25	2 50	23 48	0 17	22 5	1 2	14 5	6 4	19 4	19 20	21 9		n.a.
S 25	11 21	7 37	5 14	20 4	2 21	11 52	3 23	15 32	1 41	4 4	1 14	0 26	2 50	23 49	0 17	22 5	1 2	14 5	6 4	19 3	19 19	21 9		n.a.
S 26	11 42	3 3	5 2	20 31	2 22	11 26	3 9	15 17	1 42	3 59	1 14	0 28	2 49	23 49	0 17	22 5	1 2	14 5	6 4	19 3	19 19	21 9		n.a.
M27	12 2	1s49	4 33	20 56	2 23	11 1	2 56	15 3	1 43	3 54	1 15	0 29	2 49	23 49	0 17	22 4	1 2	14 6	6 4	19 2	19 18	21 9		n.a.
T 28	12 22	6 45	3 46	21 18	2 23	10 35	2 41	14 49	1 43	3 49	1 15	0 30	2 49	23 49	0 17	22 4	1 2	14 6	6 4	19 1	19 17	21 9		n.a.
W29	12 42	11 27	2 45	21 38	2 23	10 11	2 27	14 35	1 44	3 44	1 15	0 32	2 49	23 49	0 17	22 4	1 2	14 7	6 4	19 0	19 16	21 9		n.a.
T 30	13n 2	15s33	1s31	21n56	2n21	9n46	2n13	14s20	1s45	3s39	1s15	0n33	2n49	23n49	0n17	22s 4	1n 2	14n 7	6s 3	19s 0	19s16	21n 9		n.a.

Julian Day Number = 1606459.5, Delta T = 03h55m56s
Ecliptic obliquity = 23°43'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°25'02, Lahiri = - 8°18'02 Julian Calendar 1 Apr. 315 BCE == Greg. Calendar 27 March 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

MAY 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 16 15	5♉ 2'08	22♏ 8	27♉56	19°R 3	27♒39	23♓57	4°R59	22♊51	17°R 6	28♉19	23°D59	24♏59	15♊47	n.a.	F 1
S 2	14 20 12	5°59'27	7♐ 1	29° 9	18♈39	28°22	24°10	4♎55	22°54	17♐ 5	28°20	23♏59	24°56	15°54	n.a.	S 2
S 3	14 24 8	6°56'45	21°49	0♊18	18°16	29° 6	24°22	4°52	22°57	17° 3	28°22	24° 0	24°53	16° 0	n.a.	S 3
M 4	14 28 5	7°54'03	6♋26	1°25	17°56	29°50	24°34	4°48	23° 0	17° 2	28°23	24° 1	24°50	16° 7	n.a.	M 4
T 5	14 32 1	8°51'20	20°47	2°27	17°38	0♓34	24°47	4°45	23° 3	17° 1	28°25	24° 2	24°47	16°14	n.a.	T 5
W 6	14 35 58	9°48'36	4♒51	3°26	17°22	1°17	24°59	4°42	23° 5	17° 0	28°26	24°R 3	24°43	16°20	n.a.	W 6
T 7	14 39 55	10°45'52	18°35	4°21	17° 9	2° 1	25°11	4°39	23° 8	16°59	28°27	24° 2	24°40	16°27	n.a.	T 7
F 8	14 43 51	11°43'07	2♓ 0	5°13	16°58	2°44	25°23	4°35	23°11	16°57	28°29	24° 2	24°37	16°34	n.a.	F 8
S 9	14 47 48	12°40'22	15° 7	6° 1	16°49	3°28	25°35	4°32	23°14	16°56	28°30	24° 1	24°34	16°40	n.a.	S 9
S 10	14 51 44	13°37'37	27°58	6°44	16°43	4°11	25°47	4°29	23°17	16°55	28°32	23°59	24°31	16°47	n.a.	S 10
M11	14 55 41	14°34'50	10♈35	7°24	16°40	4°55	25°59	4°26	23°20	16°54	28°33	23°58	24°28	16°54	n.a.	M11
T 12	14 59 37	15°32'04	22°58	8° 0	16°D39	5°38	26°10	4°24	23°23	16°52	28°34	23°57	24°24	17° 0	n.a.	T 12
W13	15 3 34	16°29'16	5♉11	8°31	16°40	6°21	26°22	4°21	23°26	16°51	28°36	23°56	24°21	17° 7	n.a.	W13
T 14	15 7 30	17°26'29	17°14	8°59	16°43	7° 4	26°33	4°18	23°29	16°50	28°37	23°56	24°18	17°14	n.a.	T 14
F 15	15 11 27	18°23'40	29°10	9°21	16°49	7°47	26°45	4°16	23°33	16°48	28°39	23°D56	24°15	17°20	n.a.	F 15
S 16	15 15 24	19°20'52	11♊ 1	9°40	16°56	8°30	26°56	4°13	23°36	16°47	28°40	23°56	24°12	17°27	n.a.	S 16
S 17	15 19 20	20°18'02	22°49	9°53	17° 6	9°13	27° 7	4°11	23°39	16°46	28°41	23°56	24° 9	17°34	n.a.	S 17
M18	15 23 17	21°15'12	4♋37	10° 3	17°18	9°56	27°19	4° 8	23°42	16°44	28°43	23°57	24° 5	17°40	n.a.	M18
T 19	15 27 13	22°12'22	16°29	10° 7	17°32	10°38	27°30	4° 6	23°45	16°43	28°44	23°57	24° 2	17°47	n.a.	T 19
W20	15 31 10	23° 9'30	28°27	10°R 8	17°48	11°21	27°41	4° 4	23°49	16°41	28°46	23°57	23°59	17°54	n.a.	W20
T 21	15 35 6	24° 6'39	10♌37	10° 3	18° 6	12° 4	27°52	4° 2	23°52	16°40	28°47	23°R57	23°56	18° 0	n.a.	T 21
F 22	15 39 3	25° 3'46	23° 1	9°54	18°26	12°46	28° 2	4° 0	23°55	16°38	28°49	23°D57	23°53	18° 7	n.a.	F 22
S 23	15 42 59	26° 0'53	5♍45	9°41	18°47	13°28	28°13	3°58	23°59	16°37	28°50	23°57	23°49	18°14	n.a.	S 23
S 24	15 46 56	26°57'59	18°53	9°24	19°10	14°11	28°24	3°56	24° 2	16°35	28°52	23°57	23°46	18°20	n.a.	S 24
M25	15 50 53	27°55'05	2♎25	9° 3	19°35	14°53	28°34	3°54	24° 5	16°34	28°53	23°58	23°43	18°27	n.a.	M25
T 26	15 54 49	28°52'11	16°25	8°39	20° 1	15°35	28°44	3°52	24° 9	16°32	28°55	23°58	23°40	18°34	n.a.	T 26
W27	15 58 46	29°49'16	0♏50	8°11	20°29	16°17	28°55	3°51	24°12	16°31	28°56	23°58	23°37	18°40	n.a.	W27
T 28	16 2 42	0♊46'21	15°36	7°40	20°59	16°59	29° 5	3°49	24°15	16°29	28°57	23°59	23°34	18°47	n.a.	T 28
F 29	16 6 39	1°43'25	0♐39	7° 8	21°30	17°41	29°15	3°48	24°19	16°28	28°59	23°R59	23°30	18°53	n.a.	F 29
S 30	16 10 35	2°40'30	15°48	6°33	22° 2	18°22	29°25	3°47	24°22	16°26	29° 0	23°58	23°27	19° 0	n.a.	S 30
S 31	16 14 32	3♊37'35	0♋55	5♊57	22♈35	19♓ 4	29♓35	3♎45	24♊26	16♐25	29♉ 2	23♏58	23♏24	19♊ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n22	18s41	0s10	22n12	2n19	9n23	1n59	14s 5	1s46	3s34	1s15	0n34	2n49	23n49	0n17	22s 4	1n 2	14n 7	6s 3	19s 0	19s15	21n 9		n.a.
S 2	13 41	20 34	1n12	22 25	2 16	9 1	1 45	13 51	1 46	3 30	1 15	0 36	2 49	23 50	0 17	22 4	1 2	14 8	6 3	19 0	19 14	21 8		n.a.
S 3	14 0	21 1	2 28	22 37	2 12	8 39	1 31	13 36	1 47	3 25	1 15	0 37	2 48	23 50	0 17	22 4	1 2	14 8	6 3	19 0	19 13	21 8		n.a.
M 4	14 19	20 1	3 34	22 46	2 7	8 19	1 18	13 21	1 48	3 20	1 15	0 38	2 48	23 50	0 17	22 4	1 2	14 8	6 3	19 0	19 12	21 8		n.a.
T 5	14 37	17 44	4 25	22 54	2 2	7 59	1 4	13 6	1 49	3 15	1 16	0 39	2 48	23 50	0 17	22 4	1 2	14 9	6 3	19 1	19 12	21 8		n.a.
W 6	14 56	14 27	4 59	22 59	1 55	7 41	0 51	12 51	1 49	3 10	1 16	0 40	2 48	23 50	0 17	22 3	1 2	14 9	6 3	19 1	19 11	21 8		n.a.
T 7	15 14	10 27	5 15	23 3	1 48	7 24	0 38	12 36	1 50	3 6	1 16	0 42	2 48	23 50	0 17	22 3	1 2	14 10	6 3	19 1	19 10	21 8		n.a.
F 8	15 32	6 1	5 14	23 4	1 40	7 8	0 25	12 20	1 51	3 1	1 16	0 43	2 48	23 50	0 17	22 3	1 2	14 10	6 3	19 1	19 9	21 8		n.a.
S 9	15 50	1 24	4 56	23 4	1 31	6 53	0 13	12 5	1 51	2 56	1 16	0 44	2 47	23 51	0 17	22 3	1 2	14 10	6 3	19 0	19 9	21 7		n.a.
S 10	16 7	3n12	4 23	23 3	1 22	6 40	0 1	11 50	1 52	2 52	1 16	0 45	2 47	23 51	0 17	22 3	1 2	14 11	6 3	19 0	19 8	21 7		n.a.
M11	16 25	7 34	3 38	22 59	1 12	6 28	0s11	11 34	1 53	2 47	1 16	0 46	2 47	23 51	0 17	22 3	1 2	14 11	6 2	19 0	19 7	21 7		n.a.
T 12	16 41	11 34	2 44	22 54	1 1	6 17	0 22	11 19	1 53	2 43	1 17	0 47	2 47	23 51	0 17	22 3	1 2	14 12	6 2	18 59	19 6	21 7		n.a.
W13	16 58	15 1	1 42	22 48	0 49	6 7	0 33	11 3	1 54	2 38	1 17	0 48	2 47	23 51	0 17	22 2	1 2	14 12	6 2	18 59	19 5	21 7		n.a.
T 14	17 15	17 47	0 37	22 40	0 36	5 58	0 44	10 47	1 55	2 34	1 17	0 49	2 46	23 51	0 17	22 2	1 2	14 12	6 2	18 59	19 5	21 7		n.a.
F 15	17 31	19 45	0s29	22 30	0 23	5 51	0 54	10 32	1 55	2 29	1 17	0 49	2 46	23 52	0 17	22 2	1 2	14 13	6 2	18 59	19 4	21 6		n.a.
S 16	17 47	20 50	1 34	22 19	0 9	5 45	1 4	10 16	1 56	2 25	1 17	0 50	2 46	23 52	0 17	22 2	1 2	14 13	6 2	18 59	19 3	21 6		n.a.
S 17	18 2	20 59	2 34	22 7	0s 5	5 40	1 13	10 0	1 57	2 20	1 17	0 51	2 46	23 52	0 17	22 2	1 2	14 13	6 2	18 59	19 2	21 6		n.a.
M18	18 18	20 12	3 27	21 54	0 20	5 36	1 22	9 45	1 57	2 16	1 18	0 52	2 45	23 52	0 17	22 2	1 2	14 14	6 2	18 59	19 1	21 6		n.a.
T 19	18 33	18 31	4 12	21 39	0 36	5 34	1 31	9 29	1 58	2 12	1 18	0 52	2 45	23 52	0 17	22 2	1 2	14 14	6 2	18 59	19 1	21 6		n.a.
W20	18 47	16 2	4 47	21 23	0 52	5 32	1 39	9 13	1 58	2 7	1 18	0 53	2 45	23 52	0 17	22 1	1 2	14 15	6 2	18 59	19 0	21 5		n.a.
T 21	19 2	12 50	5 9	21 7	1 8	5 32	1 47	8 57	1 59	2 3	1 18	0 54	2 45	23 53	0 17	22 1	1 2	14 15	6 2	18 59	18 59	21 5		n.a.
F 22	19 16	9 0	5 18	20 49	1 24	5 32	1 55	8 41	2 0	1 59	1 18	0 54	2 45	23 53	0 17	22 1	1 2	14 15	6 2	18 59	18 58	21 5		n.a.
S 23	19 30	4 42	5 11	20 31	1 40	5 34	2 2	8 25	2 0	1 55	1 19	0 55	2 44	23 53	0 17	22 1	1 2	14 16	6 2	18 59	18 57	21 5		n.a.
S 24	19 43	0 2	4 48	20 12	1 57	5 36	2 9	8 9	2 1	1 51	1 19	0 55	2 44	23 53	0 17	22 1	1 2	14 16	6 2	18 59	18 57	21 5		n.a.
M25	19 56	4s46	4 9	19 53	2 13	5 40	2 16	7 53	2 1	1 47	1 19	0 56	2 44	23 53	0 17	22 1	1 2	14 16	6 2	18 59	18 56	21 4		n.a.
T 26	20 9	9 30	3 14	19 34	2 29	5 44	2 22	7 37	2 2	1 43	1 19	0 56	2 44	23 53	0 17	22 1	1 2	14 17	6 1	19 0	18 55	21 4		n.a.
W27	20 22	13 51	2 5	19 14	2 45	5 49	2 28	7 21	2 2	1 39	1 19	0 57	2 43	23 53	0 17	22 0	1 2	14 17	6 1	19 0	18 54	21 4		n.a.
T 28	20 34	17 27	0 46	18 54	3 0	5 55	2 34	7 5	2 3	1 35	1 19	0 57	2 43	23 54	0 17	22 0	1 2	14 18	6 1	19 0	18 53	21 4		n.a.
F 29	20 46	19 56	0n37	18 35	3 14	6 2	2 39	6 49	2 3	1 31	1 20	0 57	2 43	23 54	0 17	22 0	1 2	14 18	6 1	19 0	18 53	21 3		n.a.
S 30	20 57	21 0	1 58	18 16	3 27	6 9	2 44	6 33	2 4	1 27	1 20	0 58	2 43	23 54	0 17	22 0	1 2	14 18	6 1	19 0	18 52	21 3		n.a.
S 31	21n 8	20s33	3n11	17n58	3s39	6n17	2s49	6s17	2s 4	1s23	1s20	0n58	2n42	23n54	0n17	22s 0	1n 2	14n19	6s 1	18s59	18s51	21n 3		n.a.

Julian Day Number = 1606489.5, Delta T = 03h55m55s
Ecliptic obliquity = 23°43'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'58, Lahiri = - 8°17'58 Julian Calendar 1 May 315 BCE == Greg. Calendar 26 Apr. 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

JUNE 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 18 28	4♊34'40	15♉51	5°R21	23♈10	19♓45	29♓44	3°R44	24♊29	16°R23	29♉ 3	23°R56	23♏21	19♊13	n.a.	M 1
T 2	16 22 25	5°31'45	0♒29	4♊44	23°46	20°27	29°54	3♎43	24°33	16♐21	29° 5	23♏55	23°18	19°20	n.a.	T 2
W 3	16 26 22	6°28'50	14°44	4° 9	24°24	21° 8	0♈ 3	3°42	24°36	16°20	29° 6	23°54	23°15	19°27	n.a.	W 3
T 4	16 30 18	7°25'56	28°34	3°34	25° 2	21°49	0°13	3°42	24°40	16°18	29° 8	23°53	23°11	19°33	n.a.	T 4
F 5	16 34 15	8°23'02	11♓58	3° 2	25°42	22°30	0°22	3°41	24°43	16°17	29° 9	23°D53	23° 8	19°40	n.a.	F 5
S 6	16 38 11	9°20'09	24°59	2°32	26°23	23°11	0°31	3°40	24°47	16°15	29°10	23°54	23° 5	19°47	n.a.	S 6
S 7	16 42 8	10°17'16	7♈40	2° 4	27° 4	23°52	0°40	3°40	24°50	16°13	29°12	23°55	23° 2	19°53	n.a.	S 7
M 8	16 46 4	11°14'23	20° 4	1°41	27°47	24°33	0°49	3°39	24°54	16°12	29°13	23°56	22°59	20° 0	n.a.	M 8
T 9	16 50 1	12°11'31	2♉15	1°21	28°30	25°14	0°58	3°39	24°58	16°10	29°15	23°58	22°55	20° 7	n.a.	T 9
W10	16 53 57	13° 8'40	14°16	1° 6	29°15	25°54	1° 6	3°39	25° 1	16° 9	29°16	23°59	22°52	20°13	n.a.	W10
T 11	16 57 54	14° 5'49	26°10	0°55	0♉ 0	26°34	1°15	3°38	25° 5	16° 7	29°18	23°R59	22°49	20°20	n.a.	T 11
F 12	17 1 51	15° 2'59	8♊ 0	0°49	0°47	27°15	1°23	3°D38	25° 8	16° 5	29°19	23°58	22°46	20°27	n.a.	F 12
S 13	17 5 47	16° 0'09	19°48	0°D48	1°34	27°55	1°31	3°38	25°12	16° 4	29°20	23°56	22°43	20°33	n.a.	S 13
S 14	17 9 44	16°57'19	1♋36	0°52	2°21	28°35	1°40	3°39	25°16	16° 2	29°22	23°54	22°40	20°40	n.a.	S 14
M15	17 13 40	17°54'30	13°27	1° 2	3°10	29°15	1°47	3°39	25°19	16° 1	29°23	23°50	22°36	20°47	n.a.	M15
T 16	17 17 37	18°51'42	25°23	1°17	3°59	29°54	1°55	3°39	25°23	15°59	29°25	23°46	22°33	20°53	n.a.	T 16
W17	17 21 33	19°48'53	7♌26	1°38	4°49	0♈34	2° 3	3°40	25°27	15°57	29°26	23°42	22°30	21° 0	n.a.	W17
T 18	17 25 30	20°46'05	19°38	2° 4	5°40	1°13	2°10	3°40	25°30	15°56	29°27	23°38	22°27	21° 7	n.a.	T 18
F 19	17 29 27	21°43'18	2♍ 4	2°36	6°31	1°53	2°18	3°41	25°34	15°54	29°29	23°36	22°24	21°13	n.a.	F 19
S 20	17 33 23	22°40'30	14°47	3°13	7°23	2°32	2°25	3°41	25°38	15°52	29°30	23°34	22°20	21°20	n.a.	S 20
S 21	17 37 20	23°37'43	27°49	3°56	8°15	3°11	2°32	3°42	25°41	15°51	29°31	23°D34	22°17	21°27	n.a.	S 21
M22	17 41 16	24°34'57	11♎14	4°45	9° 8	3°49	2°39	3°43	25°45	15°49	29°33	23°35	22°14	21°33	n.a.	M22
T 23	17 45 13	25°32'11	25° 4	5°39	10° 2	4°28	2°46	3°44	25°49	15°48	29°34	23°36	22°11	21°40	n.a.	T 23
W24	17 49 9	26°29'26	9♏20	6°38	10°56	5° 7	2°52	3°45	25°52	15°46	29°35	23°37	22° 8	21°47	n.a.	W24
T 25	17 53 6	27°26'41	23°59	7°42	11°51	5°45	2°59	3°46	25°56	15°44	29°37	23°R38	22° 5	21°53	n.a.	T 25
F 26	17 57 2	28°23'57	8♐58	8°52	12°46	6°23	3° 5	3°48	26° 0	15°43	29°38	23°37	22° 1	22° 0	n.a.	F 26
S 27	18 0 59	29°21'13	24°10	10° 6	13°42	7° 1	3°11	3°49	26° 3	15°41	29°39	23°35	21°58	22° 7	n.a.	S 27
S 28	18 4 56	0♋18'31	9♑24	11°26	14°38	7°39	3°17	3°51	26° 7	15°40	29°41	23°31	21°55	22°13	n.a.	S 28
M29	18 8 52	1°15'49	24°31	12°50	15°34	8°17	3°23	3°52	26°10	15°38	29°42	23°26	21°52	22°20	n.a.	M29
T 30	18 12 49	2♋13'09	9♒21	14♊19	16♉31	8♈54	3♈29	3♎54	26♊14	15♐37	29♉43	23♏20	21♏49	22♊27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n19	18s39	4n10	17n41	3s50	6n26	2s53	6s 1	2s 5	1s20	1s20	0n58	2n42	23n54	0n17	22s 0	1n 2	14n19	6s 1	18s59	18s50	21n 3		n.a.
T 2	21 29	15 33	4 51	17 24	4 0	6 36	2 57	5 45	2 5	1 16	1 20	0 58	2 42	23 54	0 17	21 59	1 2	14 19	6 1	18 59	18 49	21 2		n.a.
W 3	21 39	11 37	5 13	17 10	4 9	6 46	3 1	5 29	2 6	1 12	1 21	0 59	2 42	23 55	0 17	21 59	1 2	14 20	6 1	18 59	18 49	21 2		n.a.
T 4	21 49	7 11	5 16	16 56	4 16	6 57	3 4	5 13	2 6	1 9	1 21	0 59	2 41	23 55	0 17	21 59	1 2	14 20	6 1	18 58	18 48	21 2		n.a.
F 5	21 58	2 31	5 1	16 45	4 21	7 8	3 8	4 57	2 7	1 5	1 21	0 59	2 41	23 55	0 17	21 59	1 2	14 20	6 1	18 58	18 47	21 2		n.a.
S 6	22 7	2n 8	4 32	16 35	4 25	7 20	3 11	4 41	2 7	1 2	1 21	0 59	2 41	23 55	0 17	21 59	1 2	14 21	6 1	18 59	18 46	21 1		n.a.
S 7	22 16	6 35	3 49	16 27	4 28	7 33	3 14	4 25	2 8	0 58	1 22	0 59	2 41	23 55	0 17	21 59	1 2	14 21	6 1	18 59	18 45	21 1		n.a.
M 8	22 24	10 40	2 57	16 22	4 29	7 46	3 16	4 9	2 8	0 55	1 22	0 59	2 40	23 55	0 17	21 58	1 2	14 21	6 1	18 59	18 45	21 1		n.a.
T 9	22 32	14 14	1 57	16 18	4 28	7 59	3 19	3 53	2 8	0 52	1 22	0 59	2 40	23 55	0 17	21 58	1 2	14 22	6 1	18 59	18 44	21 1		n.a.
W10	22 39	17 10	0 53	16 17	4 27	8 13	3 21	3 37	2 9	0 49	1 22	0 58	2 40	23 56	0 17	21 58	1 2	14 22	6 1	19 0	18 43	21 0		n.a.
T 11	22 46	19 20	0s12	16 18	4 23	8 27	3 23	3 21	2 9	0 45	1 22	0 58	2 40	23 56	0 17	21 58	1 2	14 22	6 1	19 0	18 42	21 0		n.a.
F 12	22 53	20 39	1 17	16 21	4 19	8 42	3 24	3 5	2 10	0 42	1 23	0 58	2 39	23 56	0 17	21 58	1 2	14 23	6 1	19 0	18 41	21 0		n.a.
S 13	22 59	21 3	2 18	16 27	4 13	8 57	3 26	2 49	2 10	0 39	1 23	0 58	2 39	23 56	0 17	21 58	1 2	14 23	6 1	18 59	18 40	20 59		n.a.
S 14	23 5	20 31	3 13	16 34	4 6	9 12	3 27	2 34	2 10	0 36	1 23	0 57	2 39	23 56	0 17	21 58	1 2	14 23	6 1	18 58	18 40	20 59		n.a.
M15	23 10	19 4	4 0	16 44	3 58	9 27	3 28	2 18	2 11	0 33	1 23	0 57	2 38	23 56	0 17	21 57	1 2	14 23	6 1	18 58	18 39	20 59		n.a.
T 16	23 15	16 48	4 36	16 56	3 49	9 43	3 29	2 2	2 11	0 30	1 24	0 57	2 38	23 56	0 17	21 57	1 2	14 24	6 1	18 57	18 38	20 58		n.a.
W17	23 20	13 47	5 1	17 10	3 39	9 59	3 30	1 47	2 11	0 27	1 24	0 56	2 38	23 56	0 17	21 57	1 2	14 24	6 1	18 56	18 37	20 58		n.a.
T 18	23 24	10 9	5 13	17 25	3 29	10 16	3 31	1 31	2 12	0 24	1 24	0 56	2 38	23 57	0 17	21 57	1 2	14 24	6 1	18 55	18 36	20 58		n.a.
F 19	23 28	6 2	5 10	17 43	3 17	10 32	3 31	1 16	2 12	0 22	1 24	0 55	2 37	23 57	0 17	21 57	1 2	14 25	6 1	18 54	18 36	20 57		n.a.
S 20	23 32	1 34	4 53	18 2	3 5	10 49	3 31	1 0	2 12	0 19	1 25	0 55	2 37	23 57	0 17	21 57	1 2	14 25	6 1	18 54	18 35	20 57		n.a.
S 21	23 35	3s 5	4 20	18 22	2 53	11 6	3 31	0 45	2 13	0 16	1 25	0 54	2 37	23 57	0 17	21 56	1 2	14 25	6 1	18 54	18 34	20 57		n.a.
M22	23 37	7 44	3 32	18 44	2 40	11 23	3 31	0 29	2 13	0 14	1 25	0 54	2 37	23 57	0 17	21 56	1 2	14 25	6 1	18 54	18 33	20 56		n.a.
T 23	23 39	12 8	2 30	19 6	2 26	11 40	3 31	0 14	2 13	0 11	1 25	0 53	2 36	23 57	0 17	21 56	1 2	14 26	6 1	18 54	18 32	20 56		n.a.
W24	23 41	16 0	1 18	19 30	2 13	11 58	3 30	0n 1	2 13	0 9	1 26	0 52	2 36	23 57	0 17	21 56	1 2	14 26	6 1	18 54	18 31	20 56		n.a.
T 25	23 42	18 58	0n 2	19 54	1 59	12 15	3 30	0 16	2 14	0 7	1 26	0 52	2 36	23 58	0 17	21 56	1 2	14 26	6 1	18 55	18 31	20 55		n.a.
F 26	23 43	20 42	1 23	20 19	1 45	12 32	3 29	0 31	2 14	0 4	1 26	0 51	2 36	23 58	0 17	21 56	1 2	14 26	6 1	18 54	18 30	20 55		n.a.
S 27	23 44	20 57	2 39	20 44	1 31	12 50	3 28	0 46	2 14	0 2	1 26	0 50	2 35	23 58	0 17	21 56	1 2	14 27	6 1	18 54	18 29	20 55		n.a.
S 28	23 44	19 40	3 44	21 9	1 17	13 8	3 27	1 1	2 14	0n 0	1 27	0 49	2 35	23 58	0 17	21 55	1 2	14 27	6 1	18 53	18 28	20 54		n.a.
M29	23 44	17 1	4 32	21 34	1 3	13 25	3 26	1 16	2 14	0 2	1 27	0 48	2 35	23 58	0 17	21 55	1 2	14 27	6 1	18 51	18 27	20 54		n.a.
T 30	23n43	13s17	5n 2	21n59	0s49	13n43	3s25	1n31	2s15	0n 4	1s27	0n47	2n34	23n58	0n18	21s55	1n 2	14n27	6s 1	18s50	18s26	20n53		n.a.

Julian Day Number = 1606520.5, Delta T = 03h55m54s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'54, Lahiri = - 8°17'53 Julian Calendar 1 June 315 BCE == Greg. Calendar 27 May 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

JULY 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 16 45	3♋10'29	23♒47	15♊52	17♉29	9♈32	3♈34	3♎56	26♊18	15°R35	29♉44	23°R15	21♏46	22♊33	n.a.	W 1
T 2	18 20 42	4° 7'51	7♓45	17°30	18°27	10° 9	3°40	3°57	26°21	15♐34	29°46	23♏11	21°42	22°40	n.a.	T 2
F 3	18 24 38	5° 5'15	21°15	19°11	19°25	10°46	3°45	3°59	26°25	15°32	29°47	23° 8	21°39	22°47	n.a.	F 3
S 4	18 28 35	6° 2'39	4♈17	20°56	20°24	11°23	3°50	4° 1	26°29	15°31	29°48	23°D 7	21°36	22°53	n.a.	S 4
S 5	18 32 31	7° 0'05	16°56	22°44	21°23	11°59	3°55	4° 3	26°32	15°29	29°49	23° 8	21°33	23° 0	n.a.	S 5
M 6	18 36 28	7°57'32	29°15	24°36	22°23	12°36	3°59	4° 6	26°36	15°28	29°50	23° 9	21°30	23° 7	n.a.	M 6
T 7	18 40 25	8°55'01	11♉19	26°30	23°23	13°12	4° 4	4° 8	26°40	15°26	29°52	23°10	21°26	23°13	n.a.	T 7
W 8	18 44 21	9°52'31	23°14	28°26	24°23	13°48	4° 8	4°10	26°43	15°25	29°53	23°R11	21°23	23°20	n.a.	W 8
T 9	18 48 18	10°50'03	5♊ 3	0♋25	25°24	14°24	4°12	4°13	26°47	15°23	29°54	23°10	21°20	23°27	n.a.	T 9
F 10	18 52 14	11°47'36	16°51	2°25	26°25	14°59	4°16	4°15	26°50	15°22	29°55	23° 7	21°17	23°33	n.a.	F 10
S 11	18 56 11	12°45'11	28°39	4°26	27°26	15°35	4°20	4°18	26°54	15°21	29°56	23° 2	21°14	23°40	n.a.	S 11
S 12	19 0 7	13°42'47	10♋31	6°28	28°27	16°10	4°23	4°21	26°57	15°19	29°57	22°55	21°11	23°47	n.a.	S 12
M13	19 4 4	14°40'24	22°28	8°30	29°29	16°45	4°27	4°24	27° 1	15°18	29°58	22°46	21° 7	23°53	n.a.	M13
T 14	19 8 0	15°38'03	4♌32	10°33	0♊32	17°20	4°30	4°27	27° 4	15°16	29°59	22°36	21° 4	24° 0	n.a.	T 14
W15	19 11 57	16°35'42	16°45	12°35	1°34	17°54	4°33	4°30	27° 8	15°15	0♊ 1	22°26	21° 1	24° 7	n.a.	W15
T 16	19 15 54	17°33'24	29° 7	14°38	2°37	18°28	4°36	4°33	27°12	15°14	0° 2	22°17	20°58	24°13	n.a.	T 16
F 17	19 19 50	18°31'06	11♍41	16°40	3°40	19° 2	4°39	4°36	27°15	15°13	0° 3	22°10	20°55	24°20	n.a.	F 17
S 18	19 23 47	19°28'49	24°27	18°41	4°43	19°36	4°41	4°39	27°18	15°11	0° 4	22° 5	20°52	24°27	n.a.	S 18
S 19	19 27 43	20°26'34	7♎30	20°41	5°47	20°10	4°43	4°43	27°22	15°10	0° 5	22° 2	20°48	24°33	n.a.	S 19
M20	19 31 40	21°24'20	20°50	22°41	6°50	20°43	4°45	4°46	27°25	15° 9	0° 6	22°D 1	20°45	24°40	n.a.	M20
T 21	19 35 36	22°22'08	4♏31	24°39	7°54	21°16	4°47	4°50	27°29	15° 8	0° 7	22° 2	20°42	24°47	n.a.	T 21
W22	19 39 33	23°19'56	18°34	26°37	8°59	21°49	4°49	4°53	27°32	15° 6	0° 8	22°R 2	20°39	24°53	n.a.	W22
T 23	19 43 29	24°17'46	2♐58	28°33	10° 3	22°21	4°50	4°57	27°36	15° 5	0° 8	22° 2	20°36	25° 0	n.a.	T 23
F 24	19 47 26	25°15'38	17°43	0♑28	11° 8	22°53	4°52	5° 1	27°39	15° 4	0° 9	22° 0	20°32	25° 7	n.a.	F 24
S 25	19 51 23	26°13'31	2♑41	2°22	12°13	23°25	4°53	5° 4	27°42	15° 3	0°10	21°55	20°29	25°13	n.a.	S 25
S 26	19 55 19	27°11'25	17°46	4°14	13°18	23°57	4°54	5° 8	27°46	15° 2	0°11	21°48	20°26	25°20	n.a.	S 26
M27	19 59 16	28° 9'21	2♒49	6° 5	14°24	24°28	4°54	5°12	27°49	15° 1	0°12	21°39	20°23	25°27	n.a.	M27
T 28	20 3 12	29° 7'19	17°40	7°55	15°29	24°59	4°55	5°16	27°52	15° 0	0°13	21°29	20°20	25°33	n.a.	T 28
W29	20 7 9	0♌ 5'18	2♓ 9	9°44	16°35	25°30	4°55	5°21	27°55	14°59	0°14	21°19	20°17	25°40	n.a.	W29
T 30	20 11 5	1° 3'19	16°12	11°31	17°41	26° 0	4°R55	5°25	27°59	14°58	0°15	21°11	20°13	25°47	n.a.	T 30
F 31	20 15 2	2♌ 1'23	29♓47	13♌17	18♊47	26♈31	4♈55	5♎29	28♊ 2	14♐57	0♊15	21♏ 4	20♏10	25♊53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n42	8s52	5n11	22n23	0s36	14n 0	3s23	1n45	2s15	0n 6	1s27	0n46	2n34	23n58	0n18	21s55	1n 2	14n28	6s 1	18s49	18s26	20n53			n.a.
T 2	23 40	4 7	5 1	22 46	0 22	14 18	3 22	2 0	2 15	0 8	1 28	0 46	2 34	23 58	0 18	21 55	1 2	14 28	6 1	18 48	18 25	20 53			n.a.
F 3	23 38	0n41	4 34	23 8	0 9	14 36	3 20	2 15	2 15	0 10	1 28	0 44	2 34	23 58	0 18	21 55	1 2	14 28	6 1	18 47	18 24	20 52			n.a.
S 4	23 36	5 18	3 54	23 28	0n 3	14 53	3 18	2 29	2 15	0 12	1 28	0 43	2 33	23 59	0 18	21 55	1 2	14 28	6 1	18 47	18 23	20 52			n.a.
S 5	23 33	9 33	3 4	23 47	0 15	15 10	3 16	2 43	2 15	0 13	1 28	0 42	2 33	23 59	0 18	21 54	1 2	14 29	6 1	18 47	18 22	20 51			n.a.
M 6	23 29	13 18	2 6	24 4	0 26	15 27	3 14	2 58	2 16	0 15	1 29	0 41	2 33	23 59	0 18	21 54	1 2	14 29	6 1	18 47	18 21	20 51			n.a.
T 7	23 26	16 25	1 4	24 18	0 37	15 45	3 12	3 12	2 16	0 17	1 29	0 40	2 33	23 59	0 18	21 54	1 2	14 29	6 1	18 48	18 21	20 51			n.a.
W 8	23 22	18 48	0s 0	24 30	0 47	16 2	3 10	3 26	2 16	0 18	1 29	0 39	2 32	23 59	0 18	21 54	1 2	14 29	6 1	18 48	18 20	20 50			n.a.
T 9	23 17	20 21	1 4	24 40	0 56	16 18	3 8	3 40	2 16	0 19	1 29	0 38	2 32	23 59	0 18	21 54	1 2	14 29	6 1	18 47	18 19	20 50			n.a.
F 10	23 12	21 1	2 4	24 47	1 5	16 35	3 5	3 53	2 16	0 21	1 30	0 36	2 32	23 59	0 18	21 54	1 2	14 30	6 1	18 47	18 18	20 49			n.a.
S 11	23 7	20 44	2 59	24 52	1 13	16 51	3 3	4 7	2 16	0 22	1 30	0 35	2 32	23 59	0 18	21 54	1 2	14 30	6 1	18 45	18 17	20 49			n.a.
S 12	23 1	19 33	3 47	24 54	1 20	17 8	3 0	4 21	2 16	0 23	1 30	0 34	2 31	23 59	0 18	21 53	1 2	14 30	6 1	18 44	18 16	20 49			n.a.
M13	22 55	17 29	4 24	24 53	1 26	17 24	2 58	4 34	2 16	0 24	1 31	0 32	2 31	23 59	0 18	21 53	1 2	14 30	6 1	18 41	18 16	20 48			n.a.
T 14	22 48	14 39	4 51	24 49	1 31	17 39	2 55	4 48	2 16	0 25	1 31	0 31	2 31	24 0	0 18	21 53	1 2	14 30	6 2	18 39	18 15	20 48			n.a.
W15	22 41	11 11	5 4	24 43	1 36	17 55	2 52	5 1	2 16	0 26	1 31	0 29	2 31	24 0	0 18	21 53	1 2	14 31	6 2	18 36	18 14	20 47			n.a.
T 16	22 34	7 11	5 3	24 34	1 39	18 10	2 49	5 14	2 16	0 27	1 31	0 28	2 30	24 0	0 18	21 53	1 2	14 31	6 2	18 34	18 13	20 47			n.a.
F 17	22 26	2 50	4 48	24 22	1 42	18 25	2 46	5 27	2 16	0 28	1 32	0 27	2 30	24 0	0 18	21 53	1 1	14 31	6 2	18 32	18 12	20 46			n.a.
S 18	22 18	1s43	4 19	24 8	1 45	18 40	2 43	5 40	2 16	0 29	1 32	0 25	2 30	24 0	0 18	21 53	1 1	14 31	6 2	18 31	18 11	20 46			n.a.
S 19	22 9	6 18	3 35	23 52	1 46	18 54	2 40	5 53	2 16	0 29	1 32	0 23	2 30	24 0	0 18	21 53	1 1	14 31	6 2	18 30	18 10	20 45			n.a.
M20	22 0	10 41	2 39	23 33	1 47	19 8	2 37	6 5	2 16	0 30	1 33	0 22	2 29	24 0	0 18	21 53	1 1	14 31	6 2	18 30	18 10	20 45			n.a.
T 21	21 51	14 38	1 32	23 13	1 47	19 22	2 34	6 18	2 16	0 30	1 33	0 20	2 29	24 0	0 18	21 52	1 1	14 31	6 2	18 30	18 9	20 44			n.a.
W22	21 41	17 52	0 19	22 50	1 47	19 35	2 31	6 30	2 16	0 31	1 33	0 19	2 29	24 0	0 18	21 52	1 1	14 32	6 2	18 30	18 8	20 44			n.a.
T 23	21 31	20 4	0n58	22 26	1 46	19 48	2 27	6 43	2 16	0 31	1 33	0 17	2 29	24 0	0 18	21 52	1 1	14 32	6 2	18 30	18 7	20 44			n.a.
F 24	21 21	20 57	2 12	22 0	1 44	20 1	2 24	6 55	2 15	0 31	1 34	0 15	2 28	24 0	0 18	21 52	1 1	14 32	6 2	18 29	18 6	20 43			n.a.
S 25	21 10	20 23	3 19	21 32	1 42	20 13	2 20	7 7	2 15	0 32	1 34	0 13	2 28	24 1	0 18	21 52	1 1	14 32	6 2	18 28	18 5	20 43			n.a.
S 26	20 59	18 22	4 12	21 3	1 40	20 25	2 17	7 19	2 15	0 32	1 34	0 12	2 28	24 1	0 18	21 52	1 1	14 32	6 2	18 26	18 4	20 42			n.a.
M27	20 47	15 7	4 47	20 33	1 37	20 36	2 13	7 30	2 15	0 32	1 34	0 10	2 28	24 1	0 18	21 52	1 1	14 32	6 2	18 24	18 4	20 42			n.a.
T 28	20 35	10 56	5 2	20 1	1 33	20 47	2 10	7 42	2 15	0 32	1 35	0 8	2 28	24 1	0 18	21 52	1 1	14 32	6 2	18 21	18 3	20 41			n.a.
W29	20 23	6 12	4 58	19 28	1 30	20 57	2 6	7 53	2 15	0 32	1 35	0 6	2 27	24 1	0 18	21 52	1 1	14 32	6 2	18 19	18 2	20 41			n.a.
T 30	20 10	1 17	4 35	18 54	1 25	21 7	2 2	8 5	2 14	0 31	1 35	0 4	2 27	24 1	0 18	21 52	1 1	14 33	6 2	18 16	18 1	20 40			n.a.
F 31	19n57	3n32	3n57	18n19	1n21	21n17	1s59	8n16	2s14	0n31	1s36	0n 2	2n27	24n 1	0n18	21s52	1n 1	14n33	6s 3	18s15	18s 0	20n40			n.a.

Julian Day Number = 1606550.5, Delta T = 03h55m53s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'50, Lahiri = - 8°17'49 Julian Calendar 1 July 315 BCE == Greg. Calendar 26 June 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

AUGUST 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 18 58	2♌59'28	12♈53	15♌ 1	19♊54	27♈ 0	4°R55	5♎34	28♊ 5	14°R56	0♊16	21°R 0	20♏ 7	26♊ 0	n.a.	S 1
S 2	20 22 55	3°57'35	25°33	16°45	21° 1	27°30	4♈54	5°38	28° 8	14♐55	0°17	20♏59	20° 4	26° 7	n.a.	S 2
M 3	20 26 52	4°55'45	7♉53	18°27	22° 7	27°59	4°54	5°42	28°11	14°54	0°18	20°D59	20° 1	26°13	n.a.	M 3
T 4	20 30 48	5°53'56	19°57	20° 8	23°15	28°28	4°53	5°47	28°14	14°53	0°18	20°R59	19°58	26°20	n.a.	T 4
W 5	20 34 45	6°52'10	1♊50	21°48	24°22	28°56	4°52	5°52	28°17	14°52	0°19	20°58	19°54	26°27	n.a.	W 5
T 6	20 38 41	7°50'26	13°39	23°27	25°29	29°25	4°50	5°56	28°20	14°51	0°20	20°56	19°51	26°34	n.a.	T 6
F 7	20 42 38	8°48'44	25°27	25° 4	26°37	29°52	4°49	6° 1	28°23	14°51	0°20	20°52	19°48	26°40	n.a.	F 7
S 8	20 46 34	9°47'05	7♋18	26°40	27°45	0♉20	4°47	6° 6	28°26	14°50	0°21	20°44	19°45	26°47	n.a.	S 8
S 9	20 50 31	10°45'27	19°15	28°15	28°53	0°47	4°45	6°11	28°29	14°49	0°22	20°34	19°42	26°54	n.a.	S 9
M10	20 54 27	11°43'51	1♌22	29°49	0♋ 1	1°13	4°43	6°16	28°32	14°48	0°22	20°22	19°38	27° 0	n.a.	M10
T 11	20 58 24	12°42'17	13°38	1♍22	1° 9	1°39	4°41	6°21	28°35	14°48	0°23	20° 9	19°35	27° 7	n.a.	T 11
W12	21 2 21	13°40'46	26° 5	2°54	2°17	2° 5	4°38	6°26	28°38	14°47	0°23	19°55	19°32	27°14	n.a.	W12
T 13	21 6 17	14°39'16	8♍43	4°24	3°26	2°31	4°36	6°31	28°41	14°46	0°24	19°43	19°29	27°20	n.a.	T 13
F 14	21 10 14	15°37'48	21°32	5°54	4°35	2°55	4°33	6°37	28°44	14°46	0°24	19°32	19°26	27°27	n.a.	F 14
S 15	21 14 10	16°36'22	4♎32	7°22	5°44	3°20	4°30	6°42	28°46	14°45	0°25	19°24	19°23	27°34	n.a.	S 15
S 16	21 18 7	17°34'57	17°44	8°49	6°53	3°44	4°26	6°47	28°49	14°45	0°25	19°20	19°19	27°40	n.a.	S 16
M17	21 22 3	18°33'35	1♏ 9	10°15	8° 2	4° 8	4°23	6°53	28°52	14°44	0°26	19°17	19°16	27°47	n.a.	M17
T 18	21 26 0	19°32'14	14°48	11°40	9°11	4°31	4°19	6°58	28°54	14°44	0°26	19°17	19°13	27°54	n.a.	T 18
W19	21 29 56	20°30'55	28°43	13° 3	10°20	4°53	4°15	7° 4	28°57	14°43	0°27	19°17	19°10	28° 0	n.a.	W19
T 20	21 33 53	21°29'38	12♐53	14°26	11°30	5°16	4°11	7° 9	29° 0	14°43	0°27	19°16	19° 7	28° 7	n.a.	T 20
F 21	21 37 49	22°28'23	27°18	15°47	12°40	5°37	4° 7	7°15	29° 2	14°42	0°27	19°13	19° 4	28°14	n.a.	F 21
S 22	21 41 46	23°27'09	11♑55	17° 6	13°50	5°58	4° 3	7°21	29° 5	14°42	0°28	19° 7	19° 0	28°20	n.a.	S 22
S 23	21 45 43	24°25'58	26°39	18°24	15° 0	6°19	3°58	7°27	29° 7	14°42	0°28	18°59	18°57	28°27	n.a.	S 23
M24	21 49 39	25°24'48	11♒23	19°41	16°10	6°39	3°54	7°32	29° 9	14°42	0°28	18°49	18°54	28°34	n.a.	M24
T 25	21 53 36	26°23'40	25°58	20°57	17°20	6°59	3°49	7°38	29°12	14°41	0°28	18°37	18°51	28°40	n.a.	T 25
W26	21 57 32	27°22'35	10♓18	22°10	18°30	7°18	3°44	7°44	29°14	14°41	0°29	18°26	18°48	28°47	n.a.	W26
T 27	22 1 29	28°21'31	24°15	23°23	19°41	7°37	3°38	7°50	29°16	14°41	0°29	18°15	18°44	28°54	n.a.	T 27
F 28	22 5 25	29°20'30	7♈48	24°33	20°52	7°55	3°33	7°56	29°19	14°41	0°29	18° 8	18°41	29° 0	n.a.	F 28
S 29	22 9 22	0♍19'31	20°55	25°41	22° 2	8°12	3°27	8° 2	29°21	14°41	0°29	18° 3	18°38	29° 7	n.a.	S 29
S 30	22 13 18	1°18'35	3♉37	26°48	23°13	8°29	3°22	8° 8	29°23	14°41	0°29	18° 0	18°35	29°14	n.a.	S 30
M31	22 17 15	2♍17'41	15♉59	27♍52	24♋24	8♉45	3♈16	8♎14	29♊25	14♐40	0♊30	17°D59	18♏32	29♊20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n44	8n 1	3n 8	17n44	1n16	21n26	1s55	8n27	2s14	0n31	1s36	0n 0	2n27	24n 1	0n18	21s52	1n 1	14n33	6s 3	18s14	17s59	20n39		n.a.
S 2	19 30	12 1	2 11	17 8	1 10	21 34	1 51	8 38	2 14	0 30	1 36	0s 2	2 26	24 1	0 18	21 51	1 1	14 33	6 3	18 13	17 58	20 39		n.a.
M 3	19 16	15 24	1 9	16 30	1 5	21 42	1 47	8 49	2 13	0 30	1 36	0 4	2 26	24 1	0 18	21 51	1 1	14 33	6 3	18 13	17 58	20 38		n.a.
T 4	19 2	18 2	0 5	15 53	0 59	21 50	1 44	8 59	2 13	0 29	1 37	0 6	2 26	24 1	0 18	21 51	1 1	14 33	6 3	18 13	17 57	20 37		n.a.
W 5	18 47	19 51	0s57	15 15	0 53	21 57	1 40	9 10	2 13	0 28	1 37	0 8	2 26	24 1	0 18	21 51	1 1	14 33	6 3	18 13	17 56	20 37		n.a.
T 6	18 32	20 47	1 57	14 36	0 47	22 3	1 36	9 20	2 13	0 28	1 37	0 10	2 26	24 1	0 18	21 51	1 1	14 33	6 3	18 13	17 55	20 36		n.a.
F 7	18 17	20 47	2 52	13 57	0 40	22 9	1 32	9 30	2 12	0 27	1 37	0 12	2 25	24 1	0 18	21 51	1 1	14 33	6 3	18 11	17 54	20 36		n.a.
S 8	18 1	19 53	3 39	13 18	0 33	22 14	1 28	9 40	2 12	0 26	1 38	0 14	2 25	24 1	0 18	21 51	1 1	14 33	6 3	18 9	17 53	20 35		n.a.
S 9	17 45	18 5	4 17	12 38	0 26	22 19	1 24	9 50	2 11	0 25	1 38	0 16	2 25	24 1	0 18	21 51	1 1	14 33	6 3	18 7	17 52	20 35		n.a.
M10	17 29	15 29	4 44	11 58	0 19	22 23	1 20	10 0	2 11	0 24	1 38	0 18	2 25	24 2	0 18	21 51	1 1	14 33	6 3	18 3	17 52	20 34		n.a.
T 11	17 12	12 10	4 58	11 18	0 12	22 27	1 17	10 9	2 11	0 23	1 38	0 21	2 25	24 2	0 18	21 51	1 1	14 33	6 3	18 0	17 51	20 34		n.a.
W12	16 55	8 18	4 58	10 38	0 5	22 30	1 13	10 19	2 10	0 21	1 39	0 23	2 24	24 2	0 18	21 51	1 1	14 33	6 3	17 56	17 50	20 33		n.a.
T 13	16 38	4 1	4 44	9 58	0s 3	22 32	1 9	10 28	2 10	0 20	1 39	0 25	2 24	24 2	0 18	21 51	1 0	14 33	6 4	17 53	17 49	20 33		n.a.
F 14	16 21	0s30	4 15	9 18	0 11	22 34	1 5	10 37	2 9	0 19	1 39	0 27	2 24	24 2	0 18	21 51	1 0	14 33	6 4	17 50	17 48	20 32		n.a.
S 15	16 3	5 4	3 33	8 38	0 18	22 35	1 1	10 46	2 9	0 17	1 39	0 30	2 24	24 2	0 18	21 51	1 0	14 33	6 4	17 48	17 47	20 31		n.a.
S 16	15 45	9 29	2 38	7 57	0 26	22 36	0 57	10 54	2 8	0 16	1 40	0 32	2 24	24 2	0 18	21 51	1 0	14 33	6 4	17 46	17 46	20 31		n.a.
M17	15 27	13 29	1 34	7 17	0 34	22 36	0 53	11 3	2 8	0 14	1 40	0 34	2 24	24 2	0 18	21 51	1 0	14 33	6 4	17 46	17 45	20 30		n.a.
T 18	15 8	16 51	0 24	6 38	0 42	22 35	0 49	11 11	2 7	0 13	1 40	0 37	2 23	24 2	0 18	21 51	1 0	14 33	6 4	17 46	17 45	20 30		n.a.
W19	14 50	19 19	0n50	5 58	0 50	22 34	0 45	11 19	2 7	0 11	1 40	0 39	2 23	24 2	0 18	21 51	1 0	14 33	6 4	17 46	17 44	20 29		n.a.
T 20	14 31	20 37	2 1	5 19	0 58	22 32	0 42	11 27	2 6	0 9	1 41	0 41	2 23	24 2	0 18	21 51	1 0	14 33	6 4	17 45	17 43	20 28		n.a.
F 21	14 11	20 36	3 6	4 40	1 6	22 30	0 38	11 35	2 5	0 7	1 41	0 44	2 23	24 2	0 18	21 51	1 0	14 33	6 4	17 45	17 42	20 28		n.a.
S 22	13 52	19 12	4 0	4 1	1 14	22 27	0 34	11 43	2 5	0 5	1 41	0 46	2 23	24 2	0 18	21 51	1 0	14 33	6 4	17 43	17 41	20 27		n.a.
S 23	13 32	16 32	4 38	3 23	1 22	22 23	0 30	11 50	2 4	0 3	1 41	0 49	2 23	24 2	0 18	21 51	1 0	14 33	6 4	17 41	17 40	20 27		n.a.
M24	13 12	12 48	4 58	2 45	1 30	22 18	0 26	11 58	2 3	0 1	1 41	0 51	2 22	24 2	0 18	21 51	1 0	14 33	6 4	17 38	17 39	20 26		n.a.
T 25	12 52	8 21	4 58	2 8	1 38	22 13	0 23	12 5	2 3	0s 1	1 42	0 54	2 22	24 2	0 18	21 51	1 0	14 33	6 5	17 35	17 38	20 25		n.a.
W26	12 32	3 30	4 39	1 31	1 46	22 7	0 19	12 12	2 2	0 3	1 42	0 56	2 22	24 2	0 18	21 51	1 0	14 33	6 5	17 31	17 37	20 25		n.a.
T 27	12 11	1n25	4 4	0 55	1 54	22 1	0 15	12 19	2 1	0 6	1 42	0 59	2 22	24 2	0 18	21 51	1 0	14 33	6 5	17 29	17 37	20 24		n.a.
F 28	11 51	6 7	3 16	0 20	2 1	21 54	0 11	12 25	2 0	0 8	1 42	1 1	2 22	24 2	0 19	21 51	1 0	14 33	6 5	17 26	17 36	20 24		n.a.
S 29	11 30	10 23	2 18	0s14	2 9	21 47	0 8	12 32	2 0	0 10	1 42	1 4	2 22	24 2	0 19	21 51	1 0	14 33	6 5	17 25	17 35	20 23		n.a.
S 30	11 8	14 3	1 15	0 48	2 16	21 38	0 4	12 38	1 59	0 13	1 43	1 6	2 21	24 2	0 19	21 51	1 0	14 33	6 5	17 24	17 34	20 22		n.a.
M31	10n47	17n 0	0n11	1s20	2s24	21n29	0s 1	12n44	1s58	0s15	1s43	1s 9	2n21	24n 2	0n19	21s51	1n 0	14n33	6s 5	17s24	17s33	20n22		n.a.

Julian Day Number = 1606581.5, Delta T = 03h55m52s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'46, Lahiri = - 8°17'45 Julian Calendar 1 Aug. 315 BCE == Greg. Calendar 27 July 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

SEPTEMBER 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 21 12	3♍16'49	28♉ 5	28♍54	25♋35	9♉ 1	3°R10	8♎21	29♊27	14°D40	0♊30	17°R59	18♏29	29♊27	n.a.	T 1
W 2	22 25 8	4°16'00	10♊ 0	29°54	26°47	9°16	3♈ 4	8°27	29°29	14♐40	0°30	17♏59	18°25	29°34	n.a.	W 2
T 3	22 29 5	5°15'13	21°49	0♎51	27°58	9°30	2°57	8°33	29°31	14°41	0°30	17°58	18°22	29°40	n.a.	T 3
F 4	22 33 1	6°14'29	3♋39	1°45	29° 9	9°44	2°51	8°39	29°33	14°41	0°30	17°55	18°19	29°47	n.a.	F 4
S 5	22 36 58	7°13'47	15°33	2°36	0♌21	9°57	2°44	8°46	29°35	14°41	0°R30	17°49	18°16	29°54	n.a.	S 5
S 6	22 40 54	8°13'07	27°36	3°23	1°33	10° 9	2°38	8°52	29°37	14°41	0°30	17°40	18°13	0♋ 0	n.a.	S 6
M 7	22 44 51	9°12'30	9♌50	4° 6	2°44	10°21	2°31	8°59	29°39	14°41	0°30	17°29	18° 9	0° 7	n.a.	M 7
T 8	22 48 47	10°11'55	22°19	4°46	3°56	10°31	2°24	9° 5	29°40	14°41	0°30	17°17	18° 6	0°14	n.a.	T 8
W 9	22 52 44	11°11'22	5♍ 2	5°20	5° 8	10°42	2°17	9°12	29°42	14°42	0°30	17° 5	18° 3	0°21	n.a.	W 9
T 10	22 56 40	12°10'52	17°59	5°50	6°20	10°51	2°10	9°18	29°44	14°42	0°30	16°54	18° 0	0°27	n.a.	T 10
F 11	23 0 37	13°10'23	1♎ 9	6°15	7°32	11° 0	2° 2	9°25	29°45	14°42	0°29	16°45	17°57	0°34	n.a.	F 11
S 12	23 4 34	14° 9'56	14°31	6°33	8°45	11° 8	1°55	9°31	29°47	14°42	0°29	16°38	17°54	0°41	n.a.	S 12
S 13	23 8 30	15° 9'32	28° 3	6°45	9°57	11°15	1°48	9°38	29°49	14°43	0°29	16°34	17°50	0°47	n.a.	S 13
M14	23 12 27	16° 9'09	11♏44	6°R50	11°10	11°21	1°40	9°45	29°50	14°43	0°29	16°D32	17°47	0°54	n.a.	M14
T 15	23 16 23	17° 8'49	25°34	6°48	12°22	11°27	1°32	9°51	29°51	14°44	0°29	16°32	17°44	1° 1	n.a.	T 15
W16	23 20 20	18° 8'30	9♐31	6°38	13°35	11°31	1°25	9°58	29°53	14°44	0°29	16°33	17°41	1° 7	n.a.	W16
T 17	23 24 16	19° 8'13	23°36	6°19	14°47	11°35	1°17	10° 5	29°54	14°45	0°28	16°R33	17°38	1°14	n.a.	T 17
F 18	23 28 13	20° 7'58	7♑48	5°52	16° 0	11°38	1° 9	10°12	29°55	14°45	0°28	16°32	17°35	1°21	n.a.	F 18
S 19	23 32 9	21° 7'45	22° 4	5°16	17°13	11°41	1° 1	10°18	29°57	14°46	0°28	16°28	17°31	1°27	n.a.	S 19
S 20	23 36 6	22° 7'33	6♒23	4°32	18°26	11°42	0°53	10°25	29°58	14°46	0°27	16°22	17°28	1°34	n.a.	S 20
M21	23 40 3	23° 7'23	20°39	3°39	19°39	11°R43	0°45	10°32	29°59	14°47	0°27	16°15	17°25	1°41	n.a.	M21
T 22	23 43 59	24° 7'15	4♓48	2°38	20°52	11°42	0°37	10°39	29°59	14°48	0°27	16° 6	17°22	1°47	n.a.	T 22
W23	23 47 56	25° 7'09	18°45	1°31	22° 5	11°41	0°29	10°46	0♋ 1	14°49	0°26	15°57	17°19	1°54	n.a.	W23
T 24	23 51 52	26° 7'05	2♈25	0°19	23°19	11°39	0°21	10°53	0° 2	14°49	0°26	15°50	17°15	2° 1	n.a.	T 24
F 25	23 55 49	27° 7'03	15°46	29♍ 4	24°32	11°37	0°13	11° 0	0° 3	14°50	0°25	15°44	17°12	2° 7	n.a.	F 25
S 26	23 59 45	28° 7'03	28°46	27°47	25°45	11°33	0° 5	11° 7	0° 3	14°51	0°25	15°40	17° 9	2°14	n.a.	S 26
S 27	0 3 42	29° 7'06	11♉25	26°32	26°59	11°28	29♓57	11°14	0° 4	14°52	0°24	15°D39	17° 6	2°21	n.a.	S 27
M28	0 7 38	0♎ 7'10	23°47	25°20	28°12	11°23	29°48	11°21	0° 5	14°53	0°24	15°39	17° 3	2°27	n.a.	M28
T 29	0 11 35	1° 7'17	5♊53	24°14	29°26	11°16	29°40	11°28	0° 6	14°53	0°23	15°40	17° 0	2°34	n.a.	T 29
W30	0 15 31	2♎ 7'26	17♊49	23♍15	0♍40	11♉ 9	29♓32	11♎35	0♋ 6	14♐54	0♊23	15♏42	16♏56	2♋41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n26	19n 6	0s53	1s52	2s31	21n20	0n 3	12n50	1s57	0s18	1s43	1s11	2n21	24n 2	0n19	21s51	1n 0	14n33	6s 5	17s24	17s32	20n21		n.a.
W 2	10 4	20 20	1 54	2 22	2 38	21 10	0 6	12 55	1 56	0 20	1 43	1 14	2 21	24 2	0 19	21 51	1 0	14 33	6 5	17 24	17 31	20 20		n.a.
T 3	9 42	20 39	2 50	2 51	2 44	20 59	0 10	13 1	1 55	0 23	1 43	1 17	2 21	24 3	0 19	21 51	1 0	14 33	6 5	17 24	17 30	20 20		n.a.
F 4	9 20	20 3	3 38	3 18	2 51	20 47	0 13	13 6	1 54	0 26	1 43	1 19	2 21	24 3	0 19	21 51	1 0	14 33	6 5	17 23	17 30	20 19		n.a.
S 5	8 58	18 34	4 16	3 44	2 56	20 35	0 16	13 11	1 53	0 29	1 44	1 22	2 21	24 3	0 19	21 51	1 0	14 33	6 6	17 21	17 29	20 18		n.a.
S 6	8 35	16 15	4 44	4 8	3 2	20 23	0 20	13 16	1 52	0 31	1 44	1 24	2 21	24 3	0 19	21 51	0 59	14 33	6 6	17 19	17 28	20 18		n.a.
M 7	8 13	13 11	5 0	4 30	3 7	20 10	0 23	13 21	1 51	0 34	1 44	1 27	2 20	24 3	0 19	21 51	0 59	14 32	6 6	17 15	17 27	20 17		n.a.
T 8	7 50	9 30	5 1	4 50	3 12	19 56	0 26	13 25	1 50	0 37	1 44	1 30	2 20	24 3	0 19	21 51	0 59	14 32	6 6	17 12	17 26	20 17		n.a.
W 9	7 27	5 19	4 48	5 8	3 16	19 41	0 29	13 30	1 49	0 40	1 44	1 33	2 20	24 3	0 19	21 52	0 59	14 32	6 6	17 9	17 25	20 16		n.a.
T 10	7 4	0 50	4 20	5 23	3 19	19 26	0 32	13 34	1 48	0 43	1 44	1 35	2 20	24 3	0 19	21 52	0 59	14 32	6 6	17 5	17 24	20 15		n.a.
F 11	6 41	3s47	3 37	5 35	3 21	19 11	0 36	13 38	1 46	0 46	1 44	1 38	2 20	24 3	0 19	21 52	0 59	14 32	6 6	17 3	17 23	20 14		n.a.
S 12	6 18	8 16	2 42	5 44	3 23	18 55	0 38	13 41	1 45	0 49	1 44	1 41	2 20	24 3	0 19	21 52	0 59	14 32	6 6	17 1	17 22	20 14		n.a.
S 13	5 55	12 25	1 37	5 50	3 24	18 38	0 41	13 45	1 44	0 52	1 44	1 43	2 20	24 3	0 19	21 52	0 59	14 32	6 6	17 0	17 21	20 13		n.a.
M14	5 32	15 57	0 26	5 51	3 24	18 21	0 44	13 48	1 42	0 55	1 44	1 46	2 20	24 3	0 19	21 52	0 59	14 32	6 6	16 59	17 21	20 12		n.a.
T 15	5 8	18 36	0n48	5 49	3 22	18 3	0 47	13 51	1 41	0 58	1 44	1 49	2 20	24 3	0 19	21 52	0 59	14 32	6 6	16 59	17 20	20 12		n.a.
W16	4 45	20 10	2 0	5 42	3 19	17 45	0 50	13 54	1 40	1 2	1 45	1 52	2 20	24 3	0 19	21 52	0 59	14 31	6 7	16 59	17 19	20 11		n.a.
T 17	4 21	20 30	3 5	5 31	3 15	17 26	0 52	13 56	1 38	1 5	1 45	1 54	2 19	24 3	0 19	21 52	0 59	14 31	6 7	16 59	17 18	20 10		n.a.
F 18	3 57	19 31	3 59	5 14	3 9	17 7	0 55	13 59	1 37	1 8	1 45	1 57	2 19	24 3	0 19	21 52	0 59	14 31	6 7	16 59	17 17	20 10		n.a.
S 19	3 34	17 19	4 39	4 53	3 1	16 47	0 58	14 1	1 35	1 11	1 45	2 0	2 19	24 3	0 19	21 52	0 59	14 31	6 7	16 58	17 16	20 9		n.a.
S 20	3 10	14 2	5 1	4 26	2 51	16 26	1 0	14 3	1 33	1 14	1 45	2 3	2 19	24 3	0 19	21 53	0 59	14 31	6 7	16 56	17 15	20 8		n.a.
M21	2 46	9 58	5 5	3 54	2 40	16 5	1 3	14 5	1 32	1 18	1 45	2 5	2 19	24 3	0 19	21 53	0 59	14 31	6 7	16 54	17 14	20 8		n.a.
T 22	2 22	5 22	4 50	3 18	2 26	15 44	1 5	14 6	1 30	1 21	1 45	2 8	2 19	24 3	0 19	21 53	0 59	14 31	6 7	16 51	17 13	20 7		n.a.
W23	1 58	0 33	4 18	2 37	2 11	15 22	1 7	14 8	1 28	1 24	1 45	2 11	2 19	24 3	0 19	21 53	0 59	14 30	6 7	16 49	17 12	20 6		n.a.
T 24	1 34	4n12	3 31	1 52	1 54	15 0	1 9	14 9	1 27	1 27	1 45	2 14	2 19	24 3	0 19	21 53	0 59	14 30	6 7	16 47	17 11	20 5		n.a.
F 25	1 10	8 39	2 34	1 5	1 36	14 38	1 11	14 9	1 25	1 31	1 45	2 17	2 19	24 3	0 19	21 53	0 59	14 30	6 7	16 45	17 11	20 5		n.a.
S 26	0 45	12 34	1 30	0 16	1 16	14 14	1 13	14 10	1 23	1 34	1 45	2 19	2 19	24 3	0 19	21 53	0 59	14 30	6 7	16 44	17 10	20 4		n.a.
S 27	0 21	15 48	0 23	0n33	0 56	13 51	1 15	14 10	1 21	1 37	1 45	2 22	2 19	24 3	0 19	21 53	0 59	14 30	6 7	16 43	17 9	20 3		n.a.
M28	0s 3	18 14	0s44	1 21	0 35	13 27	1 17	14 11	1 19	1 40	1 45	2 25	2 19	24 3	0 19	21 54	0 58	14 30	6 7	16 43	17 8	20 2		n.a.
T 29	0 27	19 47	1 48	2 6	0 14	13 3	1 19	14 11	1 17	1 44	1 45	2 28	2 19	24 3	0 19	21 54	0 58	14 29	6 8	16 44	17 7	20 2		n.a.
W30	0s51	20n25	2s46	2n48	0n 6	12n38	1n21	14n10	1s15	1s47	1s44	2s31	2n19	24n 3	0n19	21s54	0n58	14n29	6s 8	16s44	17s 6	20n 1		n.a.

Julian Day Number = 1606612.5, Delta T = 03h55m51s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'41, Lahiri = - 8°17'41 Julian Calendar 1 Sept. 315 BCE == Greg. Calendar 27 Aug. 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

OCTOBER 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 19 28	3♎ 7'37	29♊40	22°R26	1♍53	11°R 1	29°R24	11♎42	0♋ 7	14♐55	0°R22	15°R43	16♏53	2♋48	n.a.	T 1
F 2	0 23 25	4° 7'50	11♋31	21♍48	3° 7	10♉52	29♓16	11°49	0° 7	14°56	0♊22	15♏42	16°50	2°54	n.a.	F 2
S 3	0 27 21	5° 8'06	23°26	21°21	4°21	10°42	29° 8	11°56	0° 8	14°57	0°21	15°40	16°47	3° 1	n.a.	S 3
S 4	0 31 18	6° 8'24	5♌31	21° 5	5°35	10°31	29° 0	12° 3	0° 8	14°58	0°21	15°37	16°44	3° 8	n.a.	S 4
M 5	0 35 14	7° 8'43	17°50	21°D 2	6°49	10°19	28°52	12°10	0° 9	15° 0	0°20	15°31	16°40	3°14	n.a.	M 5
T 6	0 39 11	8° 9'05	0♍26	21° 9	8° 3	10° 7	28°44	12°17	0° 9	15° 1	0°19	15°25	16°37	3°21	n.a.	T 6
W 7	0 43 7	9° 9'29	13°20	21°27	9°17	9°54	28°36	12°24	0° 9	15° 2	0°19	15°19	16°34	3°28	n.a.	W 7
T 8	0 47 4	10° 9'54	26°33	21°55	10°31	9°39	28°28	12°31	0° 9	15° 3	0°18	15°12	16°31	3°34	n.a.	T 8
F 9	0 51 0	11°10'21	10♎ 4	22°31	11°46	9°24	28°20	12°38	0° 9	15° 4	0°17	15° 7	16°28	3°41	n.a.	F 9
S 10	0 54 57	12°10'51	23°51	23°16	13° 0	9° 9	28°13	12°45	0° 9	15° 6	0°16	15° 4	16°25	3°48	n.a.	S 10
S 11	0 58 54	13°11'22	7♏50	24° 8	14°14	8°52	28° 5	12°52	0°R 9	15° 7	0°16	15° 2	16°21	3°54	n.a.	S 11
M12	1 2 50	14°11'54	21°57	25° 7	15°29	8°35	27°57	13° 0	0° 9	15° 8	0°15	15°D 2	16°18	4° 1	n.a.	M12
T 13	1 6 47	15°12'28	6♐10	26°11	16°43	8°17	27°50	13° 7	0° 9	15° 9	0°14	15° 3	16°15	4° 8	n.a.	T 13
W14	1 10 43	16°13'04	20°24	27°19	17°58	7°59	27°43	13°14	0° 9	15°11	0°13	15° 5	16°12	4°14	n.a.	W14
T 15	1 14 40	17°13'41	4♑38	28°32	19°12	7°40	27°35	13°21	0° 9	15°12	0°12	15° 6	16° 9	4°21	n.a.	T 15
F 16	1 18 36	18°14'19	18°48	29°49	20°27	7°20	27°28	13°28	0° 9	15°14	0°12	15°R 7	16° 6	4°28	n.a.	F 16
S 17	1 22 33	19°14'58	2♒54	1♎ 8	21°41	7° 0	27°21	13°35	0° 8	15°15	0°11	15° 6	16° 2	4°35	n.a.	S 17
S 18	1 26 29	20°15'39	16°53	2°30	22°56	6°39	27°14	13°42	0° 8	15°16	0°10	15° 4	15°59	4°41	n.a.	S 18
M19	1 30 26	21°16'20	0♓43	3°55	24°11	6°18	27° 7	13°49	0° 8	15°18	0° 9	15° 1	15°56	4°48	n.a.	M19
T 20	1 34 23	22°17'03	14°24	5°21	25°25	5°56	27° 1	13°56	0° 7	15°20	0° 8	14°58	15°53	4°55	n.a.	T 20
W21	1 38 19	23°17'48	27°53	6°48	26°40	5°34	26°54	14° 3	0° 7	15°21	0° 7	14°54	15°50	5° 1	n.a.	W21
T 22	1 42 16	24°18'33	11♈ 8	8°17	27°55	5°12	26°48	14°10	0° 6	15°23	0° 6	14°51	15°46	5° 8	n.a.	T 22
F 23	1 46 12	25°19'20	24° 8	9°47	29° 9	4°50	26°42	14°17	0° 5	15°24	0° 5	14°49	15°43	5°15	n.a.	F 23
S 24	1 50 9	26°20'08	6♉53	11°17	0♎24	4°27	26°35	14°24	0° 5	15°26	0° 4	14°48	15°40	5°21	n.a.	S 24
S 25	1 54 5	27°20'58	19°23	12°48	1°39	4° 4	26°29	14°31	0° 4	15°27	0° 3	14°D48	15°37	5°28	n.a.	S 25
M26	1 58 2	28°21'49	1♊39	14°20	2°54	3°41	26°24	14°38	0° 3	15°29	0° 2	14°49	15°34	5°35	n.a.	M26
T 27	2 1 58	29°22'42	13°43	15°53	4° 9	3°18	26°18	14°45	0° 2	15°31	0° 1	14°50	15°31	5°41	n.a.	T 27
W28	2 5 55	0♏23'36	25°39	17°25	5°24	2°55	26°12	14°52	0° 1	15°33	0° 0	14°51	15°27	5°48	n.a.	W28
T 29	2 9 52	1°24'32	7♋30	18°58	6°39	2°32	26° 7	14°59	0° 0	15°34	29♉59	14°53	15°24	5°55	n.a.	T 29
F 30	2 13 48	2°25'29	19°21	20°31	7°54	2° 8	26° 2	15° 6	29♊59	15°36	29°58	14°54	15°21	6° 2	n.a.	F 30
S 31	2 17 45	3♏26'27	1♌15	22♎ 4	9♎ 9	1♉46	25♓57	15♎13	29♊58	15♐38	29♉57	14°R54	15♏18	6♋ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	1s15	20n 8	3s36	3n25	0n25	12n13	1n23	14n10	1s13	1s50	1s44	2s33	2n19	24n 3	0n19	21s54	0n58	14n29	6s 8	16s45	17s 5	20n 0					n.a.
F 2	1 40	18 57	4 17	3 57	0 43	11 47	1 24	14 9	1 11	1 53	1 44	2 36	2 19	24 3	0 19	21 54	0 58	14 29	6 8	16 45	17 4	19 59					n.a.
S 3	2 4	16 57	4 48	4 22	0 59	11 22	1 26	14 8	1 9	1 56	1 44	2 39	2 19	24 3	0 19	21 54	0 58	14 29	6 8	16 44	17 3	19 59					n.a.
S 4	2 28	14 11	5 6	4 42	1 14	10 55	1 27	14 7	1 6	2 0	1 44	2 42	2 19	24 3	0 19	21 55	0 58	14 28	6 8	16 43	17 2	19 58					n.a.
M 5	2 52	10 45	5 10	4 56	1 27	10 29	1 28	14 5	1 4	2 3	1 44	2 45	2 18	24 3	0 19	21 55	0 58	14 28	6 8	16 41	17 1	19 57					n.a.
T 6	3 16	6 47	5 0	5 3	1 38	10 2	1 30	14 3	1 2	2 6	1 44	2 47	2 18	24 3	0 20	21 55	0 58	14 28	6 8	16 39	17 1	19 56					n.a.
W 7	3 40	2 25	4 35	5 5	1 48	9 35	1 31	14 1	0 59	2 9	1 44	2 50	2 18	24 3	0 20	21 55	0 58	14 28	6 8	16 38	17 0	19 56					n.a.
T 8	4 4	2s11	3 54	5 1	1 56	9 8	1 32	13 59	0 57	2 12	1 44	2 53	2 18	24 3	0 20	21 55	0 58	14 28	6 8	16 36	16 59	19 55					n.a.
F 9	4 28	6 47	2 59	4 52	2 3	8 40	1 33	13 57	0 54	2 15	1 44	2 56	2 18	24 4	0 20	21 55	0 58	14 28	6 8	16 34	16 58	19 54					n.a.
S 10	4 52	11 7	1 53	4 39	2 8	8 12	1 34	13 54	0 52	2 18	1 43	2 59	2 18	24 4	0 20	21 56	0 58	14 27	6 8	16 33	16 57	19 53					n.a.
S 11	5 16	14 55	0 39	4 22	2 11	7 44	1 35	13 51	0 49	2 21	1 43	3 1	2 18	24 4	0 20	21 56	0 58	14 27	6 8	16 33	16 56	19 52					n.a.
M12	5 40	17 52	0n38	4 0	2 14	7 16	1 36	13 48	0 47	2 24	1 43	3 4	2 18	24 4	0 20	21 56	0 58	14 27	6 8	16 33	16 55	19 52					n.a.
T 13	6 4	19 44	1 53	3 36	2 15	6 47	1 37	13 45	0 44	2 27	1 43	3 7	2 18	24 4	0 20	21 56	0 58	14 27	6 8	16 33	16 54	19 51					n.a.
W14	6 27	20 21	3 2	3 8	2 15	6 18	1 37	13 41	0 41	2 29	1 43	3 10	2 18	24 4	0 20	21 56	0 58	14 26	6 8	16 33	16 53	19 50					n.a.
T 15	6 51	19 40	3 59	2 39	2 15	5 49	1 38	13 37	0 39	2 32	1 43	3 13	2 18	24 4	0 20	21 56	0 58	14 26	6 8	16 34	16 52	19 49					n.a.
F 16	7 14	17 45	4 42	2 6	2 13	5 20	1 38	13 34	0 36	2 35	1 42	3 15	2 18	24 4	0 20	21 57	0 58	14 26	6 9	16 34	16 51	19 48					n.a.
S 17	7 37	14 46	5 7	1 32	2 11	4 51	1 39	13 29	0 33	2 38	1 42	3 18	2 18	24 4	0 20	21 57	0 58	14 26	6 9	16 34	16 50	19 48					n.a.
S 18	8 1	10 59	5 14	0 57	2 8	4 21	1 39	13 25	0 31	2 40	1 42	3 21	2 18	24 4	0 20	21 57	0 58	14 26	6 9	16 33	16 49	19 47					n.a.
M19	8 24	6 38	5 3	0 20	2 5	3 51	1 39	13 21	0 28	2 43	1 42	3 24	2 18	24 4	0 20	21 57	0 58	14 25	6 9	16 32	16 49	19 46					n.a.
T 20	8 47	2 0	4 34	0s18	2 1	3 22	1 39	13 16	0 25	2 45	1 42	3 26	2 18	24 4	0 20	21 57	0 58	14 25	6 9	16 31	16 48	19 45					n.a.
W21	9 9	2n40	3 51	0 57	1 57	2 52	1 40	13 12	0 22	2 48	1 41	3 29	2 18	24 4	0 20	21 58	0 58	14 25	6 9	16 30	16 47	19 44					n.a.
T 22	9 32	7 8	2 55	1 37	1 52	2 22	1 40	13 7	0 19	2 50	1 41	3 32	2 18	24 4	0 20	21 58	0 58	14 25	6 9	16 29	16 46	19 43					n.a.
F 23	9 55	11 12	1 52	2 17	1 47	1 51	1 40	13 2	0 16	2 52	1 41	3 34	2 19	24 4	0 20	21 58	0 58	14 24	6 9	16 29	16 45	19 43					n.a.
S 24	10 17	14 40	0 44	2 58	1 41	1 21	1 39	12 57	0 14	2 54	1 41	3 37	2 19	24 4	0 20	21 58	0 57	14 24	6 9	16 28	16 44	19 42					n.a.
S 25	10 39	17 23	0s25	3 39	1 36	0 51	1 39	12 52	0 11	2 57	1 40	3 40	2 19	24 4	0 20	21 59	0 57	14 24	6 9	16 28	16 43	19 41					n.a.
M26	11 1	19 15	1 32	4 21	1 30	0 21	1 39	12 46	0 8	2 59	1 40	3 43	2 19	24 4	0 20	21 59	0 57	14 24	6 9	16 29	16 42	19 40					n.a.
T 27	11 23	20 11	2 33	5 2	1 24	0s10	1 39	12 41	0 5	3 1	1 40	3 45	2 19	24 4	0 20	21 59	0 57	14 24	6 9	16 29	16 41	19 39					n.a.
W28	11 45	20 12	3 27	5 44	1 17	0 40	1 38	12 36	0 2	3 3	1 40	3 48	2 19	24 4	0 20	21 59	0 57	14 23	6 9	16 29	16 40	19 38					n.a.
T 29	12 6	19 19	4 12	6 25	1 11	1 11	1 38	12 30	0n 1	3 5	1 39	3 51	2 19	24 4	0 20	21 59	0 57	14 23	6 9	16 30	16 39	19 38					n.a.
F 30	12 28	17 36	4 46	7 7	1 5	1 41	1 37	12 25	0 4	3 7	1 39	3 53	2 19	24 4	0 20	22 0	0 57	14 23	6 9	16 30	16 38	19 37					n.a.
S 31	12s49	15n 7	5s 8	7s48	0n58	2s12	1n36	12n20	0n 6	3s 8	1s39	3s56	2n19	24n 4	0n20	22s 0	0n57	14n23	6s 9	16s30	16s37	19n36					n.a.

Julian Day Number = 1606642.5, Delta T = 03h55m50s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'37, Lahiri = - 8°17'37 Julian Calendar 1 Oct. 315 BCE == Greg. Calendar 26 Sept. 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

NOVEMBER 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 21 41	4♏27'27	13♌19	23♎38	10♎24	1°R23	25°R52	15♎19	29°R57	15♐40	29°R56	14°R54	15♏15	6♋15	n.a.	S 1
M 2	2 25 38	5°28'28	25°36	25°11	11°39	1♉ 0	25♓48	15°26	29♊56	15°41	29♉55	14♏53	15°12	6°22	n.a.	M 2
T 3	2 29 34	6°29'30	8♍11	26°45	12°54	0°38	25°43	15°33	29°55	15°43	29°54	14°52	15° 8	6°28	n.a.	T 3
W 4	2 33 31	7°30'34	21° 7	28°19	14°10	0°16	25°39	15°40	29°54	15°45	29°53	14°51	15° 5	6°35	n.a.	W 4
T 5	2 37 27	8°31'38	4♎27	29°52	15°25	29♈54	25°35	15°47	29°52	15°47	29°52	14°50	15° 2	6°42	n.a.	T 5
F 6	2 41 24	9°32'44	18°10	1♏26	16°40	29°33	25°31	15°53	29°51	15°49	29°51	14°50	14°59	6°48	n.a.	F 6
S 7	2 45 21	10°33'51	2♏15	3° 0	17°55	29°12	25°27	16° 0	29°50	15°51	29°50	14°49	14°56	6°55	n.a.	S 7
S 8	2 49 17	11°34'59	16°38	4°34	19°10	28°52	25°24	16° 7	29°48	15°53	29°48	14°D49	14°52	7° 2	n.a.	S 8
M 9	2 53 14	12°36'08	1♐14	6° 7	20°26	28°32	25°20	16°13	29°47	15°55	29°47	14°49	14°49	7° 8	n.a.	M 9
T 10	2 57 10	13°37'18	15°56	7°41	21°41	28°13	25°17	16°20	29°45	15°57	29°46	14°50	14°46	7°15	n.a.	T 10
W11	3 1 7	14°38'28	0♑37	9°15	22°56	27°55	25°14	16°26	29°44	15°59	29°45	14°R50	14°43	7°22	n.a.	W11
T 12	3 5 3	15°39'38	15°12	10°49	24°11	27°37	25°12	16°33	29°42	16° 1	29°44	14°50	14°40	7°29	n.a.	T 12
F 13	3 9 0	16°40'49	29°36	12°23	25°27	27°20	25° 9	16°39	29°40	16° 3	29°43	14°50	14°37	7°35	n.a.	F 13
S 14	3 12 56	17°42'01	13♒44	13°57	26°42	27° 3	25° 7	16°46	29°39	16° 5	29°41	14°D49	14°33	7°42	n.a.	S 14
S 15	3 16 53	18°43'12	27°37	15°32	27°57	26°47	25° 5	16°52	29°37	16° 7	29°40	14°49	14°30	7°49	n.a.	S 15
M16	3 20 50	19°44'24	11♓13	17° 6	29°12	26°32	25° 3	16°58	29°35	16° 9	29°39	14°50	14°27	7°55	n.a.	M16
T 17	3 24 46	20°45'36	24°32	18°40	0♏28	26°18	25° 1	17° 5	29°33	16°11	29°38	14°50	14°24	8° 2	n.a.	T 17
W18	3 28 43	21°46'48	7♈37	20°15	1°43	26° 4	25° 0	17°11	29°31	16°13	29°37	14°51	14°21	8° 9	n.a.	W18
T 19	3 32 39	22°48'01	20°28	21°50	2°58	25°51	24°58	17°17	29°29	16°15	29°36	14°52	14°17	8°15	n.a.	T 19
F 20	3 36 36	23°49'13	3♉ 6	23°25	4°14	25°39	24°57	17°23	29°28	16°17	29°34	14°52	14°14	8°22	n.a.	F 20
S 21	3 40 32	24°50'26	15°32	25° 0	5°29	25°28	24°56	17°30	29°26	16°20	29°33	14°R52	14°11	8°29	n.a.	S 21
S 22	3 44 29	25°51'40	27°48	26°35	6°44	25°18	24°56	17°36	29°24	16°22	29°32	14°52	14° 8	8°36	n.a.	S 22
M23	3 48 25	26°52'53	9♊55	28°10	8° 0	25° 8	24°55	17°42	29°21	16°24	29°31	14°51	14° 5	8°42	n.a.	M23
T 24	3 52 22	27°54'08	21°54	29°46	9°15	25° 0	24°55	17°48	29°19	16°26	29°30	14°50	14° 2	8°49	n.a.	T 24
W25	3 56 19	28°55'22	3♋48	1♐22	10°30	24°52	24°D55	17°54	29°17	16°28	29°28	14°47	13°58	8°56	n.a.	W25
T 26	4 0 15	29°56'37	15°39	2°58	11°46	24°45	24°55	17°59	29°15	16°30	29°27	14°45	13°55	9° 2	n.a.	T 26
F 27	4 4 12	0♐57'52	27°30	4°35	13° 1	24°38	24°56	18° 5	29°13	16°33	29°26	14°43	13°52	9° 9	n.a.	F 27
S 28	4 8 8	1°59'07	9♌24	6°12	14°16	24°33	24°56	18°11	29°11	16°35	29°25	14°41	13°49	9°16	n.a.	S 28
S 29	4 12 5	3° 0'22	21°25	7°49	15°32	24°28	24°57	18°17	29° 8	16°37	29°24	14°39	13°46	9°22	n.a.	S 29
M30	4 16 1	4♐ 1'38	3♍38	9♐26	16♏47	24♈24	24♓58	18♎22	29♊ 6	16♐39	29♉22	14°D39	13♏43	9♋29	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s10	11n58	5s17	8s29	0n51	2s42	1n36	12n14	0n 9	3s10	1s39	3s58	2n19	24n 4	0n20	22s 0	0n57	14n22	6s 9	16s30	16s36	19n35		n.a.
M 2	13 30	8 15	5 12	9 10	0 45	3 13	1 35	12 9	0 12	3 12	1 38	4 1	2 19	24 4	0 20	22 0	0 57	14 22	6 9	16 30	16 35	19 34		n.a.
T 3	13 51	4 6	4 51	9 51	0 38	3 43	1 34	12 4	0 15	3 13	1 38	4 4	2 19	24 4	0 20	22 1	0 57	14 22	6 9	16 30	16 34	19 33		n.a.
W 4	14 11	0s21	4 16	10 31	0 31	4 13	1 33	11 58	0 17	3 15	1 38	4 6	2 19	24 4	0 20	22 1	0 57	14 22	6 9	16 29	16 34	19 32		n.a.
T 5	14 31	4 56	3 26	11 11	0 24	4 43	1 32	11 53	0 20	3 16	1 37	4 9	2 19	24 4	0 20	22 1	0 57	14 21	6 9	16 29	16 33	19 32		n.a.
F 6	14 51	9 24	2 23	11 51	0 17	5 14	1 31	11 48	0 23	3 17	1 37	4 11	2 19	24 4	0 20	22 1	0 57	14 21	6 9	16 29	16 32	19 31		n.a.
S 7	15 10	13 29	1 9	12 30	0 11	5 44	1 30	11 43	0 25	3 18	1 37	4 14	2 19	24 4	0 20	22 1	0 57	14 21	6 9	16 29	16 31	19 30		n.a.
S 8	15 30	16 51	0n10	13 8	0 4	6 14	1 29	11 38	0 28	3 20	1 37	4 16	2 19	24 4	0 20	22 2	0 57	14 21	6 9	16 29	16 30	19 29		n.a.
M 9	15 48	19 11	1 30	13 46	0s 3	6 43	1 28	11 34	0 30	3 21	1 36	4 19	2 19	24 4	0 20	22 2	0 57	14 21	6 9	16 29	16 29	19 28		n.a.
T 10	16 7	20 15	2 44	14 23	0 9	7 13	1 26	11 29	0 33	3 22	1 36	4 21	2 20	24 4	0 20	22 2	0 57	14 20	6 9	16 29	16 28	19 27		n.a.
W11	16 26	19 56	3 48	15 0	0 16	7 43	1 25	11 24	0 35	3 22	1 36	4 24	2 20	24 4	0 20	22 2	0 57	14 20	6 9	16 29	16 27	19 26		n.a.
T 12	16 44	18 17	4 36	15 36	0 22	8 12	1 24	11 20	0 38	3 23	1 35	4 26	2 20	24 4	0 20	22 3	0 57	14 20	6 9	16 29	16 26	19 25		n.a.
F 13	17 2	15 29	5 7	16 12	0 29	8 41	1 22	11 16	0 40	3 24	1 35	4 28	2 20	24 4	0 21	22 3	0 57	14 20	6 9	16 29	16 25	19 24		n.a.
S 14	17 19	11 50	5 18	16 47	0 35	9 10	1 21	11 12	0 42	3 25	1 35	4 31	2 20	24 4	0 21	22 3	0 57	14 19	6 9	16 29	16 24	19 23		n.a.
S 15	17 36	7 36	5 10	17 21	0 41	9 39	1 19	11 9	0 45	3 25	1 34	4 33	2 20	24 4	0 21	22 3	0 57	14 19	6 9	16 29	16 23	19 23		n.a.
M16	17 53	3 4	4 45	17 54	0 47	10 7	1 17	11 5	0 47	3 26	1 34	4 36	2 20	24 4	0 21	22 4	0 57	14 19	6 9	16 29	16 22	19 22		n.a.
T 17	18 10	1n32	4 5	18 27	0 53	10 36	1 16	11 2	0 49	3 26	1 34	4 38	2 20	24 4	0 21	22 4	0 57	14 19	6 9	16 29	16 21	19 21		n.a.
W18	18 26	6 0	3 12	18 58	0 59	11 4	1 14	10 59	0 51	3 26	1 33	4 40	2 20	24 4	0 21	22 4	0 57	14 18	6 9	16 29	16 20	19 20		n.a.
T 19	18 42	10 7	2 11	19 29	1 5	11 31	1 12	10 56	0 53	3 26	1 33	4 43	2 20	24 4	0 21	22 4	0 57	14 18	6 9	16 30	16 19	19 19		n.a.
F 20	18 57	13 43	1 5	19 59	1 10	11 59	1 10	10 53	0 55	3 27	1 33	4 45	2 21	24 4	0 21	22 5	0 57	14 18	6 9	16 30	16 18	19 18		n.a.
S 21	19 13	16 38	0s 4	20 28	1 16	12 26	1 8	10 51	0 57	3 27	1 32	4 47	2 21	24 4	0 21	22 5	0 57	14 18	6 9	16 30	16 17	19 17		n.a.
S 22	19 27	18 45	1 11	20 56	1 21	12 53	1 7	10 49	0 59	3 27	1 32	4 49	2 21	24 4	0 21	22 5	0 57	14 18	6 9	16 30	16 16	19 16		n.a.
M23	19 42	20 0	2 14	21 23	1 26	13 20	1 5	10 47	1 1	3 26	1 32	4 51	2 21	24 5	0 21	22 5	0 57	14 17	6 9	16 29	16 15	19 15		n.a.
T 24	19 56	20 18	3 11	21 49	1 30	13 46	1 3	10 46	1 3	3 26	1 31	4 54	2 21	24 5	0 21	22 6	0 57	14 17	6 9	16 29	16 15	19 14		n.a.
W25	20 10	19 42	3 59	22 14	1 35	14 12	1 1	10 44	1 4	3 26	1 31	4 56	2 21	24 5	0 21	22 6	0 57	14 17	6 9	16 28	16 14	19 13		n.a.
T 26	20 23	18 14	4 36	22 38	1 39	14 37	0 58	10 43	1 6	3 26	1 31	4 58	2 21	24 5	0 21	22 6	0 57	14 17	6 9	16 28	16 13	19 12		n.a.
F 27	20 36	15 59	5 2	23 0	1 43	15 2	0 56	10 42	1 8	3 25	1 30	5 0	2 21	24 5	0 21	22 6	0 57	14 17	6 8	16 27	16 12	19 11		n.a.
S 28	20 49	13 4	5 14	23 22	1 47	15 27	0 54	10 42	1 9	3 25	1 30	5 2	2 22	24 5	0 21	22 6	0 57	14 16	6 8	16 26	16 11	19 10		n.a.
S 29	21 1	9 35	5 14	23 42	1 50	15 52	0 52	10 41	1 11	3 24	1 30	5 4	2 22	24 5	0 21	22 7	0 57	14 16	6 8	16 26	16 10	19 9		n.a.
M30	21s13	5n40	4s59	24s 0	1s54	16s16	0n50	10n41	1n12	3s23	1s29	5s 6	2n22	24n 5	0n21	22s 7	0n56	14n16	6s 8	16s26	16s 9	19n 8		n.a.

Julian Day Number = 1606673.5, Delta T = 03h55m49s
Ecliptic obliquity = 23°43'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'33, Lahiri = - 8°17'33 Julian Calendar 1 Nov. 315 BCE == Greg. Calendar 27 Oct. 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 315 BCE
geocentric

DECEMBER 315 BCE (-314) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 19 58	5♐ 2'54	16♍ 8	11♐ 4	18♏ 3	24°R21	24♓59	18♎28	29°R 4	16♐42	29°R21	14♏39	13♏39	9♋36	n.a.	T 1
W 2	4 23 54	6° 4'10	28°58	12°42	19°18	24♈19	25° 1	18°34	29♊ 2	16°44	29♉20	14°40	13°36	9°43	n.a.	W 2
T 3	4 27 51	7° 5'27	12♎12	14°20	20°33	24°17	25° 2	18°39	28°59	16°46	29°19	14°42	13°33	9°49	n.a.	T 3
F 4	4 31 48	8° 6'43	25°54	15°58	21°49	24°D17	25° 4	18°44	28°57	16°48	29°18	14°43	13°30	9°56	n.a.	F 4
S 5	4 35 44	9° 8'00	10♏ 2	17°37	23° 4	24°17	25° 6	18°50	28°54	16°51	29°16	14°R44	13°27	10° 3	n.a.	S 5
S 6	4 39 41	10° 9'17	24°35	19°16	24°19	24°18	25° 8	18°55	28°52	16°53	29°15	14°44	13°23	10° 9	n.a.	S 6
M 7	4 43 37	11°10'33	9♐29	20°55	25°35	24°19	25°11	19° 0	28°50	16°55	29°14	14°42	13°20	10°16	n.a.	M 7
T 8	4 47 34	12°11'49	24°34	22°34	26°50	24°22	25°14	19° 6	28°47	16°57	29°13	14°39	13°17	10°23	n.a.	T 8
W 9	4 51 30	13°13'05	9♑42	24°13	28° 5	24°25	25°16	19°11	28°45	17° 0	29°12	14°35	13°14	10°29	n.a.	W 9
T 10	4 55 27	14°14'20	24°43	25°52	29°21	24°29	25°19	19°16	28°42	17° 2	29°10	14°31	13°11	10°36	n.a.	T 10
F 11	4 59 24	15°15'35	9♒29	27°31	0♐36	24°34	25°23	19°21	28°40	17° 4	29° 9	14°27	13° 8	10°43	n.a.	F 11
S 12	5 3 20	16°16'49	23°53	29° 9	1°52	24°39	25°26	19°26	28°37	17° 6	29° 8	14°24	13° 4	10°50	n.a.	S 12
S 13	5 7 17	17°18'01	7♓52	0♑47	3° 7	24°45	25°30	19°30	28°35	17° 9	29° 7	14°22	13° 1	10°56	n.a.	S 13
M14	5 11 13	18°19'13	21°27	2°25	4°22	24°52	25°34	19°35	28°32	17°11	29° 6	14°D21	12°58	11° 3	n.a.	M14
T 15	5 15 10	19°20'24	4♈39	4° 1	5°37	24°59	25°38	19°40	28°30	17°13	29° 5	14°22	12°55	11°10	n.a.	T 15
W16	5 19 6	20°21'35	17°30	5°37	6°53	25° 7	25°42	19°44	28°27	17°16	29° 4	14°24	12°52	11°16	n.a.	W16
T 17	5 23 3	21°22'44	0♉ 5	7°11	8° 8	25°16	25°46	19°49	28°24	17°18	29° 3	14°26	12°49	11°23	n.a.	T 17
F 18	5 26 59	22°23'52	12°26	8°44	9°23	25°25	25°51	19°53	28°22	17°20	29° 1	14°R27	12°45	11°30	n.a.	F 18
S 19	5 30 56	23°25'00	24°36	10°14	10°39	25°35	25°56	19°58	28°19	17°22	29° 0	14°26	12°42	11°36	n.a.	S 19
S 20	5 34 53	24°26'07	6♊39	11°42	11°54	25°46	26° 1	20° 2	28°17	17°25	28°59	14°23	12°39	11°43	n.a.	S 20
M21	5 38 49	25°27'12	18°37	13° 7	13° 9	25°57	26° 6	20° 6	28°14	17°27	28°58	14°19	12°36	11°50	n.a.	M21
T 22	5 42 46	26°28'17	0♋31	14°28	14°24	26° 9	26°11	20°10	28°11	17°29	28°57	14°12	12°33	11°57	n.a.	T 22
W23	5 46 42	27°29'21	12°23	15°45	15°40	26°21	26°16	20°15	28° 9	17°31	28°56	14° 4	12°29	12° 3	n.a.	W23
T 24	5 50 39	28°30'25	24°14	16°57	16°55	26°34	26°22	20°18	28° 6	17°34	28°55	13°55	12°26	12°10	n.a.	T 24
F 25	5 54 35	29°31'27	6♌ 7	18° 3	18°10	26°47	26°28	20°22	28° 4	17°36	28°54	13°46	12°23	12°17	n.a.	F 25
S 26	5 58 32	0♑32'28	18° 3	19° 3	19°25	27° 1	26°34	20°26	28° 1	17°38	28°53	13°38	12°20	12°23	n.a.	S 26
S 27	6 2 28	1°33'29	0♍ 6	19°55	20°41	27°15	26°40	20°30	27°58	17°40	28°52	13°31	12°17	12°30	n.a.	S 27
M28	6 6 25	2°34'29	12°18	20°39	21°56	27°30	26°46	20°34	27°56	17°43	28°51	13°27	12°14	12°37	n.a.	M28
T 29	6 10 22	3°35'27	24°43	21°14	23°11	27°45	26°53	20°37	27°53	17°45	28°50	13°24	12°10	12°44	n.a.	T 29
W30	6 14 18	4°36'25	7♎27	21°39	24°26	28° 1	27° 0	20°41	27°51	17°47	28°49	13°D24	12° 7	12°50	n.a.	W30
T 31	6 18 15	5♑37'23	20♎32	21♑54	25♐41	28♈18	27♓ 6	20♎44	27♊48	17♐49	28♉48	13♏25	12♏ 4	12♋57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21s24	1n24	4s30	24s18	1s57	16s39	0n48	10n41	1n14	3s22	1s29	5s 8	2n22	24n 5	0n21	22s 7	0n56	14n16	6s 8	16s26	16s 8	19n 7			n.a.
W 2	21 35	3s 2	3 46	24 34	1 59	17 2	0 45	10 42	1 15	3 22	1 29	5 10	2 22	24 5	0 21	22 7	0 56	14 16	6 8	16 26	16 7	19 6			n.a.
T 3	21 46	7 29	2 50	24 48	2 1	17 25	0 43	10 43	1 16	3 21	1 28	5 12	2 22	24 5	0 21	22 8	0 56	14 15	6 8	16 27	16 6	19 6			n.a.
F 4	21 56	11 42	1 42	25 1	2 3	17 47	0 41	10 44	1 18	3 19	1 28	5 14	2 23	24 5	0 21	22 8	0 56	14 15	6 8	16 27	16 5	19 5			n.a.
S 5	22 5	15 25	0 26	25 13	2 5	18 9	0 38	10 45	1 19	3 18	1 28	5 16	2 23	24 5	0 21	22 8	0 56	14 15	6 8	16 27	16 4	19 4			n.a.
S 6	22 15	18 17	0n54	25 23	2 6	18 30	0 36	10 46	1 20	3 17	1 27	5 18	2 23	24 5	0 21	22 8	0 56	14 15	6 8	16 27	16 3	19 3			n.a.
M 7	22 23	19 58	2 12	25 31	2 6	18 51	0 34	10 48	1 21	3 16	1 27	5 20	2 23	24 5	0 21	22 9	0 56	14 15	6 8	16 27	16 2	19 2			n.a.
T 8	22 32	20 16	3 21	25 37	2 6	19 11	0 31	10 50	1 22	3 14	1 27	5 22	2 23	24 5	0 21	22 9	0 56	14 15	6 8	16 26	16 1	19 1			n.a.
W 9	22 40	19 6	4 17	25 42	2 6	19 30	0 29	10 52	1 23	3 13	1 26	5 23	2 23	24 5	0 21	22 9	0 56	14 14	6 8	16 25	16 0	19 0			n.a.
T 10	22 47	16 37	4 55	25 45	2 5	19 50	0 26	10 54	1 24	3 11	1 26	5 25	2 24	24 5	0 21	22 9	0 56	14 14	6 8	16 23	15 59	18 59			n.a.
F 11	22 54	13 5	5 12	25 46	2 4	20 8	0 24	10 57	1 25	3 10	1 26	5 27	2 24	24 5	0 21	22 10	0 56	14 14	6 7	16 22	15 58	18 58			n.a.
S 12	23 1	8 52	5 9	25 45	2 2	20 26	0 22	11 0	1 26	3 8	1 25	5 29	2 24	24 4	0 21	22 10	0 56	14 14	6 7	16 21	15 57	18 57			n.a.
S 13	23 7	4 17	4 47	25 43	1 59	20 43	0 19	11 3	1 27	3 6	1 25	5 30	2 24	24 4	0 21	22 10	0 56	14 14	6 7	16 21	15 56	18 56			n.a.
M14	23 13	0n23	4 10	25 38	1 56	21 0	0 17	11 6	1 28	3 5	1 25	5 32	2 24	24 4	0 21	22 10	0 56	14 14	6 7	16 21	15 55	18 55			n.a.
T 15	23 18	4 55	3 20	25 32	1 51	21 16	0 14	11 10	1 29	3 3	1 24	5 33	2 24	24 4	0 21	22 10	0 56	14 14	6 7	16 21	15 54	18 54			n.a.
W16	23 23	9 8	2 22	25 23	1 47	21 32	0 12	11 14	1 30	3 1	1 24	5 35	2 25	24 4	0 21	22 11	0 56	14 13	6 7	16 21	15 53	18 53			n.a.
T 17	23 27	12 51	1 18	25 13	1 41	21 47	0 9	11 18	1 31	2 59	1 24	5 37	2 25	24 4	0 21	22 11	0 56	14 13	6 7	16 22	15 52	18 52			n.a.
F 18	23 31	15 56	0 11	25 1	1 35	22 1	0 7	11 22	1 31	2 56	1 23	5 38	2 25	24 4	0 21	22 11	0 56	14 13	6 7	16 22	15 51	18 51			n.a.
S 19	23 34	18 16	0s55	24 47	1 28	22 15	0 4	11 26	1 32	2 54	1 23	5 40	2 25	24 4	0 21	22 11	0 56	14 13	6 7	16 22	15 50	18 49			n.a.
S 20	23 37	19 45	1 58	24 32	1 19	22 28	0 2	11 31	1 33	2 52	1 23	5 41	2 25	24 4	0 21	22 12	0 56	14 13	6 7	16 21	15 49	18 48			n.a.
M21	23 39	20 20	2 55	24 15	1 10	22 40	0s 1	11 35	1 34	2 50	1 22	5 42	2 26	24 4	0 21	22 12	0 56	14 13	6 6	16 20	15 48	18 47			n.a.
T 22	23 41	20 0	3 44	23 56	1 0	22 51	0 3	11 40	1 34	2 47	1 22	5 44	2 26	24 4	0 21	22 12	0 56	14 13	6 6	16 18	15 47	18 46			n.a.
W23	23 42	18 47	4 22	23 36	0 49	23 2	0 5	11 45	1 35	2 45	1 22	5 45	2 26	24 4	0 21	22 12	0 56	14 13	6 6	16 15	15 46	18 45			n.a.
T 24	23 43	16 46	4 50	23 15	0 37	23 13	0 8	11 51	1 35	2 42	1 21	5 47	2 26	24 4	0 21	22 12	0 56	14 12	6 6	16 13	15 45	18 44			n.a.
F 25	23 44	14 3	5 5	22 54	0 24	23 22	0 10	11 56	1 36	2 40	1 21	5 48	2 26	24 4	0 21	22 13	0 56	14 12	6 6	16 10	15 44	18 43			n.a.
S 26	23 44	10 44	5 7	22 32	0 10	23 31	0 13	12 2	1 37	2 37	1 21	5 49	2 27	24 4	0 21	22 13	0 56	14 12	6 6	16 7	15 44	18 42			n.a.
S 27	23 43	6 59	4 55	22 9	0n 5	23 39	0 15	12 8	1 37	2 34	1 20	5 50	2 27	24 4	0 21	22 13	0 56	14 12	6 6	16 5	15 43	18 41			n.a.
M28	23 42	2 53	4 30	21 47	0 21	23 46	0 17	12 13	1 38	2 31	1 20	5 51	2 27	24 4	0 21	22 13	0 56	14 12	6 6	16 4	15 42	18 40			n.a.
T 29	23 41	1s25	3 52	21 25	0 37	23 53	0 20	12 19	1 38	2 28	1 20	5 53	2 27	24 4	0 21	22 14	0 56	14 12	6 5	16 3	15 41	18 39			n.a.
W30	23 39	5 45	3 1	21 4	0 55	23 59	0 22	12 26	1 38	2 25	1 20	5 54	2 27	24 4	0 21	22 14	0 56	14 12	6 5	16 3	15 40	18 38			n.a.
T 31	23s37	9s58	2s 0	20s44	1n12	24s 4	0s24	12n32	1n39	2s22	1s19	5s55	2n28	24n 4	0n21	22s14	0n56	14n12	6s 5	16s 3	15s39	18n37			n.a.

Julian Day Number = 1606703.5, Delta T = 03h55m48s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'29, Lahiri = - 8°17'28 Julian Calendar 1 Dec. 315 BCE == Greg. Calendar 26 Nov. 315 BCE

The year -314 astronomical counting style corresponds to year 315 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

JANUARY 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 22 11	6♑38'19	4♏ 3	21°R58	26♐57	28♈34	27♓13	20♎47	27°R45	17♐51	28°R47	13♏26	12♏ 1	13♋ 4	n.a.	F 1
S 2	6 26 8	7°39'14	18° 2	21♑51	28°12	28°52	27°21	20°51	27♊43	17°54	28♉46	13°R26	11°58	13°10	n.a.	S 2
S 3	6 30 4	8°40'09	2♐29	21°33	29°27	29° 9	27°28	20°54	27°40	17°56	28°45	13°24	11°55	13°17	n.a.	S 3
M 4	6 34 1	9°41'02	17°21	21° 4	0♑42	29°27	27°35	20°57	27°38	17°58	28°45	13°21	11°51	13°24	n.a.	M 4
T 5	6 37 58	10°41'54	2♑32	20°24	1°57	29°46	27°43	21° 0	27°35	18° 0	28°44	13°14	11°48	13°30	n.a.	T 5
W 6	6 41 54	11°42'45	17°52	19°36	3°12	0♉ 5	27°51	21° 2	27°33	18° 2	28°43	13° 6	11°45	13°37	n.a.	W 6
T 7	6 45 51	12°43'34	3♒10	18°39	4°28	0°24	27°59	21° 5	27°30	18° 4	28°42	12°56	11°42	13°44	n.a.	T 7
F 8	6 49 47	13°44'22	18°14	17°36	5°43	0°44	28° 7	21° 8	27°28	18° 6	28°41	12°47	11°39	13°51	n.a.	F 8
S 9	6 53 44	14°45'08	2♓55	16°28	6°58	1° 4	28°15	21°10	27°25	18° 8	28°40	12°39	11°35	13°57	n.a.	S 9
S 10	6 57 40	15°45'53	17° 9	15°18	8°13	1°24	28°23	21°13	27°23	18°11	28°40	12°33	11°32	14° 4	n.a.	S 10
M11	7 1 37	16°46'35	0♈53	14° 7	9°28	1°45	28°32	21°15	27°20	18°13	28°39	12°30	11°29	14°11	n.a.	M11
T 12	7 5 33	17°47'16	14° 8	12°57	10°43	2° 6	28°40	21°18	27°18	18°15	28°38	12°D28	11°26	14°17	n.a.	T 12
W13	7 9 30	18°47'55	26°58	11°51	11°58	2°28	28°49	21°20	27°15	18°17	28°37	12°29	11°23	14°24	n.a.	W13
T 14	7 13 27	19°48'32	9♉27	10°48	13°13	2°50	28°58	21°22	27°13	18°19	28°37	12°R29	11°20	14°31	n.a.	T 14
F 15	7 17 23	20°49'07	21°41	9°51	14°28	3°12	29° 7	21°24	27°11	18°21	28°36	12°29	11°16	14°38	n.a.	F 15
S 16	7 21 20	21°49'40	3♊43	9° 1	15°43	3°35	29°16	21°26	27° 8	18°23	28°35	12°27	11°13	14°44	n.a.	S 16
S 17	7 25 16	22°50'12	15°38	8°18	16°58	3°57	29°26	21°28	27° 6	18°25	28°35	12°22	11°10	14°51	n.a.	S 17
M18	7 29 13	23°50'42	27°30	7°42	18°13	4°21	29°35	21°29	27° 4	18°27	28°34	12°14	11° 7	14°58	n.a.	M18
T 19	7 33 9	24°51'09	9♋21	7°14	19°28	4°44	29°45	21°31	27° 2	18°28	28°33	12° 3	11° 4	15° 4	n.a.	T 19
W20	7 37 6	25°51'35	21°12	6°54	20°43	5° 8	29°54	21°32	26°59	18°30	28°33	11°51	11° 1	15°11	n.a.	W20
T 21	7 41 2	26°52'00	3♌ 6	6°41	21°58	5°32	0♈ 4	21°34	26°57	18°32	28°32	11°37	10°57	15°18	n.a.	T 21
F 22	7 44 59	27°52'22	15° 4	6°D35	23°13	5°56	0°14	21°35	26°55	18°34	28°32	11°23	10°54	15°25	n.a.	F 22
S 23	7 48 56	28°52'43	27° 7	6°37	24°28	6°20	0°24	21°36	26°53	18°36	28°31	11° 9	10°51	15°31	n.a.	S 23
S 24	7 52 52	29°53'02	9♍17	6°44	25°43	6°45	0°34	21°37	26°51	18°38	28°31	10°58	10°48	15°38	n.a.	S 24
M25	7 56 49	0♒53'19	21°35	6°58	26°58	7°10	0°44	21°38	26°49	18°40	28°30	10°50	10°45	15°45	n.a.	M25
T 26	8 0 45	1°53'34	4♎ 4	7°18	28°13	7°35	0°55	21°39	26°47	18°41	28°30	10°45	10°41	15°51	n.a.	T 26
W27	8 4 42	2°53'48	16°48	7°43	29°28	8° 1	1° 5	21°40	26°45	18°43	28°29	10°42	10°38	15°58	n.a.	W27
T 28	8 8 38	3°54'01	29°49	8°13	0♒42	8°27	1°16	21°41	26°43	18°45	28°29	10°41	10°35	16° 5	n.a.	T 28
F 29	8 12 35	4°54'12	13♏11	8°48	1°57	8°53	1°26	21°41	26°41	18°47	28°28	10°41	10°32	16°11	n.a.	F 29
S 30	8 16 31	5°54'21	26°58	9°27	3°12	9°19	1°37	21°42	26°39	18°48	28°28	10°40	10°29	16°18	n.a.	S 30
S 31	8 20 28	6♒54'28	11♐11	10♑10	4♒27	9♉45	1♈48	21♎42	26♊37	18♐50	28♉28	10♏38	10♏26	16♋25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s34	13s49	0s50	20s26	1n30	24s 8	0s27	12n38	1n39	2s19	1s19	5s56	2n28	24n 4	0n21	22s14	0n56	14n12	6s 5	16s 4	15s38	18n36		n.a.
S 2	23 30	17 1	0n25	20 9	1 49	24 12	0 29	12 45	1 40	2 16	1 19	5 57	2 28	24 4	0 21	22 14	0 56	14 12	6 5	16 4	15 37	18 35		n.a.
S 3	23 27	19 16	1 40	19 54	2 6	24 15	0 31	12 52	1 40	2 13	1 18	5 58	2 28	24 4	0 21	22 15	0 56	14 12	6 5	16 3	15 36	18 34		n.a.
M 4	23 22	20 17	2 51	19 41	2 24	24 17	0 33	12 59	1 40	2 10	1 18	5 59	2 29	24 4	0 21	22 15	0 56	14 12	6 5	16 2	15 35	18 33		n.a.
T 5	23 18	19 51	3 52	19 31	2 40	24 19	0 36	13 6	1 41	2 6	1 18	6 0	2 29	24 4	0 21	22 15	0 56	14 12	6 4	16 0	15 34	18 32		n.a.
W 6	23 12	17 58	4 36	19 23	2 55	24 19	0 38	13 13	1 41	2 3	1 18	6 1	2 29	24 4	0 21	22 15	0 56	14 12	6 4	15 58	15 33	18 30		n.a.
T 7	23 7	14 49	5 0	19 18	3 9	24 19	0 40	13 20	1 41	2 0	1 17	6 1	2 29	24 4	0 21	22 15	0 56	14 11	6 4	15 55	15 32	18 29		n.a.
F 8	23 1	10 45	5 3	19 14	3 21	24 18	0 42	13 27	1 42	1 56	1 17	6 2	2 29	24 4	0 21	22 16	0 56	14 11	6 4	15 52	15 31	18 28		n.a.
S 9	22 54	6 7	4 46	19 13	3 31	24 17	0 44	13 34	1 42	1 52	1 17	6 3	2 30	24 4	0 21	22 16	0 56	14 11	6 4	15 49	15 30	18 27		n.a.
S 10	22 47	1 17	4 11	19 14	3 38	24 14	0 46	13 42	1 42	1 49	1 16	6 4	2 30	24 4	0 21	22 16	0 56	14 11	6 4	15 48	15 29	18 26		n.a.
M11	22 40	3n27	3 23	19 16	3 43	24 11	0 48	13 50	1 42	1 45	1 16	6 4	2 30	24 4	0 21	22 16	0 56	14 11	6 4	15 47	15 28	18 25		n.a.
T 12	22 32	7 52	2 25	19 20	3 46	24 7	0 50	13 57	1 43	1 41	1 16	6 5	2 30	24 4	0 21	22 16	0 56	14 11	6 3	15 46	15 27	18 24		n.a.
W13	22 24	11 47	1 22	19 26	3 46	24 3	0 52	14 5	1 43	1 38	1 16	6 6	2 31	24 3	0 21	22 16	0 56	14 11	6 3	15 46	15 26	18 23		n.a.
T 14	22 15	15 4	0 16	19 33	3 45	23 57	0 54	14 13	1 43	1 34	1 15	6 6	2 31	24 3	0 21	22 17	0 56	14 11	6 3	15 46	15 25	18 22		n.a.
F 15	22 6	17 37	0s49	19 41	3 41	23 51	0 55	14 21	1 43	1 30	1 15	6 7	2 31	24 3	0 21	22 17	0 56	14 11	6 3	15 46	15 24	18 21		n.a.
S 16	21 56	19 21	1 50	19 50	3 35	23 44	0 57	14 29	1 43	1 26	1 15	6 7	2 31	24 3	0 21	22 17	0 56	14 11	6 3	15 46	15 23	18 19		n.a.
S 17	21 46	20 11	2 46	20 0	3 28	23 37	0 59	14 37	1 44	1 22	1 15	6 8	2 32	24 3	0 21	22 17	0 56	14 11	6 3	15 44	15 22	18 18		n.a.
M18	21 36	20 8	3 35	20 11	3 20	23 29	1 1	14 45	1 44	1 18	1 14	6 8	2 32	24 3	0 21	22 17	0 56	14 11	6 2	15 42	15 21	18 17		n.a.
T 19	21 25	19 11	4 14	20 22	3 10	23 20	1 2	14 53	1 44	1 14	1 14	6 8	2 32	24 3	0 21	22 17	0 56	14 12	6 2	15 38	15 20	18 16		n.a.
W20	21 14	17 24	4 41	20 33	3 0	23 10	1 4	15 1	1 44	1 10	1 14	6 9	2 32	24 3	0 21	22 18	0 56	14 12	6 2	15 34	15 19	18 15		n.a.
T 21	21 2	14 53	4 57	20 45	2 49	22 59	1 5	15 9	1 44	1 6	1 14	6 9	2 33	24 3	0 21	22 18	0 56	14 12	6 2	15 30	15 18	18 14		n.a.
F 22	20 50	11 44	5 0	20 57	2 38	22 48	1 7	15 18	1 44	1 2	1 13	6 9	2 33	24 3	0 21	22 18	0 56	14 12	6 2	15 26	15 17	18 13		n.a.
S 23	20 38	8 6	4 49	21 8	2 26	22 36	1 8	15 26	1 44	0 57	1 13	6 10	2 33	24 3	0 21	22 18	0 56	14 12	6 2	15 22	15 16	18 12		n.a.
S 24	20 25	4 6	4 25	21 20	2 14	22 24	1 10	15 34	1 44	0 53	1 13	6 10	2 33	24 3	0 21	22 18	0 56	14 12	6 1	15 18	15 15	18 10		n.a.
M25	20 12	0s 7	3 49	21 32	2 1	22 11	1 11	15 43	1 44	0 49	1 13	6 10	2 33	24 3	0 21	22 18	0 56	14 12	6 1	15 15	15 14	18 9		n.a.
T 26	19 59	4 24	3 1	21 43	1 49	21 57	1 12	15 51	1 45	0 44	1 12	6 10	2 34	24 3	0 21	22 18	0 56	14 12	6 1	15 14	15 13	18 8		n.a.
W27	19 45	8 34	2 3	21 54	1 37	21 43	1 13	16 0	1 45	0 40	1 12	6 10	2 34	24 3	0 21	22 19	0 56	14 12	6 1	15 13	15 12	18 7		n.a.
T 28	19 31	12 26	0 57	22 4	1 25	21 27	1 15	16 8	1 45	0 35	1 12	6 10	2 34	24 3	0 21	22 19	0 56	14 12	6 1	15 13	15 11	18 6		n.a.
F 29	19 16	15 47	0n13	22 14	1 13	21 12	1 16	16 17	1 45	0 31	1 12	6 10	2 34	24 3	0 21	22 19	0 56	14 12	6 0	15 13	15 10	18 5		n.a.
S 30	19 1	18 20	1 25	22 23	1 1	20 55	1 17	16 25	1 45	0 26	1 11	6 10	2 35	24 3	0 21	22 19	0 56	14 12	6 0	15 12	15 9	18 4		n.a.
S 31	18s46	19s51	2n34	22s31	0n49	20s38	1s18	16n34	1n45	0s22	1s11	6s10	2n35	24n 3	0n21	22s19	0n56	14n12	6s 0	15s12	15s 8	18n 2		n.a.

Julian Day Number = 1606734.5, Delta T = 03h55m47s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'25, Lahiri = - 8°17'24 Julian Calendar 1 Jan. 314 BCE == Greg. Calendar 27 Dec. 315 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

FEBRUARY 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 24 25	7♒54'34	25♐48	10♑57	5♒42	10♉12	1♈59	21♎42	26°R36	18♐52	28°R27	10°R33	10♏22	16♋32	n.a.	M 1
T 2	8 28 21	8°54'38	10♑46	11°47	6°57	10°39	2°10	21°43	26♊34	18°53	28♉27	10♏25	10°19	16°38	n.a.	T 2
W 3	8 32 18	9°54'41	25°58	12°40	8°11	11° 6	2°21	21°R43	26°32	18°55	28°27	10°15	10°16	16°45	n.a.	W 3
T 4	8 36 14	10°54'41	11♒13	13°37	9°26	11°33	2°33	21°43	26°31	18°57	28°27	10° 4	10°13	16°52	n.a.	T 4
F 5	8 40 11	11°54'39	26°19	14°36	10°41	12° 1	2°44	21°43	26°29	18°58	28°26	9°52	10°10	16°58	n.a.	F 5
S 6	8 44 7	12°54'35	11♓ 7	15°38	11°56	12°28	2°55	21°42	26°27	19° 0	28°26	9°42	10° 7	17° 5	n.a.	S 6
S 7	8 48 4	13°54'29	25°30	16°42	13°11	12°56	3° 7	21°42	26°26	19° 1	28°26	9°34	10° 3	17°12	n.a.	S 7
M 8	8 52 0	14°54'21	9♈23	17°49	14°25	13°24	3°19	21°42	26°24	19° 3	28°26	9°29	10° 0	17°19	n.a.	M 8
T 9	8 55 57	15°54'10	22°46	18°58	15°40	13°52	3°30	21°41	26°23	19° 4	28°26	9°26	9°57	17°25	n.a.	T 9
W10	8 59 53	16°53'57	5♉41	20° 9	16°55	14°21	3°42	21°41	26°21	19° 6	28°25	9°D26	9°54	17°32	n.a.	W10
T 11	9 3 50	17°53'42	18°14	21°22	18° 9	14°49	3°54	21°40	26°20	19° 7	28°25	9°R26	9°51	17°39	n.a.	T 11
F 12	9 7 47	18°53'24	0♊28	22°37	19°24	15°18	4° 6	21°39	26°19	19° 8	28°25	9°25	9°47	17°45	n.a.	F 12
S 13	9 11 43	19°53'04	12°29	23°53	20°39	15°47	4°18	21°38	26°18	19°10	28°25	9°23	9°44	17°52	n.a.	S 13
S 14	9 15 40	20°52'41	24°23	25°12	21°53	16°16	4°30	21°37	26°16	19°11	28°25	9°19	9°41	17°59	n.a.	S 14
M15	9 19 36	21°52'17	6♋13	26°32	23° 8	16°45	4°42	21°36	26°15	19°12	28°D25	9°12	9°38	18° 6	n.a.	M15
T 16	9 23 33	22°51'49	18° 3	27°53	24°22	17°14	4°55	21°35	26°14	19°14	28°25	9° 2	9°35	18°12	n.a.	T 16
W17	9 27 29	23°51'20	29°57	29°17	25°37	17°44	5° 7	21°33	26°13	19°15	28°25	8°50	9°32	18°19	n.a.	W17
T 18	9 31 26	24°50'48	11♌56	0♒41	26°51	18°14	5°19	21°32	26°12	19°16	28°25	8°36	9°28	18°26	n.a.	T 18
F 19	9 35 22	25°50'14	24° 1	2° 8	28° 6	18°43	5°32	21°31	26°11	19°17	28°25	8°23	9°25	18°32	n.a.	F 19
S 20	9 39 19	26°49'38	6♍15	3°35	29°20	19°13	5°44	21°29	26°10	19°18	28°25	8°10	9°22	18°39	n.a.	S 20
S 21	9 43 16	27°49'00	18°37	5° 4	0♓35	19°43	5°57	21°27	26° 9	19°19	28°25	8° 0	9°19	18°46	n.a.	S 21
M22	9 47 12	28°48'20	1♎ 9	6°35	1°49	20°13	6°10	21°26	26° 8	19°20	28°26	7°52	9°16	18°53	n.a.	M22
T 23	9 51 9	29°47'38	13°51	8° 7	3° 4	20°44	6°22	21°24	26° 8	19°22	28°26	7°47	9°12	18°59	n.a.	T 23
W24	9 55 5	0♓46'53	26°44	9°41	4°18	21°14	6°35	21°22	26° 7	19°23	28°26	7°44	9° 9	19° 6	n.a.	W24
T 25	9 59 2	1°46'07	9♏52	11°15	5°33	21°45	6°48	21°20	26° 6	19°24	28°26	7°D44	9° 6	19°13	n.a.	T 25
F 26	10 2 58	2°45'19	23°16	12°52	6°47	22°15	7° 1	21°18	26° 6	19°25	28°26	7°44	9° 3	19°19	n.a.	F 26
S 27	10 6 55	3°44'30	6♐58	14°29	8° 2	22°46	7°14	21°15	26° 5	19°25	28°27	7°R44	9° 0	19°26	n.a.	S 27
S 28	10 10 51	4♓43'38	21♐ 0	16♒ 8	9♓16	23♉17	7♈27	21♎13	26♊ 5	19♐26	28♉27	7♏43	8♏57	19♋33	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s31	20s 6	3n34	22s39	0n38	20s21	1s19	16n43	1n45	0s17	1s11	6s10	2n35	24n 2	0n21	22s19	0n56	14n12	6s 0	15s10	15s 7	18n 1		n.a.
T 2	18 15	18 57	4 21	22 45	0 27	20 3	1 20	16 51	1 45	0 13	1 11	6 10	2 35	24 2	0 21	22 19	0 56	14 13	6 0	15 8	15 6	18 0		n.a.
W 3	17 59	16 27	4 51	22 51	0 16	19 44	1 20	17 0	1 45	0 8	1 11	6 10	2 36	24 2	0 21	22 20	0 56	14 13	6 0	15 4	15 5	17 59		n.a.
T 4	17 42	12 49	5 0	22 56	0 6	19 25	1 21	17 8	1 45	0 3	1 10	6 9	2 36	24 2	0 21	22 20	0 56	14 13	5 59	15 1	15 4	17 58		n.a.
F 5	17 26	8 23	4 48	23 0	0s 5	19 5	1 22	17 17	1 45	0n 2	1 10	6 9	2 36	24 2	0 21	22 20	0 56	14 13	5 59	14 57	15 3	17 57		n.a.
S 6	17 9	3 32	4 17	23 2	0 14	18 44	1 22	17 26	1 45	0 6	1 10	6 9	2 36	24 2	0 21	22 20	0 56	14 13	5 59	14 54	15 2	17 55		n.a.
S 7	16 51	1n23	3 30	23 4	0 24	18 24	1 23	17 34	1 45	0 11	1 10	6 8	2 37	24 2	0 21	22 20	0 56	14 13	5 59	14 51	15 1	17 54		n.a.
M 8	16 34	6 5	2 32	23 4	0 33	18 2	1 24	17 43	1 45	0 16	1 10	6 8	2 37	24 2	0 21	22 20	0 57	14 13	5 59	14 50	15 0	17 53		n.a.
T 9	16 16	10 18	1 27	23 4	0 42	17 40	1 24	17 51	1 45	0 21	1 9	6 8	2 37	24 2	0 21	22 20	0 57	14 13	5 58	14 49	14 59	17 52		n.a.
W10	15 58	13 53	0 20	23 2	0 50	17 18	1 24	18 0	1 45	0 26	1 9	6 7	2 37	24 2	0 21	22 20	0 57	14 14	5 58	14 48	14 58	17 51		n.a.
T 11	15 39	16 43	0s46	22 58	0 58	16 55	1 25	18 9	1 45	0 31	1 9	6 7	2 38	24 2	0 21	22 20	0 57	14 14	5 58	14 48	14 57	17 50		n.a.
F 12	15 21	18 43	1 49	22 54	1 6	16 32	1 25	18 17	1 45	0 36	1 9	6 6	2 38	24 2	0 21	22 20	0 57	14 14	5 58	14 48	14 56	17 48		n.a.
S 13	15 2	19 50	2 45	22 48	1 13	16 8	1 25	18 26	1 44	0 41	1 9	6 6	2 38	24 2	0 21	22 21	0 57	14 14	5 58	14 48	14 55	17 47		n.a.
S 14	14 43	20 3	3 34	22 40	1 20	15 44	1 25	18 34	1 44	0 46	1 8	6 5	2 38	24 2	0 21	22 21	0 57	14 14	5 58	14 46	14 53	17 46		n.a.
M15	14 23	19 22	4 13	22 31	1 27	15 19	1 25	18 43	1 44	0 51	1 8	6 4	2 38	24 2	0 21	22 21	0 57	14 14	5 57	14 44	14 52	17 45		n.a.
T 16	14 4	17 51	4 41	22 21	1 33	14 54	1 25	18 51	1 44	0 56	1 8	6 4	2 39	24 2	0 21	22 21	0 57	14 15	5 57	14 41	14 51	17 44		n.a.
W17	13 44	15 34	4 57	22 9	1 39	14 28	1 25	18 59	1 44	1 1	1 8	6 3	2 39	24 2	0 21	22 21	0 57	14 15	5 57	14 37	14 50	17 42		n.a.
T 18	13 24	12 37	5 0	21 56	1 44	14 3	1 25	19 8	1 44	1 6	1 8	6 2	2 39	24 2	0 21	22 21	0 57	14 15	5 57	14 33	14 49	17 41		n.a.
F 19	13 4	9 7	4 50	21 42	1 49	13 36	1 25	19 16	1 44	1 11	1 8	6 2	2 39	24 2	0 21	22 21	0 57	14 15	5 57	14 28	14 48	17 40		n.a.
S 20	12 43	5 13	4 26	21 25	1 53	13 10	1 25	19 24	1 44	1 17	1 7	6 1	2 40	24 2	0 21	22 21	0 57	14 15	5 56	14 24	14 47	17 39		n.a.
S 21	12 23	1 3	3 49	21 8	1 58	12 43	1 24	19 33	1 44	1 22	1 7	6 0	2 40	24 2	0 21	22 21	0 57	14 16	5 56	14 21	14 46	17 38		n.a.
M22	12 2	3s14	3 1	20 48	2 1	12 16	1 24	19 41	1 44	1 27	1 7	5 59	2 40	24 2	0 21	22 21	0 57	14 16	5 56	14 18	14 45	17 36		n.a.
T 23	11 41	7 25	2 3	20 28	2 4	11 48	1 24	19 49	1 44	1 32	1 7	5 58	2 40	24 2	0 21	22 21	0 57	14 16	5 56	14 16	14 44	17 35		n.a.
W24	11 20	11 20	0 58	20 5	2 7	11 20	1 23	19 57	1 44	1 38	1 7	5 57	2 40	24 2	0 21	22 21	0 57	14 16	5 56	14 16	14 43	17 34		n.a.
T 25	10 58	14 46	0n11	19 41	2 10	10 52	1 23	20 5	1 43	1 43	1 7	5 56	2 41	24 2	0 21	22 21	0 57	14 17	5 55	14 15	14 42	17 33		n.a.
F 26	10 37	17 30	1 22	19 15	2 12	10 24	1 22	20 13	1 43	1 48	1 6	5 55	2 41	24 1	0 21	22 22	0 57	14 17	5 55	14 16	14 41	17 31		n.a.
S 27	10 15	19 17	2 29	18 48	2 13	9 55	1 21	20 21	1 43	1 53	1 6	5 54	2 41	24 1	0 21	22 22	0 57	14 17	5 55	14 16	14 40	17 30		n.a.
S 28	9s54	19s57	3n29	18s19	2s14	9s26	1s21	20n29	1n43	1n59	1s 6	5s53	2n41	24n 1	0n21	22s22	0n57	14n17	5s55	14s15	14s39	17n29		n.a.

Julian Day Number = 1606765.5, Delta T = 03h55m46s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'20, Lahiri = - 8°17'20 Julian Calendar 1 Feb. 314 BCE == Greg. Calendar 27 Jan. 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

MARCH 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 14 48	5♓42'45	5♉21	17♒49	10♓30	23♉48	7♈40	21°R11	26°R 4	19♐27	28♉27	7°R40	8♏53	19♋40	n.a.	M 1
T 2	10 18 44	6°41'49	19°59	19°31	11°45	24°19	7°53	21♎ 8	26♊ 4	19°28	28°28	7♏34	8°50	19°46	n.a.	T 2
W 3	10 22 41	7°40'52	4♒49	21°14	12°59	24°51	8° 6	21° 6	26° 3	19°29	28°28	7°27	8°47	19°53	n.a.	W 3
T 4	10 26 38	8°39'53	19°43	22°59	14°13	25°22	8°20	21° 3	26° 3	19°30	28°28	7°18	8°44	20° 0	n.a.	T 4
F 5	10 30 34	9°38'52	4♓34	24°45	15°28	25°53	8°33	21° 0	26° 3	19°30	28°29	7° 9	8°41	20° 6	n.a.	F 5
S 6	10 34 31	10°37'49	19°11	26°32	16°42	26°25	8°46	20°58	26° 3	19°31	28°29	7° 0	8°38	20°13	n.a.	S 6
S 7	10 38 27	11°36'43	3♈28	28°21	17°56	26°57	9° 0	20°55	26° 3	19°32	28°30	6°54	8°34	20°20	n.a.	S 7
M 8	10 42 24	12°35'35	17°21	0♓12	19°10	27°28	9°13	20°52	26° 3	19°32	28°30	6°50	8°31	20°27	n.a.	M 8
T 9	10 46 20	13°34'25	0♉46	2° 4	20°25	28° 0	9°27	20°49	26°D 3	19°33	28°30	6°D48	8°28	20°33	n.a.	T 9
W10	10 50 17	14°33'13	13°46	3°57	21°39	28°32	9°40	20°46	26° 3	19°34	28°31	6°48	8°25	20°40	n.a.	W10
T 11	10 54 13	15°31'58	26°23	5°52	22°53	29° 4	9°54	20°42	26° 3	19°34	28°32	6°49	8°22	20°47	n.a.	T 11
F 12	10 58 10	16°30'41	8♊42	7°48	24° 7	29°36	10° 7	20°39	26° 3	19°35	28°32	6°50	8°18	20°53	n.a.	F 12
S 13	11 2 7	17°29'22	20°46	9°46	25°21	0♊ 9	10°21	20°36	26° 3	19°35	28°33	6°R51	8°15	21° 0	n.a.	S 13
S 14	11 6 3	18°28'01	2♋41	11°45	26°35	0°41	10°34	20°32	26° 3	19°36	28°33	6°49	8°12	21° 7	n.a.	S 14
M15	11 10 0	19°26'37	14°33	13°46	27°49	1°13	10°48	20°29	26° 4	19°36	28°34	6°46	8° 9	21°14	n.a.	M15
T 16	11 13 56	20°25'11	26°25	15°48	29° 4	1°46	11° 2	20°26	26° 4	19°36	28°34	6°41	8° 6	21°20	n.a.	T 16
W17	11 17 53	21°23'42	8♌21	17°51	0♈18	2°18	11°16	20°22	26° 4	19°37	28°35	6°34	8° 3	21°27	n.a.	W17
T 18	11 21 49	22°22'12	20°25	19°55	1°32	2°51	11°29	20°18	26° 5	19°37	28°36	6°26	7°59	21°34	n.a.	T 18
F 19	11 25 46	23°20'39	2♍39	22° 0	2°46	3°24	11°43	20°15	26° 5	19°37	28°36	6°18	7°56	21°41	n.a.	F 19
S 20	11 29 42	24°19'04	15° 5	24° 7	4° 0	3°57	11°57	20°11	26° 6	19°38	28°37	6°11	7°53	21°47	n.a.	S 20
S 21	11 33 39	25°17'27	27°42	26°14	5°14	4°30	12°11	20° 7	26° 6	19°38	28°38	6° 5	7°50	21°54	n.a.	S 21
M22	11 37 35	26°15'48	10♎32	28°21	6°27	5° 3	12°25	20° 3	26° 7	19°38	28°39	6° 0	7°47	22° 1	n.a.	M22
T 23	11 41 32	27°14'07	23°33	0♈29	7°41	5°36	12°39	19°59	26° 8	19°38	28°39	5°57	7°43	22° 7	n.a.	T 23
W24	11 45 29	28°12'25	6♏47	2°37	8°55	6° 9	12°53	19°55	26° 9	19°38	28°40	5°D57	7°40	22°14	n.a.	W24
T 25	11 49 25	29°10'41	20°13	4°45	10° 9	6°42	13° 7	19°52	26° 9	19°38	28°41	5°57	7°37	22°21	n.a.	T 25
F 26	11 53 22	0♈ 8'55	3♐51	6°52	11°23	7°15	13°21	19°47	26°10	19°38	28°42	5°59	7°34	22°28	n.a.	F 26
S 27	11 57 18	1° 7'08	17°41	8°59	12°37	7°48	13°35	19°43	26°11	19°R38	28°43	6° 0	7°31	22°34	n.a.	S 27
S 28	12 1 15	2° 5'19	1♑42	11° 4	13°51	8°22	13°49	19°39	26°12	19°38	28°44	6°R 1	7°28	22°41	n.a.	S 28
M29	12 5 11	3° 3'29	15°55	13° 9	15° 5	8°55	14° 3	19°35	26°13	19°38	28°44	6° 0	7°24	22°48	n.a.	M29
T 30	12 9 8	4° 1'37	0♒16	15°11	16°18	9°29	14°17	19°31	26°14	19°38	28°45	5°58	7°21	22°54	n.a.	T 30
W31	12 13 4	4♈59'43	14♒42	17♈12	17♈32	10♊ 2	14♈31	19♎27	26♊15	19♐38	28♉46	5♏55	7♏18	23♋ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	9s32	19s20	4n18	17s49	2s15	8s57	1s20	20n37	1n43	2n 4	1s 6	5s52	2n41	24n 1	0n21	22s22	0n57	14n18	5s55	14s14	14s38	17n28			n.a.
T 2	9 10	17 26	4 50	17 16	2 15	8 27	1 19	20 44	1 43	2 10	1 6	5 51	2 42	24 1	0 21	22 22	0 57	14 18	5 55	14 12	14 37	17 26			n.a.
W 3	8 47	14 23	5 4	16 43	2 14	7 58	1 18	20 52	1 43	2 15	1 6	5 50	2 42	24 1	0 21	22 22	0 57	14 18	5 54	14 10	14 36	17 25			n.a.
T 4	8 25	10 23	4 57	16 7	2 13	7 28	1 17	21 0	1 43	2 20	1 6	5 49	2 42	24 1	0 21	22 22	0 57	14 18	5 54	14 7	14 35	17 24			n.a.
F 5	8 3	5 46	4 30	15 30	2 12	6 58	1 16	21 7	1 42	2 26	1 5	5 48	2 42	24 1	0 21	22 22	0 57	14 19	5 54	14 4	14 34	17 23			n.a.
S 6	7 40	0 52	3 46	14 51	2 10	6 28	1 15	21 15	1 42	2 31	1 5	5 46	2 42	24 1	0 21	22 22	0 57	14 19	5 54	14 1	14 33	17 21			n.a.
S 7	7 18	3n58	2 49	14 11	2 7	5 57	1 14	21 22	1 42	2 37	1 5	5 45	2 42	24 1	0 21	22 22	0 57	14 19	5 54	13 59	14 32	17 20			n.a.
M 8	6 55	8 28	1 42	13 29	2 4	5 27	1 12	21 29	1 42	2 42	1 5	5 44	2 43	24 1	0 21	22 22	0 57	14 19	5 53	13 58	14 31	17 19			n.a.
T 9	6 32	12 23	0 32	12 45	2 1	4 56	1 11	21 37	1 42	2 48	1 5	5 43	2 43	24 1	0 21	22 22	0 57	14 20	5 53	13 57	14 30	17 18			n.a.
W10	6 9	15 34	0s37	11 59	1 57	4 25	1 10	21 44	1 42	2 53	1 5	5 41	2 43	24 1	0 21	22 22	0 57	14 20	5 53	13 57	14 29	17 16			n.a.
T 11	5 46	17 54	1 43	11 12	1 52	3 54	1 8	21 51	1 41	2 59	1 5	5 40	2 43	24 1	0 21	22 22	0 57	14 20	5 53	13 57	14 28	17 15			n.a.
F 12	5 23	19 20	2 43	10 24	1 47	3 23	1 7	21 58	1 41	3 4	1 4	5 39	2 43	24 1	0 21	22 22	0 57	14 21	5 53	13 58	14 27	17 14			n.a.
S 13	5 0	19 51	3 34	9 34	1 41	2 52	1 6	22 5	1 41	3 10	1 4	5 37	2 43	24 1	0 21	22 22	0 57	14 21	5 53	13 58	14 26	17 13			n.a.
S 14	4 37	19 27	4 15	8 42	1 35	2 21	1 4	22 11	1 41	3 15	1 4	5 36	2 44	24 1	0 21	22 22	0 57	14 21	5 52	13 57	14 25	17 11			n.a.
M15	4 14	18 12	4 45	7 49	1 29	1 50	1 2	22 18	1 41	3 21	1 4	5 34	2 44	24 1	0 21	22 22	0 57	14 21	5 52	13 56	14 24	17 10			n.a.
T 16	3 50	16 10	5 3	6 55	1 21	1 18	1 1	22 25	1 41	3 26	1 4	5 33	2 44	24 1	0 21	22 22	0 57	14 22	5 52	13 55	14 23	17 9			n.a.
W17	3 27	13 27	5 8	5 59	1 14	0 47	0 59	22 31	1 40	3 32	1 4	5 31	2 44	24 1	0 21	22 22	0 57	14 22	5 52	13 52	14 22	17 8			n.a.
T 18	3 4	10 8	4 59	5 2	1 5	0 16	0 57	22 37	1 40	3 37	1 4	5 30	2 44	24 1	0 21	22 22	0 57	14 22	5 52	13 50	14 21	17 6			n.a.
F 19	2 40	6 21	4 36	4 4	0 57	0n16	0 56	22 44	1 40	3 43	1 4	5 28	2 44	24 1	0 21	22 22	0 57	14 23	5 51	13 47	14 20	17 5			n.a.
S 20	2 17	2 15	4 0	3 5	0 47	0 47	0 54	22 50	1 40	3 48	1 4	5 27	2 44	24 1	0 21	22 22	0 57	14 23	5 51	13 45	14 18	17 4			n.a.
S 21	1 54	2s 1	3 12	2 6	0 38	1 19	0 52	22 56	1 40	3 54	1 3	5 25	2 44	24 1	0 21	22 22	0 57	14 23	5 51	13 43	14 17	17 2			n.a.
M22	1 30	6 16	2 14	1 5	0 28	1 50	0 50	23 2	1 40	4 0	1 3	5 24	2 44	24 1	0 21	22 22	0 57	14 24	5 51	13 41	14 16	17 1			n.a.
T 23	1 7	10 17	1 7	0 4	0 18	2 21	0 48	23 8	1 39	4 5	1 3	5 22	2 45	24 1	0 21	22 22	0 57	14 24	5 51	13 40	14 15	17 0			n.a.
W24	0 43	13 52	0n 5	0n57	0 7	2 52	0 46	23 13	1 39	4 11	1 3	5 21	2 45	24 1	0 21	22 22	0 57	14 24	5 51	13 40	14 14	16 59			n.a.
T 25	0 20	16 47	1 17	1 58	0n 4	3 24	0 44	23 19	1 39	4 16	1 3	5 19	2 45	24 1	0 21	22 22	0 57	14 25	5 50	13 40	14 13	16 57			n.a.
F 26	0n 4	18 47	2 26	2 59	0 15	3 55	0 42	23 25	1 39	4 22	1 3	5 18	2 45	24 1	0 21	22 22	0 57	14 25	5 50	13 41	14 12	16 56			n.a.
S 27	0 27	19 42	3 28	4 0	0 26	4 26	0 40	23 30	1 39	4 27	1 3	5 16	2 45	24 1	0 21	22 22	0 57	14 25	5 50	13 41	14 11	16 55			n.a.
S 28	0 50	19 25	4 18	5 0	0 37	4 57	0 38	23 35	1 38	4 33	1 3	5 14	2 45	24 1	0 21	22 22	0 57	14 26	5 50	13 41	14 10	16 53			n.a.
M29	1 14	17 55	4 53	5 59	0 47	5 28	0 35	23 40	1 38	4 39	1 3	5 13	2 45	24 1	0 21	22 22	0 57	14 26	5 50	13 41	14 9	16 52			n.a.
T 30	1 37	15 17	5 11	6 57	0 58	5 59	0 33	23 45	1 38	4 44	1 3	5 11	2 45	24 1	0 21	22 22	0 57	14 26	5 50	13 40	14 8	16 51			n.a.
W31	2n 0	11s42	5n 8	7n53	1n 9	6n29	0s31	23n50	1n38	4n50	1s 3	5s 9	2n45	24n 1	0n21	22s22	0n58	14n27	5s49	13s39	14s 7	16n49			n.a.

Julian Day Number = 1606793.5, Delta T = 03h55m45s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'17, Lahiri = - 8°17'16 Julian Calendar 1 March 314 BCE == Greg. Calendar 24 Feb. 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

APRIL 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 17 1	5♈57'48	29♒10	19♈10	18♈46	10♊36	14♈45	19°R22	26♊17	19°R38	28♉47	5°R51	7♏15	23♋ 8	n.a.	T 1
F 2	12 20 58	6°55'51	13♓33	21° 6	20° 0	11°10	14°59	19♎18	26°18	19♐38	28°48	5♏46	7°12	23°15	n.a.	F 2
S 3	12 24 54	7°53'53	27°46	22°59	21°13	11°43	15°13	19°14	26°19	19°38	28°49	5°43	7° 9	23°21	n.a.	S 3
S 4	12 28 51	8°51'53	11♈44	24°50	22°27	12°17	15°27	19°10	26°21	19°37	28°50	5°40	7° 5	23°28	n.a.	S 4
M 5	12 32 47	9°49'51	25°23	26°37	23°41	12°51	15°41	19° 5	26°22	19°37	28°51	5°38	7° 2	23°35	n.a.	M 5
T 6	12 36 44	10°47'48	8♉41	28°21	24°54	13°25	15°55	19° 1	26°23	19°37	28°52	5°D38	6°59	23°41	n.a.	T 6
W 7	12 40 40	11°45'43	21°38	0♉ 1	26° 8	13°59	16°10	18°56	26°25	19°37	28°53	5°39	6°56	23°48	n.a.	W 7
T 8	12 44 37	12°43'36	4♊15	1°38	27°21	14°33	16°24	18°52	26°26	19°36	28°54	5°40	6°53	23°55	n.a.	T 8
F 9	12 48 33	13°41'27	16°35	3°12	28°35	15° 7	16°38	18°48	26°28	19°36	28°55	5°42	6°49	24° 2	n.a.	F 9
S 10	12 52 30	14°39'17	28°42	4°41	29°49	15°42	16°52	18°43	26°30	19°35	28°56	5°43	6°46	24° 8	n.a.	S 10
S 11	12 56 26	15°37'04	10♋40	6° 7	1♉ 2	16°16	17° 6	18°39	26°31	19°35	28°57	5°R44	6°43	24°15	n.a.	S 11
M12	13 0 23	16°34'50	22°33	7°30	2°16	16°50	17°20	18°34	26°33	19°34	28°59	5°44	6°40	24°22	n.a.	M12
T 13	13 4 20	17°32'34	4♌27	8°48	3°29	17°25	17°35	18°30	26°35	19°34	29° 0	5°43	6°37	24°28	n.a.	T 13
W14	13 8 16	18°30'16	16°25	10° 2	4°43	17°59	17°49	18°25	26°37	19°33	29° 1	5°41	6°34	24°35	n.a.	W14
T 15	13 12 13	19°27'57	28°33	11°13	5°56	18°33	18° 3	18°21	26°38	19°33	29° 2	5°39	6°30	24°42	n.a.	T 15
F 16	13 16 9	20°25'36	10♍52	12°19	7° 9	19° 8	18°17	18°16	26°40	19°32	29° 3	5°37	6°27	24°49	n.a.	F 16
S 17	13 20 6	21°23'13	23°27	13°21	8°23	19°43	18°31	18°12	26°42	19°32	29° 4	5°35	6°24	24°55	n.a.	S 17
S 18	13 24 2	22°20'49	6♎18	14°19	9°36	20°17	18°45	18° 8	26°44	19°31	29° 5	5°33	6°21	25° 2	n.a.	S 18
M19	13 27 59	23°18'23	19°25	15°13	10°49	20°52	18°59	18° 3	26°46	19°30	29° 7	5°32	6°18	25° 9	n.a.	M19
T 20	13 31 55	24°15'56	2♏49	16° 3	12° 3	21°26	19°13	17°59	26°48	19°29	29° 8	5°D32	6°15	25°16	n.a.	T 20
W21	13 35 52	25°13'28	16°28	16°48	13°16	22° 1	19°28	17°54	26°51	19°29	29° 9	5°32	6°11	25°22	n.a.	W21
T 22	13 39 49	26°10'59	0♐19	17°28	14°29	22°36	19°42	17°50	26°53	19°28	29°10	5°32	6° 8	25°29	n.a.	T 22
F 23	13 43 45	27° 8'28	14°21	18° 5	15°43	23°11	19°56	17°46	26°55	19°27	29°12	5°33	6° 5	25°36	n.a.	F 23
S 24	13 47 42	28° 5'57	28°30	18°36	16°56	23°46	20°10	17°41	26°57	19°26	29°13	5°34	6° 2	25°42	n.a.	S 24
S 25	13 51 38	29° 3'25	12♑43	19° 3	18° 9	24°21	20°24	17°37	26°59	19°25	29°14	5°34	5°59	25°49	n.a.	S 25
M26	13 55 35	0♉ 0'52	26°58	19°26	19°22	24°56	20°38	17°33	27° 2	19°25	29°15	5°R34	5°55	25°56	n.a.	M26
T 27	13 59 31	0°58'18	11♒12	19°43	20°35	25°31	20°52	17°28	27° 4	19°24	29°17	5°34	5°52	26° 3	n.a.	T 27
W28	14 3 28	1°55'43	25°22	19°57	21°49	26° 6	21° 6	17°24	27° 7	19°23	29°18	5°34	5°49	26° 9	n.a.	W28
T 29	14 7 24	2°53'07	9♓26	20° 5	23° 2	26°41	21°20	17°20	27° 9	19°22	29°19	5°34	5°46	26°16	n.a.	T 29
F 30	14 11 21	3♉50'31	23♓22	20°R 9	24♉15	27♊16	21♈34	17♎16	27♊12	19♐21	29♉21	5♏34	5♏43	26♋23	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n24	7s26	4n47	8n48	1n19	7n 0	0s29	23n55	1n38	4n55	1s 2	5s 8	2n45	24n 1	0n21	22s22	0n58	14n27	5s49	13s38	14s 6	16n48		n.a.
F 2	2 47	2 45	4 7	9 42	1 28	7 30	0 26	24 0	1 37	5 1	1 2	5 6	2 45	24 2	0 21	22 22	0 58	14 27	5 49	13 36	14 5	16 47		n.a.
S 3	3 10	2n 3	3 13	10 33	1 38	8 0	0 24	24 4	1 37	5 7	1 2	5 4	2 45	24 2	0 21	22 22	0 58	14 28	5 49	13 35	14 4	16 45		n.a.
S 4	3 33	6 39	2 7	11 23	1 47	8 30	0 22	24 9	1 37	5 12	1 2	5 3	2 45	24 2	0 21	22 22	0 58	14 28	5 49	13 34	14 3	16 44		n.a.
M 5	3 56	10 48	0 56	12 10	1 55	9 0	0 19	24 13	1 37	5 18	1 2	5 1	2 45	24 2	0 21	22 22	0 58	14 29	5 49	13 34	14 2	16 43		n.a.
T 6	4 19	14 18	0s17	12 55	2 3	9 30	0 17	24 17	1 36	5 23	1 2	4 59	2 45	24 2	0 21	22 22	0 58	14 29	5 49	13 34	14 1	16 41		n.a.
W 7	4 42	17 0	1 27	13 38	2 9	9 59	0 15	24 21	1 36	5 29	1 2	4 58	2 45	24 2	0 21	22 22	0 58	14 29	5 48	13 34	14 0	16 40		n.a.
T 8	5 5	18 47	2 31	14 18	2 16	10 28	0 12	24 25	1 36	5 34	1 2	4 56	2 45	24 2	0 21	22 22	0 58	14 30	5 48	13 34	13 59	16 39		n.a.
F 9	5 28	19 37	3 27	14 56	2 21	10 57	0 10	24 29	1 36	5 40	1 2	4 54	2 45	24 2	0 21	22 22	0 58	14 30	5 48	13 35	13 57	16 37		n.a.
S 10	5 51	19 32	4 12	15 32	2 26	11 26	0 7	24 32	1 36	5 45	1 2	4 52	2 45	24 2	0 21	22 22	0 58	14 30	5 48	13 35	13 56	16 36		n.a.
S 11	6 13	18 33	4 46	16 5	2 30	11 54	0 5	24 36	1 35	5 51	1 2	4 51	2 45	24 2	0 21	22 21	0 58	14 31	5 48	13 36	13 55	16 35		n.a.
M12	6 36	16 46	5 7	16 35	2 33	12 22	0 2	24 39	1 35	5 56	1 2	4 49	2 45	24 2	0 21	22 21	0 58	14 31	5 48	13 35	13 54	16 33		n.a.
T 13	6 58	14 17	5 15	17 3	2 36	12 50	0n 0	24 42	1 35	6 2	1 2	4 47	2 45	24 2	0 21	22 21	0 58	14 31	5 48	13 35	13 53	16 32		n.a.
W14	7 20	11 11	5 10	17 29	2 37	13 17	0 3	24 45	1 35	6 7	1 2	4 46	2 45	24 2	0 21	22 21	0 58	14 32	5 47	13 35	13 52	16 31		n.a.
T 15	7 42	7 35	4 51	17 52	2 37	13 45	0 5	24 48	1 34	6 13	1 1	4 44	2 45	24 2	0 21	22 21	0 58	14 32	5 47	13 34	13 51	16 29		n.a.
F 16	8 4	3 36	4 18	18 13	2 37	14 11	0 8	24 51	1 34	6 18	1 1	4 42	2 45	24 2	0 21	22 21	0 58	14 33	5 47	13 33	13 50	16 28		n.a.
S 17	8 26	0s36	3 32	18 31	2 36	14 38	0 10	24 53	1 34	6 24	1 1	4 41	2 45	24 2	0 21	22 21	0 58	14 33	5 47	13 32	13 49	16 27		n.a.
S 18	8 48	4 53	2 35	18 46	2 34	15 4	0 13	24 56	1 34	6 29	1 1	4 39	2 45	24 2	0 21	22 21	0 58	14 33	5 47	13 32	13 48	16 25		n.a.
M19	9 10	9 3	1 28	19 0	2 31	15 30	0 15	24 58	1 33	6 35	1 1	4 37	2 45	24 2	0 21	22 21	0 58	14 34	5 47	13 32	13 47	16 24		n.a.
T 20	9 31	12 50	0 15	19 10	2 26	15 55	0 18	25 0	1 33	6 40	1 1	4 36	2 45	24 2	0 21	22 21	0 58	14 34	5 47	13 31	13 46	16 23		n.a.
W21	9 53	16 0	1n 0	19 19	2 21	16 20	0 21	25 2	1 33	6 46	1 1	4 34	2 45	24 2	0 21	22 21	0 58	14 35	5 46	13 31	13 45	16 21		n.a.
T 22	10 14	18 18	2 13	19 25	2 15	16 45	0 23	25 4	1 33	6 51	1 1	4 32	2 45	24 2	0 21	22 21	0 58	14 35	5 46	13 32	13 44	16 20		n.a.
F 23	10 35	19 31	3 19	19 29	2 8	17 9	0 26	25 5	1 32	6 57	1 1	4 31	2 45	24 2	0 21	22 21	0 58	14 35	5 46	13 32	13 43	16 18		n.a.
S 24	10 56	19 30	4 13	19 30	2 0	17 33	0 28	25 7	1 32	7 2	1 1	4 29	2 45	24 2	0 21	22 21	0 58	14 36	5 46	13 32	13 42	16 17		n.a.
S 25	11 16	18 16	4 52	19 29	1 52	17 56	0 31	25 8	1 32	7 7	1 1	4 28	2 45	24 2	0 21	22 20	0 58	14 36	5 46	13 32	13 41	16 16		n.a.
M26	11 37	15 54	5 13	19 26	1 42	18 19	0 33	25 9	1 32	7 13	1 1	4 26	2 45	24 2	0 21	22 20	0 58	14 36	5 46	13 32	13 39	16 14		n.a.
T 27	11 57	12 34	5 15	19 20	1 31	18 41	0 36	25 10	1 31	7 18	1 1	4 24	2 45	24 2	0 21	22 20	0 58	14 37	5 46	13 32	13 38	16 13		n.a.
W28	12 17	8 33	4 58	19 12	1 19	19 3	0 38	25 11	1 31	7 23	1 1	4 23	2 45	24 3	0 21	22 20	0 58	14 37	5 46	13 32	13 37	16 12		n.a.
T 29	12 37	4 4	4 23	19 3	1 6	19 24	0 41	25 12	1 31	7 29	1 1	4 21	2 45	24 3	0 21	22 20	0 58	14 38	5 46	13 32	13 36	16 10		n.a.
F 30	12n57	0n36	3n33	18n51	0n53	19n45	0n43	25n13	1n31	7n34	1s 1	4s20	2n44	24n 3	0n21	22s20	0n58	14n38	5s45	13s32	13s35	16n 9		n.a.

Julian Day Number = 1606824.5, Delta T = 03h55m44s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'12, Lahiri = - 8°17'12 Julian Calendar 1 Apr. 314 BCE == Greg. Calendar 27 March 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

MAY 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 15 18	4♉47'54	7♈ 7	20°R 8	25♉28	27♊51	21♈48	17°R11	27♊14	19°R20	29♉22	5°R33	5♏40	26♋29	n.a.	S 1
S 2	14 19 14	5°45'15	20°39	20♉ 2	26°41	28°27	22° 2	17♎ 7	27°17	19♐19	29°23	5°D33	5°36	26°36	n.a.	S 2
M 3	14 23 11	6°42'36	3♉56	19°53	27°54	29° 2	22°16	17° 3	27°19	19°18	29°25	5°R33	5°33	26°43	n.a.	M 3
T 4	14 27 7	7°39'57	16°58	19°39	29° 7	29°37	22°29	16°59	27°22	19°17	29°26	5♏33	5°30	26°50	n.a.	T 4
W 5	14 31 4	8°37'16	29°44	19°21	0♊20	0♋13	22°43	16°55	27°25	19°15	29°27	5°33	5°27	26°56	n.a.	W 5
T 6	14 35 0	9°34'34	12♊15	19° 0	1°33	0°48	22°57	16°51	27°27	19°14	29°29	5°33	5°24	27° 3	n.a.	T 6
F 7	14 38 57	10°31'52	24°31	18°36	2°46	1°24	23°11	16°47	27°30	19°13	29°30	5°32	5°20	27°10	n.a.	F 7
S 8	14 42 53	11°29'08	6♋37	18° 9	3°59	1°59	23°25	16°44	27°33	19°12	29°32	5°32	5°17	27°17	n.a.	S 8
S 9	14 46 50	12°26'23	18°35	17°39	5°12	2°35	23°38	16°40	27°36	19°11	29°33	5°31	5°14	27°23	n.a.	S 9
M10	14 50 47	13°23'38	0♌29	17° 7	6°25	3°10	23°52	16°36	27°38	19°10	29°34	5°30	5°11	27°30	n.a.	M10
T 11	14 54 43	14°20'51	12°22	16°35	7°37	3°46	24° 6	16°32	27°41	19° 8	29°36	5°D30	5° 8	27°37	n.a.	T 11
W12	14 58 40	15°18'04	24°21	16° 1	8°50	4°22	24°19	16°29	27°44	19° 7	29°37	5°30	5° 5	27°43	n.a.	W12
T 13	15 2 36	16°15'15	6♍28	15°27	10° 3	4°58	24°33	16°25	27°47	19° 6	29°39	5°31	5° 1	27°50	n.a.	T 13
F 14	15 6 33	17°12'26	18°49	14°54	11°16	5°33	24°47	16°22	27°50	19° 4	29°40	5°32	4°58	27°57	n.a.	F 14
S 15	15 10 29	18° 9'36	1♎28	14°21	12°28	6° 9	25° 0	16°18	27°53	19° 3	29°42	5°33	4°55	28° 4	n.a.	S 15
S 16	15 14 26	19° 6'45	14°26	13°51	13°41	6°45	25°14	16°15	27°56	19° 2	29°43	5°34	4°52	28°10	n.a.	S 16
M17	15 18 22	20° 3'53	27°47	13°22	14°54	7°21	25°27	16°11	27°59	19° 0	29°44	5°34	4°49	28°17	n.a.	M17
T 18	15 22 19	21° 1'01	11♏29	12°55	16° 7	7°57	25°40	16° 8	28° 2	18°59	29°46	5°R34	4°46	28°24	n.a.	T 18
W19	15 26 16	21°58'09	25°30	12°32	17°19	8°33	25°54	16° 5	28° 5	18°58	29°47	5°34	4°42	28°30	n.a.	W19
T 20	15 30 12	22°55'16	9♐49	12°12	18°32	9° 9	26° 7	16° 2	28° 9	18°56	29°49	5°32	4°39	28°37	n.a.	T 20
F 21	15 34 9	23°52'23	24°18	11°55	19°44	9°45	26°20	15°59	28°12	18°55	29°50	5°30	4°36	28°44	n.a.	F 21
S 22	15 38 5	24°49'30	8♑53	11°43	20°57	10°21	26°34	15°56	28°15	18°53	29°52	5°28	4°33	28°51	n.a.	S 22
S 23	15 42 2	25°46'36	23°27	11°35	22° 9	10°57	26°47	15°53	28°18	18°52	29°53	5°25	4°30	28°57	n.a.	S 23
M24	15 45 58	26°43'43	7♒54	11°D32	23°22	11°33	27° 0	15°50	28°21	18°51	29°55	5°24	4°26	29° 4	n.a.	M24
T 25	15 49 55	27°40'49	22°12	11°33	24°34	12°10	27°13	15°47	28°25	18°49	29°56	5°D23	4°23	29°11	n.a.	T 25
W26	15 53 51	28°37'56	6♓16	11°38	25°47	12°46	27°26	15°45	28°28	18°48	29°57	5°23	4°20	29°18	n.a.	W26
T 27	15 57 48	29°35'03	20° 6	11°49	26°59	13°22	27°39	15°42	28°31	18°46	29°59	5°24	4°17	29°24	n.a.	T 27
F 28	16 1 45	0♈32'10	3♈42	12° 4	28°11	13°58	27°52	15°39	28°34	18°45	0♊ 0	5°25	4°14	29°31	n.a.	F 28
S 29	16 5 41	1°29'17	17° 3	12°24	29°24	14°35	28° 5	15°37	28°38	18°43	0° 2	5°27	4°11	29°38	n.a.	S 29
S 30	16 9 38	2°26'24	0♉10	12°49	0♋36	15°11	28°18	15°35	28°41	18°41	0° 3	5°R28	4° 7	29°44	n.a.	S 30
M31	16 13 34	3♊23'31	13♉ 5	13♉19	1♋48	15♋48	28♈30	15♎32	28♊45	18♐40	0♊ 5	5♏27	4♏ 4	29♋51	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n17	5n10	2n31	18n37	0n39	20n 6	0n45	25n13	1n30	7n39	1s 1	4s18	2n44	24n 3	0n21	22s20	0n58	14n38	5s45	13s32	13s34	16n 7		n.a.
S 2	13 36	9 25	1 22	18 21	0 24	20 25	0 48	25 13	1 30	7 45	1 1	4 17	2 44	24 3	0 21	22 20	0 58	14 39	5 45	13 32	13 33	16 6		n.a.
M 3	13 55	13 8	0 9	18 3	0 8	20 45	0 50	25 13	1 30	7 50	1 1	4 15	2 44	24 3	0 21	22 20	0 58	14 39	5 45	13 32	13 32	16 5		n.a.
T 4	14 14	16 6	1s 3	17 44	0s 8	21 3	0 52	25 13	1 29	7 55	1 1	4 14	2 44	24 3	0 21	22 20	0 58	14 40	5 45	13 32	13 31	16 3		n.a.
W 5	14 33	18 13	2 10	17 23	0 24	21 22	0 55	25 13	1 29	8 0	1 1	4 13	2 44	24 3	0 21	22 20	0 58	14 40	5 45	13 32	13 30	16 2		n.a.
T 6	14 51	19 24	3 10	17 1	0 41	21 39	0 57	25 13	1 29	8 5	1 1	4 11	2 44	24 3	0 21	22 19	0 58	14 40	5 45	13 32	13 29	16 0		n.a.
F 7	15 10	19 38	3 59	16 38	0 58	21 56	0 59	25 12	1 29	8 11	1 1	4 10	2 44	24 3	0 21	22 19	0 58	14 41	5 45	13 32	13 28	15 59		n.a.
S 8	15 28	18 57	4 37	16 14	1 15	22 12	1 1	25 11	1 28	8 16	1 1	4 8	2 43	24 3	0 21	22 19	0 58	14 41	5 45	13 31	13 27	15 58		n.a.
S 9	15 45	17 25	5 3	15 50	1 32	22 28	1 4	25 10	1 28	8 21	1 1	4 7	2 43	24 3	0 21	22 19	0 58	14 41	5 45	13 31	13 26	15 56		n.a.
M10	16 3	15 10	5 15	15 25	1 49	22 43	1 6	25 9	1 28	8 26	1 1	4 6	2 43	24 3	0 21	22 19	0 58	14 42	5 44	13 31	13 24	15 55		n.a.
T 11	16 20	12 16	5 14	15 0	2 5	22 58	1 8	25 8	1 27	8 31	1 1	4 4	2 43	24 3	0 21	22 19	0 58	14 42	5 44	13 31	13 23	15 53		n.a.
W12	16 37	8 51	5 0	14 35	2 21	23 12	1 10	25 7	1 27	8 36	1 1	4 3	2 43	24 3	0 21	22 19	0 58	14 43	5 44	13 31	13 22	15 52		n.a.
T 13	16 54	5 3	4 32	14 11	2 36	23 25	1 12	25 5	1 27	8 41	1 1	4 2	2 43	24 3	0 21	22 19	0 58	14 43	5 44	13 31	13 21	15 51		n.a.
F 14	17 11	0 57	3 51	13 48	2 50	23 37	1 14	25 3	1 27	8 46	1 1	4 1	2 42	24 3	0 21	22 19	0 58	14 43	5 44	13 31	13 20	15 49		n.a.
S 15	17 27	3s18	2 58	13 25	3 3	23 49	1 16	25 1	1 26	8 51	1 1	4 0	2 42	24 3	0 21	22 18	0 58	14 44	5 44	13 32	13 19	15 48		n.a.
S 16	17 43	7 31	1 54	13 5	3 16	24 1	1 18	24 59	1 26	8 56	1 1	3 58	2 42	24 3	0 21	22 18	0 58	14 44	5 44	13 32	13 18	15 46		n.a.
M17	17 58	11 29	0 43	12 46	3 27	24 11	1 20	24 57	1 26	9 1	1 1	3 57	2 42	24 3	0 21	22 18	0 58	14 44	5 44	13 32	13 17	15 45		n.a.
T 18	18 14	14 57	0n33	12 28	3 36	24 21	1 22	24 55	1 25	9 6	1 1	3 56	2 42	24 3	0 21	22 18	0 58	14 45	5 44	13 32	13 16	15 43		n.a.
W19	18 29	17 38	1 48	12 13	3 45	24 30	1 23	24 52	1 25	9 11	1 1	3 55	2 42	24 4	0 21	22 18	0 58	14 45	5 44	13 32	13 15	15 42		n.a.
T 20	18 44	19 16	2 58	12 0	3 52	24 38	1 25	24 49	1 25	9 16	1 1	3 54	2 41	24 4	0 21	22 18	0 58	14 46	5 44	13 32	13 14	15 41		n.a.
F 21	18 58	19 39	3 57	11 50	3 58	24 46	1 27	24 46	1 24	9 21	1 1	3 53	2 41	24 4	0 21	22 18	0 58	14 46	5 44	13 31	13 13	15 39		n.a.
S 22	19 12	18 45	4 42	11 42	4 2	24 53	1 28	24 43	1 24	9 25	1 1	3 52	2 41	24 4	0 20	22 18	0 58	14 46	5 44	13 30	13 12	15 38		n.a.
S 23	19 26	16 37	5 8	11 36	4 5	24 59	1 30	24 40	1 24	9 30	1 1	3 51	2 41	24 4	0 20	22 17	0 58	14 47	5 44	13 29	13 10	15 36		n.a.
M24	19 40	13 27	5 14	11 33	4 7	25 5	1 31	24 37	1 24	9 35	1 1	3 50	2 41	24 4	0 20	22 17	0 58	14 47	5 43	13 29	13 9	15 35		n.a.
T 25	19 53	9 32	5 1	11 33	4 8	25 10	1 33	24 33	1 23	9 40	1 1	3 49	2 40	24 4	0 20	22 17	0 58	14 47	5 43	13 28	13 8	15 33		n.a.
W26	20 6	5 8	4 30	11 35	4 7	25 14	1 34	24 29	1 23	9 45	1 1	3 49	2 40	24 4	0 20	22 17	0 58	14 48	5 43	13 29	13 7	15 32		n.a.
T 27	20 18	0 32	3 44	11 40	4 6	25 17	1 35	24 25	1 23	9 49	1 1	3 48	2 40	24 4	0 20	22 17	0 58	14 48	5 43	13 29	13 6	15 31		n.a.
F 28	20 31	4n 1	2 46	11 47	4 3	25 20	1 37	24 21	1 22	9 54	1 1	3 47	2 40	24 4	0 20	22 17	0 58	14 48	5 43	13 29	13 5	15 29		n.a.
S 29	20 43	8 18	1 39	11 57	3 59	25 21	1 38	24 17	1 22	9 58	1 1	3 46	2 39	24 4	0 20	22 17	0 58	14 49	5 43	13 30	13 4	15 28		n.a.
S 30	20 54	12 7	0 29	12 9	3 54	25 23	1 39	24 12	1 22	10 3	1 1	3 46	2 39	24 4	0 20	22 17	0 58	14 49	5 43	13 30	13 3	15 26		n.a.
M31	21n 5	15n18	0s42	12n24	3s48	25n23	1n40	24n 8	1n21	10n 8	1s 1	3s45	2n39	24n 4	0n20	22s16	0n58	14n49	5s43	13s30	13s 2	15n25		n.a.

Julian Day Number = 1606854.5, Delta T = 03h55m43s
Ecliptic obliquity = 23°43'53, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'08, Lahiri = - 8°17'08 Julian Calendar 1 May 314 BCE == Greg. Calendar 26 Apr. 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

JUNE 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 17 31	4♊20'39	25♉47	13♉53	3♋ 1	16♋24	28♈43	15°R30	28♊48	18°R38	0♊ 6	5°R26	4♏ 1	29♋58	n.a.	T 1
W 2	16 21 27	5°17'46	8♊18	14°32	4°13	17° 1	28°56	15♎28	28°51	18♐37	0° 8	5♏23	3°58	0♌ 5	n.a.	W 2
T 3	16 25 24	6°14'54	20°37	15°16	5°25	17°37	29° 8	15°26	28°55	18°35	0° 9	5°19	3°55	0°11	n.a.	T 3
F 4	16 29 21	7°12'02	2♋47	16° 5	6°37	18°14	29°21	15°24	28°58	18°34	0°11	5°14	3°52	0°18	n.a.	F 4
S 5	16 33 17	8° 9'10	14°49	16°58	7°49	18°51	29°33	15°22	29° 2	18°32	0°12	5° 8	3°48	0°25	n.a.	S 5
S 6	16 37 14	9° 6'17	26°44	17°55	9° 1	19°27	29°46	15°20	29° 5	18°31	0°13	5° 2	3°45	0°32	n.a.	S 6
M 7	16 41 10	10° 3'25	8♌37	18°57	10°13	20° 4	29°58	15°19	29° 9	18°29	0°15	4°58	3°42	0°38	n.a.	M 7
T 8	16 45 7	11° 0'33	20°29	20° 3	11°26	20°41	0♉10	15°17	29°12	18°27	0°16	4°54	3°39	0°45	n.a.	T 8
W 9	16 49 3	11°57'40	2♍26	21°14	12°38	21°18	0°23	15°16	29°16	18°26	0°18	4°52	3°36	0°52	n.a.	W 9
T 10	16 53 0	12°54'48	14°31	22°29	13°49	21°54	0°35	15°14	29°19	18°24	0°19	4°D52	3°32	0°58	n.a.	T 10
F 11	16 56 56	13°51'56	26°50	23°48	15° 1	22°31	0°47	15°13	29°23	18°22	0°21	4°52	3°29	1° 5	n.a.	F 11
S 12	17 0 53	14°49'04	9♎27	25°11	16°13	23° 8	0°59	15°12	29°27	18°21	0°22	4°54	3°26	1°12	n.a.	S 12
S 13	17 4 50	15°46'12	22°26	26°38	17°25	23°45	1°11	15°11	29°30	18°19	0°23	4°55	3°23	1°19	n.a.	S 13
M14	17 8 46	16°43'20	5♏50	28°10	18°37	24°22	1°22	15°10	29°34	18°18	0°25	4°R56	3°20	1°25	n.a.	M14
T 15	17 12 43	17°40'28	19°41	29°45	19°49	24°59	1°34	15° 9	29°37	18°16	0°26	4°55	3°17	1°32	n.a.	T 15
W16	17 16 39	18°37'37	3♐58	1♊23	21° 0	25°36	1°46	15° 8	29°41	18°14	0°28	4°52	3°13	1°39	n.a.	W16
T 17	17 20 36	19°34'47	18°36	3° 6	22°12	26°13	1°57	15° 7	29°45	18°13	0°29	4°47	3°10	1°45	n.a.	T 17
F 18	17 24 32	20°31'57	3♑29	4°51	23°24	26°51	2° 9	15° 6	29°48	18°11	0°30	4°41	3° 7	1°52	n.a.	F 18
S 19	17 28 29	21°29'08	18°30	6°41	24°35	27°28	2°20	15° 6	29°52	18°10	0°32	4°34	3° 4	1°59	n.a.	S 19
S 20	17 32 25	22°26'19	3♒27	8°33	25°47	28° 5	2°32	15° 5	29°56	18° 8	0°33	4°28	3° 1	2° 6	n.a.	S 20
M21	17 36 22	23°23'31	18°14	10°27	26°58	28°42	2°43	15° 5	29°59	18° 6	0°35	4°22	2°58	2°12	n.a.	M21
T 22	17 40 19	24°20'44	2♓43	12°25	28°10	29°20	2°54	15° 5	0♋ 3	18° 5	0°36	4°18	2°54	2°19	n.a.	T 22
W23	17 44 15	25°17'59	16°51	14°24	29°21	29°57	3° 5	15° 5	0° 7	18° 3	0°37	4°16	2°51	2°26	n.a.	W23
T 24	17 48 12	26°15'14	0♈38	16°26	0♌32	0♌34	3°16	15°D 4	0°10	18° 1	0°39	4°D16	2°48	2°33	n.a.	T 24
F 25	17 52 8	27°12'30	14° 3	18°29	1°44	1°12	3°27	15° 5	0°14	18° 0	0°40	4°17	2°45	2°39	n.a.	F 25
S 26	17 56 5	28° 9'48	27°10	20°33	2°55	1°49	3°38	15° 5	0°18	17°58	0°41	4°18	2°42	2°46	n.a.	S 26
S 27	18 0 1	29° 7'06	10♉ 0	22°38	4° 6	2°27	3°49	15° 5	0°21	17°57	0°43	4°R18	2°38	2°53	n.a.	S 27
M28	18 3 58	0♋ 4'26	22°36	24°44	5°17	3° 4	3°59	15° 5	0°25	17°55	0°44	4°16	2°35	2°59	n.a.	M28
T 29	18 7 54	1° 1'47	5♊ 1	26°50	6°28	3°42	4°10	15° 6	0°29	17°54	0°45	4°12	2°32	3° 6	n.a.	T 29
W30	18 11 51	1♋59'09	17♊17	28♊56	7♌39	4♌20	4♉20	15♎ 6	0♋32	17♐52	0♊46	4♏ 6	2♏29	3♌13	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n16	17n40	1s49	12n40	3s42	25n23	1n41	24n 3	1n21	10n12	1s 1	3s44	2n39	24n 4	0n20	22s16	0n58	14n50	5s43	13s30	13s 1	15n23		n.a.
W 2	21 27	19 10	2 50	12 59	3 34	25 21	1 42	23 58	1 21	10 17	1 1	3 44	2 39	24 4	0 21	22 16	0 58	14 50	5 43	13 29	13 0	15 22		n.a.
T 3	21 37	19 42	3 42	13 20	3 26	25 20	1 42	23 53	1 20	10 21	1 1	3 43	2 38	24 4	0 21	22 16	0 58	14 50	5 43	13 27	12 59	15 20		n.a.
F 4	21 47	19 19	4 23	13 42	3 17	25 17	1 43	23 48	1 20	10 26	1 1	3 43	2 38	24 4	0 21	22 16	0 58	14 51	5 43	13 25	12 57	15 19		n.a.
S 5	21 56	18 4	4 52	14 6	3 8	25 14	1 44	23 42	1 20	10 30	1 1	3 42	2 38	24 4	0 21	22 16	0 58	14 51	5 43	13 23	12 56	15 17		n.a.
S 6	22 5	16 2	5 8	14 32	2 58	25 9	1 45	23 37	1 19	10 34	1 1	3 42	2 38	24 4	0 21	22 16	0 58	14 51	5 43	13 22	12 55	15 16		n.a.
M 7	22 14	13 20	5 10	14 59	2 47	25 5	1 45	23 31	1 19	10 39	1 1	3 41	2 37	24 4	0 21	22 16	0 58	14 52	5 43	13 20	12 54	15 14		n.a.
T 8	22 22	10 6	5 0	15 28	2 36	24 59	1 45	23 25	1 19	10 43	1 1	3 41	2 37	24 4	0 21	22 15	0 58	14 52	5 43	13 19	12 53	15 13		n.a.
W 9	22 30	6 27	4 36	15 58	2 25	24 53	1 46	23 19	1 18	10 47	1 1	3 40	2 37	24 4	0 21	22 15	0 58	14 52	5 43	13 18	12 52	15 12		n.a.
T 10	22 37	2 29	4 0	16 29	2 13	24 46	1 46	23 12	1 18	10 52	1 1	3 40	2 37	24 4	0 21	22 15	0 58	14 53	5 43	13 18	12 51	15 10		n.a.
F 11	22 45	1s39	3 12	17 0	2 1	24 38	1 46	23 6	1 18	10 56	1 1	3 40	2 36	24 4	0 21	22 15	0 58	14 53	5 43	13 18	12 50	15 9		n.a.
S 12	22 51	5 50	2 14	17 33	1 48	24 30	1 47	22 59	1 17	11 0	1 1	3 40	2 36	24 4	0 21	22 15	0 58	14 53	5 43	13 19	12 49	15 7		n.a.
S 13	22 58	9 52	1 7	18 6	1 36	24 21	1 47	22 53	1 17	11 4	1 1	3 39	2 36	24 4	0 21	22 15	0 58	14 54	5 43	13 19	12 48	15 6		n.a.
M14	23 4	13 33	0n 5	18 39	1 23	24 11	1 47	22 46	1 17	11 8	1 1	3 39	2 36	24 4	0 21	22 15	0 58	14 54	5 43	13 19	12 46	15 4		n.a.
T 15	23 9	16 36	1 19	19 12	1 10	24 0	1 46	22 39	1 16	11 12	1 1	3 39	2 35	24 4	0 21	22 14	0 58	14 54	5 43	13 19	12 45	15 3		n.a.
W16	23 14	18 44	2 30	19 45	0 57	23 49	1 46	22 31	1 16	11 16	1 1	3 39	2 35	24 4	0 21	22 14	0 58	14 55	5 43	13 18	12 44	15 1		n.a.
T 17	23 19	19 41	3 34	20 18	0 45	23 37	1 46	22 24	1 16	11 20	1 2	3 39	2 35	24 4	0 21	22 14	0 58	14 55	5 43	13 16	12 43	15 0		n.a.
F 18	23 23	19 18	4 24	20 51	0 32	23 25	1 46	22 16	1 15	11 24	1 2	3 39	2 35	24 4	0 21	22 14	0 58	14 55	5 43	13 14	12 42	14 58		n.a.
S 19	23 27	17 33	4 56	21 22	0 20	23 11	1 45	22 9	1 15	11 28	1 2	3 39	2 34	24 4	0 21	22 14	0 58	14 55	5 43	13 12	12 41	14 57		n.a.
S 20	23 31	14 38	5 7	21 52	0 7	22 58	1 45	22 1	1 15	11 32	1 2	3 39	2 34	24 4	0 21	22 14	0 58	14 56	5 43	13 10	12 40	14 55		n.a.
M21	23 34	10 49	4 59	22 22	0n 4	22 43	1 44	21 53	1 14	11 36	1 2	3 39	2 34	24 4	0 21	22 14	0 58	14 56	5 43	13 8	12 39	14 54		n.a.
T 22	23 37	6 25	4 31	22 49	0 16	22 28	1 43	21 45	1 14	11 40	1 2	3 39	2 33	24 4	0 21	22 14	0 58	14 56	5 43	13 7	12 38	14 52		n.a.
W23	23 39	1 46	3 47	23 15	0 27	22 12	1 43	21 36	1 14	11 43	1 2	3 39	2 33	24 4	0 21	22 13	0 58	14 57	5 43	13 6	12 37	14 51		n.a.
T 24	23 41	2n52	2 51	23 39	0 37	21 56	1 42	21 28	1 13	11 47	1 2	3 40	2 33	24 4	0 21	22 13	0 58	14 57	5 43	13 6	12 36	14 49		n.a.
F 25	23 42	7 15	1 47	24 0	0 47	21 39	1 41	21 19	1 13	11 51	1 2	3 40	2 33	24 4	0 21	22 13	0 58	14 57	5 43	13 6	12 34	14 48		n.a.
S 26	23 43	11 11	0 38	24 19	0 56	21 22	1 40	21 10	1 12	11 54	1 2	3 40	2 32	24 4	0 21	22 13	0 58	14 57	5 43	13 6	12 33	14 46		n.a.
S 27	23 44	14 31	0s31	24 36	1 4	21 4	1 39	21 1	1 12	11 58	1 2	3 41	2 32	24 4	0 21	22 13	0 58	14 58	5 43	13 6	12 32	14 45		n.a.
M28	23 44	17 5	1 37	24 49	1 12	20 45	1 37	20 52	1 12	12 2	1 2	3 41	2 32	24 4	0 21	22 13	0 58	14 58	5 43	13 6	12 31	14 43		n.a.
T 29	23 44	18 50	2 37	25 0	1 19	20 26	1 36	20 43	1 11	12 5	1 2	3 41	2 32	24 4	0 21	22 13	0 58	14 58	5 43	13 5	12 30	14 42		n.a.
W30	23n43	19n39	3s29	25n 9	1n25	20n 6	1n35	20n34	1n11	12n 9	1s 2	3s42	2n31	24n 4	0n21	22s13	0n58	14n58	5s43	13s 2	12s29	14n40		n.a.

Julian Day Number = 1606885.5, Delta T = 03h55m41s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'04, Lahiri = - 8°17'04 Julian Calendar 1 June 314 BCE == Greg. Calendar 27 May 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

JULY 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 15 48	2♋56'32	29♊26	1♋ 2	8♌50	4♌57	4♉30	15♎ 7	0♋36	17°R50	0♊48	3°R57	2♏26	3♌20	n.a.	T 1
F 2	18 19 44	3°53'56	11♋27	3° 8	10° 1	5°35	4°41	15° 7	0°40	17♐49	0°49	3♏46	2°23	3°26	n.a.	F 2
S 3	18 23 41	4°51'21	23°24	5°12	11°12	6°13	4°51	15° 8	0°43	17°47	0°50	3°35	2°19	3°33	n.a.	S 3
S 4	18 27 37	5°48'47	5♌17	7°16	12°23	6°51	5° 1	15° 9	0°47	17°46	0°51	3°24	2°16	3°40	n.a.	S 4
M 5	18 31 34	6°46'13	17° 8	9°19	13°34	7°28	5°11	15°10	0°51	17°44	0°53	3°13	2°13	3°47	n.a.	M 5
T 6	18 35 30	7°43'41	28°59	11°21	14°45	8° 6	5°20	15°11	0°54	17°43	0°54	3° 5	2°10	3°53	n.a.	T 6
W 7	18 39 27	8°41'10	10♍55	13°21	15°55	8°44	5°30	15°12	0°58	17°41	0°55	2°59	2° 7	4° 0	n.a.	W 7
T 8	18 43 24	9°38'40	22°58	15°21	17° 6	9°22	5°39	15°13	1° 2	17°40	0°56	2°56	2° 3	4° 7	n.a.	T 8
F 9	18 47 20	10°36'10	5♎14	17°18	18°17	10° 0	5°49	15°15	1° 5	17°38	0°57	2°54	2° 0	4°13	n.a.	F 9
S 10	18 51 17	11°33'42	17°47	19°15	19°27	10°38	5°58	15°16	1° 9	17°37	0°59	2°D54	1°57	4°20	n.a.	S 10
S 11	18 55 13	12°31'15	0♏42	21°10	20°38	11°16	6° 7	15°18	1°13	17°35	1° 0	2°R55	1°54	4°27	n.a.	S 11
M12	18 59 10	13°28'48	14° 2	23° 4	21°48	11°54	6°16	15°19	1°16	17°34	1° 1	2°54	1°51	4°34	n.a.	M12
T 13	19 3 6	14°26'23	27°52	24°56	22°58	12°33	6°25	15°21	1°20	17°33	1° 2	2°52	1°48	4°40	n.a.	T 13
W14	19 7 3	15°23'59	12♐10	26°46	24° 8	13°11	6°34	15°23	1°23	17°31	1° 3	2°48	1°44	4°47	n.a.	W14
T 15	19 10 59	16°21'36	26°56	28°36	25°19	13°49	6°43	15°25	1°27	17°30	1° 4	2°41	1°41	4°54	n.a.	T 15
F 16	19 14 56	17°19'15	12♑ 1	0♌23	26°29	14°27	6°52	15°27	1°31	17°29	1° 5	2°31	1°38	5° 1	n.a.	F 16
S 17	19 18 53	18°16'55	27°17	2°10	27°39	15° 6	7° 0	15°29	1°34	17°27	1° 6	2°21	1°35	5° 7	n.a.	S 17
S 18	19 22 49	19°14'36	12♒33	3°54	28°49	15°44	7° 8	15°31	1°38	17°26	1° 7	2°11	1°32	5°14	n.a.	S 18
M19	19 26 46	20°12'19	27°38	5°38	29°58	16°22	7°16	15°33	1°41	17°25	1° 8	2° 2	1°29	5°21	n.a.	M19
T 20	19 30 42	21°10'04	12♓23	7°20	1♍ 8	17° 1	7°24	15°36	1°45	17°23	1° 9	1°55	1°25	5°27	n.a.	T 20
W21	19 34 39	22° 7'50	26°42	9° 0	2°18	17°39	7°32	15°38	1°48	17°22	1°10	1°51	1°22	5°34	n.a.	W21
T 22	19 38 35	23° 5'38	10♈34	10°39	3°27	18°18	7°40	15°41	1°52	17°21	1°11	1°49	1°19	5°41	n.a.	T 22
F 23	19 42 32	24° 3'28	23°59	12°17	4°37	18°56	7°48	15°43	1°55	17°20	1°12	1°49	1°16	5°48	n.a.	F 23
S 24	19 46 28	25° 1'20	7♉ 1	13°54	5°46	19°35	7°55	15°46	1°59	17°18	1°13	1°49	1°13	5°54	n.a.	S 24
S 25	19 50 25	25°59'14	19°43	15°29	6°56	20°14	8° 3	15°49	2° 2	17°17	1°14	1°48	1° 9	6° 1	n.a.	S 25
M26	19 54 22	26°57'10	2♊ 9	17° 2	8° 5	20°52	8°10	15°52	2° 6	17°16	1°15	1°45	1° 6	6° 8	n.a.	M26
T 27	19 58 18	27°55'08	14°23	18°35	9°14	21°31	8°17	15°55	2° 9	17°15	1°16	1°40	1° 3	6°15	n.a.	T 27
W28	20 2 15	28°53'08	26°28	20° 6	10°23	22°10	8°24	15°58	2°12	17°14	1°17	1°31	1° 0	6°21	n.a.	W28
T 29	20 6 11	29°51'09	8♋28	21°35	11°32	22°49	8°31	16° 1	2°16	17°13	1°18	1°20	0°57	6°28	n.a.	T 29
F 30	20 10 8	0♌49'13	20°23	23° 4	12°41	23°28	8°37	16° 4	2°19	17°12	1°19	1° 7	0°54	6°35	n.a.	F 30
S 31	20 14 4	1♌47'18	2♌16	24♌31	13♍50	24♌ 7	8♉44	16♎ 8	2♋22	17♐11	1♊20	0♏53	0♏50	6♌41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n42	19n33	4s11	25n14	1n31	19n46	1n33	20n24	1n11	12n12	1s 2	3s42	2n31	24n 4	0n21	22s12	0n58	14n59	5s43	12s59	12s28	14n39			n.a.
F 2	23 40	18 34	4 41	25 17	1 35	19 25	1 32	20 14	1 10	12 15	1 3	3 43	2 31	24 4	0 21	22 12	0 58	14 59	5 43	12 56	12 27	14 37			n.a.
S 3	23 38	16 46	4 58	25 17	1 39	19 4	1 30	20 4	1 10	12 19	1 3	3 43	2 30	24 4	0 21	22 12	0 58	14 59	5 43	12 52	12 26	14 36			n.a.
S 4	23 36	14 17	5 3	25 14	1 43	18 42	1 28	19 54	1 9	12 22	1 3	3 44	2 30	24 4	0 21	22 12	0 58	14 59	5 43	12 48	12 24	14 34			n.a.
M 5	23 33	11 13	4 54	25 9	1 45	18 20	1 26	19 44	1 9	12 25	1 3	3 45	2 30	24 4	0 21	22 12	0 58	14 59	5 43	12 44	12 23	14 33			n.a.
T 6	23 30	7 42	4 33	25 1	1 47	17 57	1 24	19 34	1 9	12 28	1 3	3 45	2 30	24 4	0 21	22 12	0 58	15 0	5 43	12 41	12 22	14 31			n.a.
W 7	23 27	3 52	4 0	24 50	1 48	17 34	1 22	19 24	1 8	12 32	1 3	3 46	2 29	24 4	0 21	22 12	0 58	15 0	5 43	12 39	12 21	14 30			n.a.
T 8	23 23	0s10	3 16	24 38	1 48	17 10	1 20	19 13	1 8	12 35	1 3	3 47	2 29	24 4	0 21	22 12	0 58	15 0	5 43	12 38	12 20	14 28			n.a.
F 9	23 18	4 16	2 22	24 23	1 48	16 46	1 18	19 2	1 8	12 38	1 3	3 47	2 29	24 4	0 21	22 11	0 58	15 0	5 43	12 38	12 19	14 26			n.a.
S 10	23 13	8 17	1 20	24 6	1 48	16 22	1 16	18 51	1 7	12 41	1 3	3 48	2 29	24 4	0 21	22 11	0 58	15 1	5 43	12 38	12 18	14 25			n.a.
S 11	23 8	12 2	0 12	23 47	1 46	15 57	1 14	18 40	1 7	12 44	1 3	3 49	2 28	24 4	0 21	22 11	0 58	15 1	5 43	12 38	12 17	14 23			n.a.
M12	23 2	15 19	0n59	23 27	1 44	15 32	1 11	18 29	1 6	12 47	1 3	3 50	2 28	24 4	0 21	22 11	0 58	15 1	5 43	12 38	12 16	14 22			n.a.
T 13	22 56	17 50	2 8	23 4	1 42	15 6	1 9	18 18	1 6	12 50	1 3	3 51	2 28	24 4	0 21	22 11	0 58	15 1	5 43	12 37	12 14	14 20			n.a.
W14	22 50	19 21	3 12	22 41	1 39	14 40	1 6	18 7	1 6	12 52	1 4	3 52	2 27	24 4	0 21	22 11	0 58	15 1	5 43	12 35	12 13	14 19			n.a.
T 15	22 43	19 37	4 5	22 15	1 36	14 14	1 3	17 55	1 5	12 55	1 4	3 53	2 27	24 4	0 21	22 11	0 58	15 1	5 43	12 33	12 12	14 17			n.a.
F 16	22 36	18 30	4 42	21 48	1 32	13 47	1 1	17 44	1 5	12 58	1 4	3 54	2 27	24 4	0 21	22 11	0 58	15 2	5 43	12 30	12 11	14 16			n.a.
S 17	22 28	16 3	5 0	21 20	1 28	13 20	0 58	17 32	1 4	13 1	1 4	3 55	2 27	24 4	0 21	22 11	0 57	15 2	5 43	12 26	12 10	14 14			n.a.
S 18	22 20	12 30	4 56	20 51	1 23	12 53	0 55	17 20	1 4	13 3	1 4	3 56	2 26	24 4	0 21	22 11	0 57	15 2	5 43	12 23	12 9	14 13			n.a.
M19	22 11	8 11	4 32	20 21	1 18	12 25	0 52	17 8	1 4	13 6	1 4	3 57	2 26	24 4	0 21	22 10	0 57	15 2	5 43	12 20	12 8	14 11			n.a.
T 20	22 3	3 28	3 50	19 50	1 13	11 58	0 49	16 56	1 3	13 8	1 4	3 58	2 26	24 4	0 21	22 10	0 57	15 2	5 43	12 17	12 7	14 9			n.a.
W21	21 53	1n20	2 54	19 18	1 7	11 29	0 46	16 43	1 3	13 11	1 4	3 59	2 26	24 4	0 21	22 10	0 57	15 2	5 43	12 16	12 6	14 8			n.a.
T 22	21 44	5 55	1 50	18 45	1 1	11 1	0 42	16 31	1 2	13 13	1 4	4 1	2 25	24 4	0 21	22 10	0 57	15 3	5 44	12 15	12 4	14 6			n.a.
F 23	21 34	10 3	0 41	18 12	0 55	10 32	0 39	16 18	1 2	13 16	1 4	4 2	2 25	24 4	0 21	22 10	0 57	15 3	5 44	12 15	12 3	14 5			n.a.
S 24	21 23	13 35	0s27	17 38	0 48	10 3	0 36	16 6	1 1	13 18	1 5	4 3	2 25	24 4	0 21	22 10	0 57	15 3	5 44	12 15	12 2	14 3			n.a.
S 25	21 12	16 23	1 33	17 3	0 41	9 34	0 32	15 53	1 1	13 20	1 5	4 5	2 25	24 4	0 21	22 10	0 57	15 3	5 44	12 15	12 1	14 2			n.a.
M26	21 1	18 21	2 33	16 28	0 34	9 5	0 29	15 40	1 1	13 23	1 5	4 6	2 24	24 4	0 21	22 10	0 57	15 3	5 44	12 14	12 0	14 0			n.a.
T 27	20 50	19 25	3 24	15 52	0 27	8 35	0 25	15 27	1 0	13 25	1 5	4 7	2 24	24 4	0 21	22 10	0 57	15 3	5 44	12 12	11 59	13 59			n.a.
W28	20 38	19 35	4 6	15 16	0 19	8 5	0 21	15 14	1 0	13 27	1 5	4 9	2 24	24 4	0 21	22 10	0 57	15 3	5 44	12 9	11 58	13 57			n.a.
T 29	20 26	18 52	4 36	14 40	0 12	7 35	0 18	15 1	0 59	13 29	1 5	4 10	2 24	24 4	0 21	22 10	0 57	15 3	5 44	12 5	11 57	13 55			n.a.
F 30	20 13	17 19	4 54	14 3	0 4	7 5	0 14	14 47	0 59	13 31	1 5	4 12	2 23	24 4	0 21	22 10	0 57	15 4	5 44	12 0	11 56	13 54			n.a.
S 31	20n 0	15n 2	4s59	13n27	0s 4	6n35	0n10	14n34	0n59	13n33	1s 5	4s13	2n23	24n 4	0n21	22s 9	0n57	15n 4	5s44	11s55	11s54	13n52			n.a.

Julian Day Number = 1606915.5, Delta T = 03h55m40s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°24'00, Lahiri = - 8°17'00 Julian Calendar 1 July 314 BCE == Greg. Calendar 26 June 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

AUGUST 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 18 1	2♌45'25	14♌ 8	25♌56	14♍59	24♌46	8♉50	16♎11	2♋26	17°R 9	1♊20	0°R39	0♏47	6♌48	n.a.	S 1
M 2	20 21 57	3°43'33	26° 0	27°20	16° 8	25°25	8°56	16°15	2°29	17♐ 8	1°21	0♏26	0°44	6°55	n.a.	M 2
T 3	20 25 54	4°41'44	7♍54	28°42	17°16	26° 4	9° 2	16°18	2°32	17° 8	1°22	0°15	0°41	7° 2	n.a.	T 3
W 4	20 29 50	5°39'56	19°52	0♍ 4	18°25	26°43	9° 8	16°22	2°36	17° 7	1°23	0° 7	0°38	7° 8	n.a.	W 4
T 5	20 33 47	6°38'09	1♎58	1°23	19°33	27°22	9°13	16°26	2°39	17° 6	1°23	0° 2	0°35	7°15	n.a.	T 5
F 6	20 37 44	7°36'25	14°14	2°41	20°41	28° 1	9°19	16°29	2°42	17° 5	1°24	29♎59	0°31	7°22	n.a.	F 6
S 7	20 41 40	8°34'41	26°45	3°57	21°49	28°40	9°24	16°33	2°45	17° 4	1°25	29°D59	0°28	7°28	n.a.	S 7
S 8	20 45 37	9°33'00	9♏36	5°12	22°57	29°20	9°29	16°37	2°48	17° 3	1°25	29°R59	0°25	7°35	n.a.	S 8
M 9	20 49 33	10°31'20	22°50	6°25	24° 5	29°59	9°34	16°41	2°51	17° 2	1°26	29°58	0°22	7°42	n.a.	M 9
T 10	20 53 30	11°29'42	6♐31	7°36	25°13	0♍38	9°39	16°45	2°54	17° 1	1°27	29°56	0°19	7°49	n.a.	T 10
W11	20 57 26	12°28'06	20°42	8°45	26°20	1°18	9°44	16°50	2°57	17° 1	1°27	29°52	0°15	7°55	n.a.	W11
T 12	21 1 23	13°26'32	5♑20	9°52	27°28	1°57	9°48	16°54	3° 0	17° 0	1°28	29°45	0°12	8° 2	n.a.	T 12
F 13	21 5 19	14°24'59	20°21	10°57	28°35	2°37	9°52	16°58	3° 3	16°59	1°28	29°36	0° 9	8° 9	n.a.	F 13
S 14	21 9 16	15°23'28	5♒37	11°59	29°42	3°16	9°57	17° 3	3° 6	16°59	1°29	29°26	0° 6	8°16	n.a.	S 14
S 15	21 13 13	16°21'59	20°58	12°59	0♎49	3°56	10° 1	17° 7	3° 9	16°58	1°29	29°16	0° 3	8°22	n.a.	S 15
M16	21 17 9	17°20'32	6♓11	13°57	1°56	4°36	10° 4	17°12	3°12	16°57	1°30	29° 6	29♎59	8°29	n.a.	M16
T 17	21 21 6	18°19'07	21° 6	14°52	3° 3	5°15	10° 8	17°16	3°15	16°57	1°30	28°59	29°56	8°36	n.a.	T 17
W18	21 25 2	19°17'44	5♈35	15°44	4° 9	5°55	10°11	17°21	3°18	16°56	1°31	28°55	29°53	8°42	n.a.	W18
T 19	21 28 59	20°16'24	19°37	16°32	5°16	6°35	10°14	17°26	3°21	16°56	1°31	28°53	29°50	8°49	n.a.	T 19
F 20	21 32 55	21°15'05	3♉ 9	17°17	6°22	7°15	10°17	17°31	3°23	16°55	1°32	28°D53	29°47	8°56	n.a.	F 20
S 21	21 36 52	22°13'50	16°14	17°59	7°28	7°54	10°20	17°35	3°26	16°55	1°32	28°R53	29°44	9° 3	n.a.	S 21
S 22	21 40 48	23°12'37	28°56	18°36	8°34	8°34	10°23	17°40	3°29	16°54	1°32	28°53	29°41	9° 9	n.a.	S 22
M23	21 44 45	24°11'26	11♊20	19° 9	9°40	9°14	10°25	17°45	3°32	16°54	1°33	28°52	29°37	9°16	n.a.	M23
T 24	21 48 42	25°10'17	23°30	19°38	10°45	9°54	10°27	17°51	3°34	16°54	1°33	28°48	29°34	9°23	n.a.	T 24
W25	21 52 38	26° 9'11	5♋30	20° 1	11°51	10°34	10°30	17°56	3°37	16°53	1°33	28°42	29°31	9°29	n.a.	W25
T 26	21 56 35	27° 8'07	17°25	20°19	12°56	11°15	10°31	18° 1	3°39	16°53	1°34	28°33	29°28	9°36	n.a.	T 26
F 27	22 0 31	28° 7'06	29°17	20°31	14° 1	11°55	10°33	18° 6	3°42	16°53	1°34	28°23	29°25	9°43	n.a.	F 27
S 28	22 4 28	29° 6'06	11♌ 9	20°R37	15° 6	12°35	10°35	18°12	3°44	16°53	1°34	28°11	29°21	9°50	n.a.	S 28
S 29	22 8 24	0♍ 5'09	23° 2	20°36	16°11	13°15	10°36	18°17	3°47	16°52	1°34	27°59	29°18	9°56	n.a.	S 29
M30	22 12 21	1° 4'14	4♍58	20°28	17°15	13°56	10°37	18°22	3°49	16°52	1°35	27°49	29°15	10° 3	n.a.	M30
T 31	22 16 17	2♍ 3'21	16♍59	20♍13	18♎19	14♍36	10♉38	18♎28	3♋51	16♐52	1♊35	27♎40	29♎12	10♌10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n47	12n 9	4s51	12n50	0s12	6n 5	0n 6	14n20	0n58	13n35	1s 5	4s15	2n23	24n 4	0n21	22s 9	0n57	15n 4	5s44	11s50	11s53	13n51			n.a.
M 2	19 33	8 46	4 31	12 13	0 21	5 34	0 2	14 7	0 58	13 37	1 6	4 16	2 23	24 4	0 21	22 9	0 57	15 4	5 44	11 46	11 52	13 49			n.a.
T 3	19 19	5 2	3 58	11 37	0 29	5 3	0s 2	13 53	0 57	13 39	1 6	4 18	2 22	24 3	0 21	22 9	0 57	15 4	5 44	11 42	11 51	13 48			n.a.
W 4	19 5	1 5	3 15	11 0	0 38	4 32	0 6	13 39	0 57	13 40	1 6	4 20	2 22	24 3	0 21	22 9	0 57	15 4	5 44	11 39	11 50	13 46			n.a.
T 5	18 50	2s58	2 22	10 24	0 46	4 2	0 11	13 25	0 56	13 42	1 6	4 21	2 22	24 3	0 21	22 9	0 57	15 4	5 44	11 37	11 49	13 44			n.a.
F 6	18 35	6 56	1 22	9 47	0 55	3 31	0 15	13 11	0 56	13 44	1 6	4 23	2 22	24 3	0 21	22 9	0 57	15 4	5 44	11 36	11 48	13 43			n.a.
S 7	18 20	10 42	0 17	9 11	1 4	3 0	0 19	12 57	0 55	13 45	1 6	4 25	2 21	24 3	0 21	22 9	0 57	15 4	5 44	11 36	11 47	13 41			n.a.
S 8	18 5	14 4	0n51	8 36	1 13	2 28	0 23	12 42	0 55	13 47	1 6	4 26	2 21	24 3	0 21	22 9	0 57	15 4	5 45	11 36	11 45	13 40			n.a.
M 9	17 49	16 48	1 58	8 0	1 22	1 57	0 28	12 28	0 55	13 48	1 6	4 28	2 21	24 3	0 21	22 9	0 57	15 4	5 45	11 36	11 44	13 38			n.a.
T 10	17 33	18 42	3 1	7 25	1 31	1 26	0 32	12 13	0 54	13 50	1 7	4 30	2 21	24 3	0 21	22 9	0 57	15 4	5 45	11 35	11 43	13 37			n.a.
W11	17 16	19 30	3 54	6 51	1 39	0 55	0 37	11 59	0 54	13 51	1 7	4 32	2 21	24 3	0 21	22 9	0 57	15 5	5 45	11 34	11 42	13 35			n.a.
T 12	16 59	19 3	4 35	6 18	1 48	0 23	0 41	11 44	0 53	13 52	1 7	4 34	2 20	24 3	0 21	22 9	0 57	15 5	5 45	11 31	11 41	13 33			n.a.
F 13	16 42	17 16	4 58	5 45	1 57	0s 8	0 46	11 29	0 53	13 54	1 7	4 36	2 20	24 3	0 21	22 9	0 57	15 5	5 45	11 28	11 40	13 32			n.a.
S 14	16 25	14 15	5 0	5 13	2 6	0 39	0 50	11 14	0 52	13 55	1 7	4 37	2 20	24 3	0 21	22 9	0 57	15 5	5 45	11 24	11 39	13 30			n.a.
S 15	16 7	10 15	4 40	4 41	2 15	1 10	0 55	10 59	0 52	13 56	1 7	4 39	2 20	24 3	0 21	22 9	0 56	15 5	5 45	11 21	11 37	13 29			n.a.
M16	15 50	5 37	4 1	4 11	2 23	1 42	1 0	10 44	0 51	13 57	1 7	4 41	2 19	24 3	0 21	22 9	0 56	15 5	5 45	11 17	11 36	13 27			n.a.
T 17	15 31	0 44	3 6	3 42	2 32	2 13	1 5	10 29	0 51	13 58	1 7	4 43	2 19	24 3	0 21	22 9	0 56	15 5	5 45	11 15	11 35	13 25			n.a.
W18	15 13	4n 5	2 0	3 14	2 40	2 44	1 9	10 14	0 50	13 59	1 8	4 45	2 19	24 3	0 21	22 9	0 56	15 5	5 45	11 13	11 34	13 24			n.a.
T 19	14 54	8 31	0 49	2 48	2 48	3 15	1 14	9 59	0 50	14 0	1 8	4 47	2 19	24 3	0 21	22 9	0 56	15 5	5 45	11 13	11 33	13 22			n.a.
F 20	14 35	12 21	0s23	2 23	2 56	3 46	1 19	9 43	0 49	14 1	1 8	4 49	2 19	24 3	0 21	22 9	0 56	15 5	5 45	11 13	11 32	13 21			n.a.
S 21	14 16	15 27	1 31	2 0	3 3	4 17	1 24	9 28	0 49	14 2	1 8	4 51	2 18	24 3	0 21	22 9	0 56	15 5	5 46	11 13	11 31	13 19			n.a.
S 22	13 57	17 41	2 33	1 39	3 10	4 48	1 29	9 12	0 49	14 2	1 8	4 54	2 18	24 3	0 22	22 9	0 56	15 5	5 46	11 13	11 30	13 17			n.a.
M23	13 37	19 1	3 26	1 20	3 17	5 18	1 34	8 57	0 48	14 3	1 8	4 56	2 18	24 3	0 22	22 9	0 56	15 5	5 46	11 12	11 28	13 16			n.a.
T 24	13 17	19 26	4 8	1 3	3 23	5 49	1 38	8 41	0 48	14 4	1 8	4 58	2 18	24 2	0 22	22 9	0 56	15 5	5 46	11 11	11 27	13 14			n.a.
W25	12 57	18 58	4 39	0 48	3 29	6 19	1 43	8 25	0 47	14 4	1 8	5 0	2 18	24 2	0 22	22 9	0 56	15 5	5 46	11 9	11 26	13 12			n.a.
T 26	12 37	17 39	4 58	0 37	3 34	6 50	1 48	8 9	0 47	14 5	1 8	5 2	2 17	24 2	0 22	22 9	0 56	15 5	5 46	11 5	11 25	13 11			n.a.
F 27	12 16	15 36	5 3	0 28	3 38	7 20	1 53	7 53	0 46	14 5	1 9	5 4	2 17	24 2	0 22	22 9	0 56	15 5	5 46	11 2	11 24	13 9			n.a.
S 28	11 56	12 54	4 56	0 22	3 42	7 50	1 58	7 37	0 46	14 5	1 9	5 7	2 17	24 2	0 22	22 9	0 56	15 5	5 46	10 57	11 23	13 8			n.a.
S 29	11 35	9 40	4 36	0 21	3 44	8 20	2 3	7 21	0 45	14 6	1 9	5 9	2 17	24 2	0 22	22 9	0 56	15 5	5 46	10 53	11 22	13 6			n.a.
M30	11 14	6 2	4 3	0 23	3 45	8 49	2 8	7 5	0 45	14 6	1 9	5 11	2 17	24 2	0 22	22 9	0 56	15 4	5 46	10 49	11 20	13 4			n.a.
T 31	10n52	2n 9	3s19	0n29	3s45	9s19	2s13	6n49	0n44	14n 6	1s 9	5s13	2n17	24n 2	0n22	22s 9	0n56	15n 4	5s46	10s46	11s19	13n 3			n.a.

Julian Day Number = 1606946.5, Delta T = 03h55m39s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'56, Lahiri = - 8°16'55 Julian Calendar 1 Aug. 314 BCE == Greg. Calendar 27 July 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

SEPTEMBER 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 20 14	3♍ 2'30	29♍ 6	19°R50	19♎23	15♍16	10♉38	18♎34	3♋54	16°R52	1♊35	27°R34	29♎ 9	10♌17	n.a.	W 1
T 2	22 24 10	4° 1'41	11♎20	19♍20	20°27	15°57	10°39	18°39	3°56	16♐52	1°35	27♎30	29° 6	10°23	n.a.	T 2
F 3	22 28 7	5° 0'55	23°44	18°41	21°30	16°37	10°39	18°45	3°58	16°52	1°35	27°D29	29° 2	10°30	n.a.	F 3
S 4	22 32 4	6° 0'10	6♏22	17°56	22°34	17°18	10°R39	18°51	4° 0	16°D52	1°35	27°29	28°59	10°37	n.a.	S 4
S 5	22 36 0	6°59'27	19°15	17° 3	23°37	17°58	10°39	18°56	4° 2	16°52	1°35	27°30	28°56	10°43	n.a.	S 5
M 6	22 39 57	7°58'46	2♐27	16° 3	24°39	18°39	10°39	19° 2	4° 5	16°52	1°35	27°R31	28°53	10°50	n.a.	M 6
T 7	22 43 53	8°58'07	16° 2	14°59	25°42	19°20	10°38	19° 8	4° 7	16°52	1°R35	27°31	28°50	10°57	n.a.	T 7
W 8	22 47 50	9°57'30	0♑ 1	13°50	26°44	20° 0	10°37	19°14	4° 9	16°52	1°35	27°29	28°46	11° 4	n.a.	W 8
T 9	22 51 46	10°56'54	14°24	12°39	27°46	20°41	10°36	19°20	4°10	16°52	1°35	27°25	28°43	11°10	n.a.	T 9
F 10	22 55 43	11°56'21	29° 8	11°28	28°47	21°22	10°35	19°26	4°12	16°53	1°35	27°20	28°40	11°17	n.a.	F 10
S 11	22 59 39	12°55'49	14♒ 8	10°17	29°49	22° 3	10°34	19°32	4°14	16°53	1°35	27°13	28°37	11°24	n.a.	S 11
S 12	23 3 36	13°55'20	29°15	9°11	0♏49	22°44	10°32	19°38	4°16	16°53	1°35	27° 6	28°34	11°30	n.a.	S 12
M13	23 7 33	14°54'52	14♓19	8° 9	1°50	23°25	10°31	19°44	4°18	16°53	1°35	27° 0	28°31	11°37	n.a.	M13
T 14	23 11 29	15°54'26	29°11	7°15	2°50	24° 6	10°29	19°51	4°20	16°54	1°35	26°56	28°27	11°44	n.a.	T 14
W15	23 15 26	16°54'03	13♈42	6°30	3°50	24°47	10°26	19°57	4°21	16°54	1°34	26°53	28°24	11°51	n.a.	W15
T 16	23 19 22	17°53'42	27°49	5°54	4°49	25°28	10°24	20° 3	4°23	16°54	1°34	26°D53	28°21	11°57	n.a.	T 16
F 17	23 23 19	18°53'23	11♉28	5°29	5°48	26° 9	10°22	20° 9	4°24	16°55	1°34	26°53	28°18	12° 4	n.a.	F 17
S 18	23 27 15	19°53'07	24°40	5°15	6°47	26°51	10°19	20°16	4°26	16°55	1°34	26°55	28°15	12°11	n.a.	S 18
S 19	23 31 12	20°52'53	7♊28	5°D13	7°45	27°32	10°16	20°22	4°27	16°56	1°33	26°56	28°12	12°17	n.a.	S 19
M20	23 35 8	21°52'41	19°55	5°21	8°43	28°13	10°13	20°29	4°29	16°56	1°33	26°R57	28° 8	12°24	n.a.	M20
T 21	23 39 5	22°52'32	2♋ 7	5°40	9°40	28°55	10° 9	20°35	4°30	16°57	1°33	26°57	28° 5	12°31	n.a.	T 21
W22	23 43 1	23°52'25	14° 7	6° 9	10°37	29°36	10° 6	20°42	4°31	16°58	1°32	26°55	28° 2	12°38	n.a.	W22
T 23	23 46 58	24°52'20	26° 1	6°47	11°34	0♎17	10° 2	20°48	4°33	16°58	1°32	26°51	27°59	12°44	n.a.	T 23
F 24	23 50 55	25°52'18	7♌52	7°34	12°30	0°59	9°58	20°55	4°34	16°59	1°32	26°47	27°56	12°51	n.a.	F 24
S 25	23 54 51	26°52'17	19°44	8°29	13°25	1°41	9°54	21° 1	4°35	17° 0	1°31	26°41	27°52	12°58	n.a.	S 25
S 26	23 58 48	27°52'19	1♍41	9°30	14°20	2°22	9°50	21° 8	4°36	17° 0	1°31	26°36	27°49	13° 5	n.a.	S 26
M27	0 2 44	28°52'23	13°43	10°37	15°14	3° 4	9°46	21°15	4°37	17° 1	1°30	26°31	27°46	13°11	n.a.	M27
T 28	0 6 41	29°52'29	25°54	11°50	16° 8	3°46	9°41	21°21	4°38	17° 2	1°30	26°27	27°43	13°18	n.a.	T 28
W29	0 10 37	0♎52'38	8♎13	13° 7	17° 1	4°27	9°36	21°28	4°39	17° 3	1°29	26°24	27°40	13°25	n.a.	W29
T 30	0 14 34	1♎52'48	20♎43	14♍28	17♏54	5♎ 9	9♉31	21♎35	4♋40	17♐ 4	1♊29	26°D23	27♎37	13♌31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n31	1s52	2s26	0n39	3s44	9s48	2s18	6n33	0n44	14n 6	1s 9	5s16	2n16	24n 2	0n22	22s 9	0n56	15n 4	5s46	10s44	11s18	13n 1		n.a.
T 2	10 9	5 51	1 26	0 54	3 41	10 17	2 23	6 16	0 43	14 6	1 9	5 18	2 16	24 2	0 22	22 9	0 56	15 4	5 47	10 43	11 17	13 0		n.a.
F 3	9 47	9 38	0 20	1 13	3 36	10 46	2 28	6 0	0 43	14 6	1 9	5 20	2 16	24 2	0 22	22 9	0 56	15 4	5 47	10 42	11 16	12 58		n.a.
S 4	9 25	13 3	0n48	1 37	3 30	11 14	2 33	5 43	0 42	14 6	1 10	5 23	2 16	24 2	0 22	22 9	0 56	15 4	5 47	10 42	11 15	12 56		n.a.
S 5	9 3	15 55	1 55	2 6	3 21	11 43	2 38	5 27	0 42	14 6	1 10	5 25	2 16	24 2	0 22	22 9	0 56	15 4	5 47	10 43	11 14	12 55		n.a.
M 6	8 41	18 1	2 57	2 38	3 11	12 11	2 43	5 10	0 41	14 6	1 10	5 27	2 16	24 2	0 22	22 9	0 56	15 4	5 47	10 43	11 12	12 53		n.a.
T 7	8 18	19 9	3 52	3 15	2 58	12 39	2 48	4 54	0 41	14 5	1 10	5 30	2 15	24 2	0 22	22 9	0 56	15 4	5 47	10 43	11 11	12 51		n.a.
W 8	7 56	19 10	4 34	3 55	2 44	13 6	2 52	4 37	0 40	14 5	1 10	5 32	2 15	24 2	0 22	22 9	0 55	15 4	5 47	10 42	11 10	12 50		n.a.
T 9	7 33	17 58	5 1	4 37	2 28	13 33	2 57	4 20	0 40	14 5	1 10	5 35	2 15	24 2	0 22	22 9	0 55	15 4	5 47	10 41	11 9	12 48		n.a.
F 10	7 10	15 33	5 8	5 21	2 10	14 0	3 2	4 4	0 39	14 4	1 10	5 37	2 15	24 2	0 22	22 9	0 55	15 4	5 47	10 39	11 8	12 47		n.a.
S 11	6 47	12 5	4 55	6 5	1 52	14 27	3 7	3 47	0 39	14 4	1 10	5 39	2 15	24 2	0 22	22 9	0 55	15 4	5 47	10 36	11 7	12 45		n.a.
S 12	6 24	7 48	4 22	6 49	1 32	14 53	3 11	3 30	0 38	14 3	1 10	5 42	2 15	24 2	0 22	22 9	0 55	15 4	5 47	10 34	11 6	12 43		n.a.
M13	6 1	3 1	3 30	7 31	1 11	15 19	3 16	3 13	0 38	14 2	1 11	5 44	2 14	24 2	0 22	22 10	0 55	15 3	5 47	10 32	11 4	12 42		n.a.
T 14	5 37	1n53	2 25	8 10	0 51	15 44	3 21	2 56	0 37	14 2	1 11	5 47	2 14	24 2	0 22	22 10	0 55	15 3	5 48	10 30	11 3	12 40		n.a.
W15	5 14	6 34	1 11	8 46	0 31	16 9	3 25	2 39	0 37	14 1	1 11	5 49	2 14	24 2	0 22	22 10	0 55	15 3	5 48	10 29	11 2	12 38		n.a.
T 16	4 50	10 45	0s 5	9 17	0 11	16 34	3 30	2 22	0 36	14 0	1 11	5 52	2 14	24 2	0 22	22 10	0 55	15 3	5 48	10 29	11 1	12 37		n.a.
F 17	4 27	14 13	1 19	9 44	0n 8	16 59	3 34	2 5	0 35	13 59	1 11	5 54	2 14	24 2	0 22	22 10	0 55	15 3	5 48	10 29	11 0	12 35		n.a.
S 18	4 3	16 49	2 26	10 5	0 25	17 23	3 38	1 48	0 35	13 58	1 11	5 57	2 14	24 2	0 22	22 10	0 55	15 3	5 48	10 30	10 59	12 33		n.a.
S 19	3 39	18 29	3 23	10 21	0 41	17 46	3 43	1 31	0 34	13 57	1 11	6 0	2 14	24 2	0 22	22 10	0 55	15 3	5 48	10 30	10 58	12 32		n.a.
M20	3 16	19 12	4 9	10 32	0 56	18 9	3 47	1 14	0 34	13 56	1 11	6 2	2 14	24 2	0 22	22 10	0 55	15 3	5 48	10 31	10 56	12 30		n.a.
T 21	2 52	18 59	4 43	10 37	1 10	18 32	3 51	0 57	0 33	13 55	1 11	6 5	2 13	24 1	0 22	22 10	0 55	15 2	5 48	10 30	10 55	12 28		n.a.
W22	2 28	17 56	5 4	10 37	1 21	18 54	3 55	0 40	0 33	13 54	1 11	6 7	2 13	24 1	0 22	22 10	0 55	15 2	5 48	10 30	10 54	12 27		n.a.
T 23	2 4	16 6	5 12	10 32	1 32	19 16	3 59	0 22	0 32	13 53	1 11	6 10	2 13	24 1	0 22	22 10	0 55	15 2	5 48	10 28	10 53	12 25		n.a.
F 24	1 40	13 35	5 6	10 23	1 40	19 37	4 3	0 5	0 32	13 51	1 11	6 12	2 13	24 1	0 22	22 11	0 55	15 2	5 48	10 27	10 52	12 23		n.a.
S 25	1 16	10 32	4 47	10 9	1 48	19 58	4 7	0s12	0 31	13 50	1 12	6 15	2 13	24 1	0 22	22 11	0 55	15 2	5 48	10 25	10 51	12 22		n.a.
S 26	0 51	7 1	4 16	9 51	1 54	20 19	4 11	0 29	0 31	13 48	1 12	6 18	2 13	24 1	0 22	22 11	0 55	15 2	5 48	10 23	10 50	12 20		n.a.
M27	0 27	3 12	3 33	9 30	1 58	20 39	4 14	0 46	0 30	13 47	1 12	6 20	2 13	24 1	0 22	22 11	0 55	15 2	5 48	10 21	10 48	12 18		n.a.
T 28	0 3	0s47	2 40	9 5	2 2	20 58	4 18	1 4	0 29	13 45	1 12	6 23	2 13	24 1	0 23	22 11	0 55	15 1	5 49	10 20	10 47	12 17		n.a.
W29	0s21	4 48	1 38	8 37	2 4	21 17	4 21	1 21	0 29	13 44	1 12	6 25	2 13	24 1	0 23	22 11	0 55	15 1	5 49	10 19	10 46	12 15		n.a.
T 30	0s45	8s40	0s31	8n 7	2n 6	21s35	4s24	1s38	0n28	13n42	1s12	6s28	2n13	24n 1	0n23	22s11	0n55	15n 1	5s49	10s18	10s45	12n13		n.a.

Julian Day Number = 1606977.5, Delta T = 03h55m38s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'52, Lahiri = - 8°16'51 Julian Calendar 1 Sept. 314 BCE == Greg. Calendar 27 Aug. 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

OCTOBER 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 18 30	2♎52'59	3♏25	15♍52	18♏45	5♎51	9°R26	21♎42	4♋41	17♐ 4	1°R28	26♎23	27♎33	13♌38	n.a.	F 1
S 2	0 22 27	3°53'13	16°18	17°19	19°37	6°33	9♉21	21°49	4°42	17° 5	1♊28	26°24	27°30	13°45	n.a.	S 2
S 3	0 26 23	4°53'28	29°25	18°48	20°27	7°15	9°15	21°55	4°42	17° 6	1°27	26°26	27°27	13°52	n.a.	S 3
M 4	0 30 20	5°53'46	12♐47	20°19	21°17	7°57	9°10	22° 2	4°43	17° 7	1°27	26°27	27°24	13°58	n.a.	M 4
T 5	0 34 17	6°54'04	26°24	21°51	22° 6	8°39	9° 4	22° 9	4°44	17° 8	1°26	26°28	27°21	14° 5	n.a.	T 5
W 6	0 38 13	7°54'25	10♑18	23°25	22°54	9°21	8°58	22°16	4°44	17° 9	1°25	26°R28	27°18	14°12	n.a.	W 6
T 7	0 42 10	8°54'46	24°27	25° 0	23°41	10° 3	8°52	22°23	4°45	17°10	1°25	26°28	27°14	14°18	n.a.	T 7
F 8	0 46 6	9°55'10	8♒51	26°35	24°27	10°46	8°45	22°30	4°45	17°12	1°24	26°27	27°11	14°25	n.a.	F 8
S 9	0 50 3	10°55'34	23°26	28°11	25°13	11°28	8°39	22°37	4°46	17°13	1°23	26°25	27° 8	14°32	n.a.	S 9
S 10	0 53 59	11°56'00	8♓ 7	29°47	25°57	12°10	8°33	22°44	4°46	17°14	1°23	26°23	27° 5	14°39	n.a.	S 10
M11	0 57 56	12°56'28	22°46	1♎24	26°41	12°53	8°26	22°51	4°46	17°15	1°22	26°21	27° 2	14°45	n.a.	M11
T 12	1 1 52	13°56'57	7♈19	3° 1	27°23	13°35	8°19	22°58	4°46	17°16	1°21	26°20	26°58	14°52	n.a.	T 12
W13	1 5 49	14°57'28	21°38	4°38	28° 4	14°18	8°12	23° 5	4°47	17°18	1°20	26°D19	26°55	14°59	n.a.	W13
T 14	1 9 46	15°58'01	5♉38	6°14	28°45	15° 0	8° 5	23°12	4°47	17°19	1°20	26°19	26°52	15° 5	n.a.	T 14
F 15	1 13 42	16°58'35	19°16	7°51	29°24	15°43	7°58	23°19	4°47	17°20	1°19	26°20	26°49	15°12	n.a.	F 15
S 16	1 17 39	17°59'12	2♊31	9°28	0♐ 2	16°25	7°51	23°26	4°R47	17°22	1°18	26°21	26°46	15°19	n.a.	S 16
S 17	1 21 35	18°59'50	15°23	11° 5	0°38	17° 8	7°44	23°33	4°47	17°23	1°17	26°22	26°43	15°26	n.a.	S 17
M18	1 25 32	20° 0'30	27°55	12°41	1°13	17°51	7°36	23°40	4°47	17°24	1°16	26°22	26°39	15°32	n.a.	M18
T 19	1 29 28	21° 1'11	10♋10	14°17	1°47	18°33	7°29	23°47	4°46	17°26	1°16	26°23	26°36	15°39	n.a.	T 19
W20	1 33 25	22° 1'55	22°13	15°53	2°20	19°16	7°21	23°54	4°46	17°27	1°15	26°R23	26°33	15°46	n.a.	W20
T 21	1 37 21	23° 2'40	4♌ 8	17°29	2°51	19°59	7°13	24° 1	4°46	17°29	1°14	26°23	26°30	15°52	n.a.	T 21
F 22	1 41 18	24° 3'27	15°59	19° 5	3°20	20°42	7° 5	24° 8	4°46	17°30	1°13	26°22	26°27	15°59	n.a.	F 22
S 23	1 45 15	25° 4'15	27°52	20°41	3°48	21°25	6°58	24°15	4°45	17°32	1°12	26°22	26°23	16° 6	n.a.	S 23
S 24	1 49 11	26° 5'05	9♍51	22°16	4°14	22° 8	6°50	24°22	4°45	17°33	1°11	26°D22	26°20	16°13	n.a.	S 24
M25	1 53 8	27° 5'57	21°59	23°51	4°39	22°51	6°42	24°29	4°44	17°35	1°10	26°22	26°17	16°19	n.a.	M25
T 26	1 57 4	28° 6'50	4♎18	25°27	5° 1	23°34	6°34	24°36	4°44	17°36	1° 9	26°22	26°14	16°26	n.a.	T 26
W27	2 1 1	29° 7'45	16°52	27° 2	5°22	24°17	6°26	24°43	4°43	17°38	1° 8	26°22	26°11	16°33	n.a.	W27
T 28	2 4 57	0♏ 8'41	29°40	28°36	5°41	25° 1	6°18	24°50	4°43	17°40	1° 7	26°R22	26° 8	16°39	n.a.	T 28
F 29	2 8 54	1° 9'38	12♏44	0♏11	5°58	25°44	6° 9	24°57	4°42	17°41	1° 6	26°22	26° 4	16°46	n.a.	F 29
S 30	2 12 50	2°10'36	26° 2	1°46	6°13	26°27	6° 1	25° 4	4°41	17°43	1° 5	26°22	26° 1	16°53	n.a.	S 30
S 31	2 16 47	3♏11'35	9♐34	3♏20	6♐26	27♎11	5♉53	25♎11	4♋40	17♐45	1♊ 4	26♎21	25♎58	17♌ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s10	12s12	0n39	7n34	2n 6	21s53	4s27	1s56	0n28	13n41	1s12	6s31	2n12	24n 1	0n23	22s11	0n55	15n 1	5s49	10s18	10s44	12n12		n.a.
S 2	1 34	15 12	1 48	7 0	2 6	22 11	4 30	2 13	0 27	13 39	1 12	6 33	2 12	24 1	0 23	22 12	0 54	15 1	5 49	10 19	10 43	12 10		n.a.
S 3	1 58	17 28	2 52	6 24	2 5	22 27	4 33	2 30	0 27	13 37	1 12	6 36	2 12	24 1	0 23	22 12	0 54	15 1	5 49	10 19	10 41	12 8		n.a.
M 4	2 22	18 50	3 49	5 46	2 3	22 44	4 36	2 48	0 26	13 35	1 12	6 39	2 12	24 1	0 23	22 12	0 54	15 0	5 49	10 20	10 40	12 7		n.a.
T 5	2 46	19 7	4 34	5 7	2 1	22 59	4 38	3 5	0 26	13 33	1 12	6 41	2 12	24 1	0 23	22 12	0 54	15 0	5 49	10 20	10 39	12 5		n.a.
W 6	3 10	18 17	5 3	4 26	1 58	23 14	4 41	3 22	0 25	13 31	1 12	6 44	2 12	24 1	0 23	22 12	0 54	15 0	5 49	10 20	10 38	12 3		n.a.
T 7	3 34	16 19	5 16	3 45	1 54	23 29	4 43	3 39	0 24	13 29	1 12	6 47	2 12	24 1	0 23	22 12	0 54	15 0	5 49	10 20	10 37	12 2		n.a.
F 8	3 59	13 18	5 8	3 3	1 50	23 43	4 45	3 57	0 24	13 27	1 12	6 49	2 12	24 1	0 23	22 12	0 54	15 0	5 49	10 19	10 36	12 0		n.a.
S 9	4 22	9 27	4 42	2 21	1 46	23 56	4 47	4 14	0 23	13 25	1 12	6 52	2 12	24 1	0 23	22 13	0 54	14 59	5 49	10 19	10 35	11 58		n.a.
S 10	4 46	4 59	3 56	1 38	1 41	24 9	4 49	4 31	0 23	13 23	1 12	6 55	2 12	24 1	0 23	22 13	0 54	14 59	5 49	10 18	10 33	11 57		n.a.
M11	5 10	0 13	2 55	0 54	1 36	24 21	4 50	4 48	0 22	13 21	1 12	6 57	2 12	24 2	0 23	22 13	0 54	14 59	5 49	10 17	10 32	11 55		n.a.
T 12	5 34	4n31	1 43	0 11	1 31	24 32	4 51	5 6	0 21	13 19	1 12	7 0	2 12	24 2	0 23	22 13	0 54	14 59	5 49	10 17	10 31	11 53		n.a.
W13	5 58	8 56	0 26	0s33	1 26	24 43	4 52	5 23	0 21	13 17	1 12	7 3	2 12	24 2	0 23	22 13	0 54	14 59	5 49	10 17	10 30	11 52		n.a.
T 14	6 21	12 45	0s51	1 17	1 20	24 53	4 53	5 40	0 20	13 14	1 12	7 5	2 12	24 2	0 23	22 13	0 54	14 58	5 49	10 17	10 29	11 50		n.a.
F 15	6 45	15 46	2 4	2 1	1 14	25 2	4 54	5 57	0 20	13 12	1 12	7 8	2 11	24 2	0 23	22 13	0 54	14 58	5 50	10 17	10 28	11 48		n.a.
S 16	7 8	17 51	3 8	2 45	1 8	25 11	4 54	6 14	0 19	13 10	1 12	7 10	2 11	24 2	0 23	22 14	0 54	14 58	5 50	10 17	10 26	11 47		n.a.
S 17	7 32	18 57	4 0	3 29	1 2	25 19	4 54	6 31	0 19	13 7	1 12	7 13	2 11	24 2	0 23	22 14	0 54	14 58	5 50	10 18	10 25	11 45		n.a.
M18	7 55	19 4	4 39	4 13	0 55	25 27	4 54	6 48	0 18	13 5	1 12	7 16	2 11	24 2	0 23	22 14	0 54	14 58	5 50	10 18	10 24	11 43		n.a.
T 19	8 18	18 16	5 5	4 57	0 49	25 33	4 54	7 6	0 17	13 3	1 12	7 18	2 11	24 2	0 23	22 14	0 54	14 57	5 50	10 18	10 23	11 42		n.a.
W20	8 41	16 40	5 16	5 40	0 43	25 39	4 53	7 22	0 17	13 0	1 12	7 21	2 11	24 2	0 23	22 14	0 54	14 57	5 50	10 18	10 22	11 40		n.a.
T 21	9 4	14 22	5 14	6 24	0 36	25 45	4 52	7 39	0 16	12 58	1 12	7 24	2 11	24 2	0 23	22 14	0 54	14 57	5 50	10 18	10 21	11 38		n.a.
F 22	9 27	11 29	4 59	7 6	0 29	25 49	4 50	7 56	0 16	12 55	1 12	7 26	2 11	24 2	0 23	22 15	0 54	14 57	5 50	10 18	10 19	11 37		n.a.
S 23	9 49	8 7	4 31	7 49	0 23	25 53	4 49	8 13	0 15	12 53	1 12	7 29	2 11	24 2	0 23	22 15	0 54	14 57	5 50	10 18	10 18	11 35		n.a.
S 24	10 12	4 25	3 51	8 31	0 16	25 56	4 46	8 30	0 14	12 50	1 12	7 32	2 11	24 2	0 23	22 15	0 54	14 56	5 50	10 18	10 17	11 33		n.a.
M25	10 34	0 28	3 0	9 13	0 10	25 59	4 44	8 47	0 14	12 47	1 12	7 34	2 11	24 2	0 23	22 15	0 54	14 56	5 50	10 18	10 16	11 31		n.a.
T 26	10 56	3s33	1 59	9 55	0 3	26 0	4 41	9 4	0 13	12 45	1 11	7 37	2 11	24 2	0 23	22 15	0 54	14 56	5 50	10 18	10 15	11 30		n.a.
W27	11 18	7 31	0 53	10 36	0s 4	26 1	4 38	9 20	0 12	12 42	1 11	7 39	2 11	24 2	0 23	22 16	0 54	14 56	5 50	10 18	10 14	11 28		n.a.
T 28	11 40	11 12	0n18	11 16	0 10	26 1	4 34	9 37	0 12	12 40	1 11	7 42	2 11	24 2	0 23	22 16	0 54	14 55	5 50	10 18	10 12	11 26		n.a.
F 29	12 1	14 26	1 30	11 56	0 17	26 0	4 30	9 53	0 11	12 37	1 11	7 45	2 11	24 2	0 23	22 16	0 54	14 55	5 50	10 18	10 11	11 25		n.a.
S 30	12 23	16 57	2 37	12 35	0 23	25 58	4 26	10 10	0 11	12 34	1 11	7 47	2 11	24 2	0 23	22 16	0 53	14 55	5 50	10 18	10 10	11 23		n.a.
S 31	12s44	18s34	3n37	13s14	0s29	25s56	4s21	10s26	0n10	12n32	1s11	7s50	2n11	24n 2	0n23	22s16	0n53	14n55	5s50	10s17	10s 9	11n21		n.a.

Julian Day Number = 1607007.5, Delta T = 03h55m37s
Ecliptic obliquity = 23°43'52, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'47, Lahiri = - 8°16'47 Julian Calendar 1 Oct. 314 BCE == Greg. Calendar 26 Sept. 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

NOVEMBER 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 20 44	4♏12'36	23♐17	4♏54	6♐36	27♎54	5°R45	25♎18	4°R40	17♐47	1°R 3	26°R20	25♎55	17♌ 6	n.a.	M 1
T 2	2 24 40	5°13'37	7♑10	6°29	6°45	28°38	5♉37	25°25	4♋39	17°48	1♊ 2	26♎19	25°52	17°13	n.a.	T 2
W 3	2 28 37	6°14'39	21°12	8° 3	6°51	29°21	5°29	25°32	4°38	17°50	1° 1	26°18	25°49	17°20	n.a.	W 3
T 4	2 32 33	7°15'42	5♒19	9°37	6°55	0♏ 5	5°20	25°39	4°37	17°52	1° 0	26°D18	25°45	17°26	n.a.	T 4
F 5	2 36 30	8°16'45	19°31	11°12	6°R56	0°48	5°12	25°46	4°36	17°54	0°59	26°18	25°42	17°33	n.a.	F 5
S 6	2 40 26	9°17'49	3♓44	12°46	6°55	1°32	5° 4	25°53	4°34	17°56	0°57	26°19	25°39	17°40	n.a.	S 6
S 7	2 44 23	10°18'54	17°57	14°20	6°51	2°16	4°56	26° 0	4°33	17°58	0°56	26°20	25°36	17°47	n.a.	S 7
M 8	2 48 19	11°19'59	2♈ 7	15°54	6°45	2°59	4°48	26° 7	4°32	17°59	0°55	26°21	25°33	17°53	n.a.	M 8
T 9	2 52 16	12°21'05	16°10	17°28	6°36	3°43	4°40	26°14	4°31	18° 1	0°54	26°22	25°29	18° 0	n.a.	T 9
W10	2 56 13	13°22'11	0♉ 4	19° 3	6°25	4°27	4°32	26°20	4°29	18° 3	0°53	26°R22	25°26	18° 7	n.a.	W10
T 11	3 0 9	14°23'18	13°45	20°37	6°11	5°11	4°24	26°27	4°28	18° 5	0°52	26°22	25°23	18°13	n.a.	T 11
F 12	3 4 6	15°24'26	27°10	22°12	5°55	5°55	4°16	26°34	4°27	18° 7	0°51	26°20	25°20	18°20	n.a.	F 12
S 13	3 8 2	16°25'35	10♊17	23°46	5°37	6°39	4° 8	26°41	4°25	18° 9	0°49	26°17	25°17	18°27	n.a.	S 13
S 14	3 11 59	17°26'45	23° 7	25°21	5°16	7°23	4° 0	26°48	4°24	18°11	0°48	26°14	25°14	18°34	n.a.	S 14
M15	3 15 55	18°27'55	5♋39	26°55	4°53	8° 7	3°53	26°54	4°22	18°13	0°47	26°10	25°10	18°40	n.a.	M15
T 16	3 19 52	19°29'07	17°56	28°30	4°28	8°51	3°45	27° 1	4°21	18°15	0°46	26° 7	25° 7	18°47	n.a.	T 16
W17	3 23 48	20°30'18	0♌ 0	0♐ 5	4° 0	9°35	3°37	27° 8	4°19	18°17	0°45	26° 4	25° 4	18°54	n.a.	W17
T 18	3 27 45	21°31'31	11°56	1°40	3°31	10°19	3°30	27°14	4°17	18°19	0°44	26° 2	25° 1	19° 0	n.a.	T 18
F 19	3 31 42	22°32'44	23°48	3°14	3° 1	11° 3	3°23	27°21	4°16	18°22	0°42	26°D 2	24°58	19° 7	n.a.	F 19
S 20	3 35 38	23°33'58	5♍40	4°49	2°28	11°48	3°15	27°28	4°14	18°24	0°41	26° 3	24°54	19°14	n.a.	S 20
S 21	3 39 35	24°35'13	17°38	6°24	1°55	12°32	3° 8	27°34	4°12	18°26	0°40	26° 4	24°51	19°21	n.a.	S 21
M22	3 43 31	25°36'28	29°47	7°59	1°20	13°17	3° 1	27°41	4°10	18°28	0°39	26° 6	24°48	19°27	n.a.	M22
T 23	3 47 28	26°37'44	12♎11	9°33	0°45	14° 1	2°54	27°47	4° 8	18°30	0°38	26° 8	24°45	19°34	n.a.	T 23
W24	3 51 24	27°39'00	24°53	11° 7	0° 9	14°45	2°47	27°54	4° 6	18°32	0°36	26°R 8	24°42	19°41	n.a.	W24
T 25	3 55 21	28°40'17	7♏55	12°41	29♏32	15°30	2°41	28° 0	4° 5	18°34	0°35	26° 8	24°39	19°47	n.a.	T 25
F 26	3 59 17	29°41'34	21°19	14°15	28°56	16°15	2°34	28° 6	4° 3	18°36	0°34	26° 5	24°35	19°54	n.a.	F 26
S 27	4 3 14	0♐42'51	5♐ 3	15°48	28°19	16°59	2°28	28°13	4° 0	18°39	0°33	26° 1	24°32	20° 1	n.a.	S 27
S 28	4 7 11	1°44'09	19° 3	17°20	27°43	17°44	2°22	28°19	3°58	18°41	0°31	25°56	24°29	20° 8	n.a.	S 28
M29	4 11 7	2°45'26	3♑17	18°51	27° 8	18°29	2°16	28°25	3°56	18°43	0°30	25°50	24°26	20°14	n.a.	M29
T 30	4 15 4	3♐46'43	17♑37	20♐22	26♏34	19♏13	2♉10	28♎31	3♋54	18♐45	0♊29	25♎44	24♎23	20♌21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s 5	19s 8	4n26	13s52	0s36	25s52	4s16	10s43	0n 9	12n29	1s11	7s52	2n11	24n 2	0n24	22s16	0n53	14n55	5s50	10s17	10s 8	11n20		n.a.
T 2	13 25	18 33	4 59	14 30	0 42	25 48	4 10	10 59	0 9	12 27	1 11	7 55	2 11	24 2	0 24	22 17	0 53	14 54	5 50	10 17	10 7	11 18		n.a.
W 3	13 46	16 51	5 16	15 7	0 48	25 43	4 3	11 15	0 8	12 24	1 11	7 57	2 11	24 2	0 24	22 17	0 53	14 54	5 50	10 16	10 5	11 16		n.a.
T 4	14 6	14 7	5 13	15 43	0 54	25 37	3 57	11 31	0 7	12 21	1 10	8 0	2 11	24 3	0 24	22 17	0 53	14 54	5 50	10 16	10 4	11 14		n.a.
F 5	14 26	10 32	4 51	16 19	1 0	25 30	3 49	11 47	0 7	12 19	1 10	8 2	2 11	24 3	0 24	22 17	0 53	14 54	5 50	10 16	10 3	11 13		n.a.
S 6	14 46	6 21	4 12	16 54	1 6	25 22	3 41	12 3	0 6	12 16	1 10	8 5	2 11	24 3	0 24	22 17	0 53	14 53	5 50	10 17	10 2	11 11		n.a.
S 7	15 6	1 48	3 17	17 28	1 11	25 13	3 33	12 19	0 6	12 13	1 10	8 7	2 11	24 3	0 24	22 18	0 53	14 53	5 50	10 17	10 1	11 9		n.a.
M 8	15 25	2n50	2 10	18 1	1 17	25 3	3 24	12 35	0 5	12 11	1 10	8 10	2 11	24 3	0 24	22 18	0 53	14 53	5 50	10 17	10 0	11 8		n.a.
T 9	15 44	7 18	0 56	18 34	1 22	24 52	3 14	12 50	0 4	12 8	1 10	8 12	2 11	24 3	0 24	22 18	0 53	14 53	5 50	10 18	9 58	11 6		n.a.
W10	16 3	11 19	0s20	19 5	1 27	24 40	3 4	13 6	0 4	12 6	1 10	8 15	2 11	24 3	0 24	22 18	0 53	14 53	5 50	10 18	9 57	11 4		n.a.
T 11	16 21	14 39	1 35	19 36	1 32	24 27	2 53	13 22	0 3	12 3	1 9	8 17	2 11	24 3	0 24	22 18	0 53	14 52	5 50	10 18	9 56	11 2		n.a.
F 12	16 39	17 8	2 42	20 6	1 37	24 13	2 42	13 37	0 2	12 1	1 9	8 20	2 11	24 3	0 24	22 19	0 53	14 52	5 50	10 17	9 55	11 1		n.a.
S 13	16 57	18 39	3 39	20 34	1 41	23 58	2 31	13 52	0 2	11 58	1 9	8 22	2 11	24 3	0 24	22 19	0 53	14 52	5 50	10 16	9 54	10 59		n.a.
S 14	17 15	19 10	4 24	21 2	1 45	23 42	2 18	14 7	0 1	11 56	1 9	8 25	2 12	24 3	0 24	22 19	0 53	14 52	5 50	10 15	9 53	10 57		n.a.
M15	17 32	18 42	4 55	21 29	1 49	23 25	2 5	14 23	0 0	11 53	1 9	8 27	2 12	24 3	0 24	22 19	0 53	14 51	5 50	10 13	9 51	10 55		n.a.
T 16	17 49	17 22	5 11	21 54	1 53	23 8	1 52	14 37	0s 0	11 51	1 8	8 29	2 12	24 3	0 24	22 20	0 53	14 51	5 50	10 12	9 50	10 54		n.a.
W17	18 6	15 17	5 14	22 19	1 57	22 49	1 38	14 52	0 1	11 48	1 8	8 32	2 12	24 3	0 24	22 20	0 53	14 51	5 50	10 11	9 49	10 52		n.a.
T 18	18 22	12 35	5 2	22 42	2 0	22 30	1 24	15 7	0 2	11 46	1 8	8 34	2 12	24 4	0 24	22 20	0 53	14 51	5 50	10 11	9 48	10 50		n.a.
F 19	18 38	9 23	4 38	23 4	2 3	22 9	1 10	15 22	0 2	11 44	1 8	8 36	2 12	24 4	0 24	22 20	0 53	14 51	5 50	10 10	9 47	10 49		n.a.
S 20	18 54	5 48	4 2	23 24	2 5	21 48	0 55	15 36	0 3	11 41	1 8	8 39	2 12	24 4	0 24	22 20	0 53	14 50	5 50	10 11	9 46	10 47		n.a.
S 21	19 9	1 57	3 16	23 44	2 7	21 27	0 40	15 51	0 3	11 39	1 7	8 41	2 12	24 4	0 24	22 21	0 53	14 50	5 50	10 11	9 44	10 45		n.a.
M22	19 24	2s 2	2 19	24 1	2 9	21 5	0 25	16 5	0 4	11 37	1 7	8 43	2 12	24 4	0 24	22 21	0 53	14 50	5 50	10 12	9 43	10 43		n.a.
T 23	19 38	6 2	1 16	24 18	2 10	20 42	0 9	16 19	0 5	11 35	1 7	8 46	2 12	24 4	0 24	22 21	0 53	14 50	5 50	10 12	9 42	10 42		n.a.
W24	19 53	9 51	0 7	24 33	2 11	20 19	0n 7	16 33	0 5	11 33	1 7	8 48	2 12	24 4	0 24	22 21	0 53	14 50	5 50	10 13	9 41	10 40		n.a.
T 25	20 6	13 19	1n 4	24 46	2 11	19 56	0 22	16 47	0 6	11 31	1 7	8 50	2 12	24 4	0 24	22 21	0 53	14 49	5 50	10 13	9 40	10 38		n.a.
F 26	20 20	16 10	2 13	24 57	2 11	19 33	0 38	17 0	0 7	11 29	1 6	8 52	2 12	24 4	0 24	22 22	0 53	14 49	5 50	10 12	9 38	10 36		n.a.
S 27	20 33	18 11	3 16	25 7	2 10	19 10	0 53	17 14	0 7	11 27	1 6	8 55	2 12	24 4	0 24	22 22	0 53	14 49	5 49	10 10	9 37	10 35		n.a.
S 28	20 46	19 8	4 9	25 16	2 9	18 47	1 9	17 27	0 8	11 25	1 6	8 57	2 12	24 4	0 24	22 22	0 53	14 49	5 49	10 8	9 36	10 33		n.a.
M29	20 58	18 55	4 47	25 22	2 7	18 24	1 24	17 41	0 9	11 23	1 6	8 59	2 13	24 4	0 24	22 22	0 53	14 49	5 49	10 6	9 35	10 31		n.a.
T 30	21s10	17s29	5n 7	25s27	2s 5	18s 2	1n38	17s54	0s 9	11n21	1s 5	9s 1	2n13	24n 5	0n24	22s22	0n53	14n48	5s49	10s 4	9s34	10n30		n.a.

Julian Day Number = 1607038.5, Delta T = 03h55m36s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'43, Lahiri = - 8°16'43 Julian Calendar 1 Nov. 314 BCE == Greg. Calendar 27 Oct. 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 314 BCE
geocentric

DECEMBER 314 BCE (-313) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 19 0	4♐48'00	2♒ 0	21♐51	26°R 0	19♏58	2°R 4	28♎38	3°R52	18♐47	0°R28	25°R39	24♎20	20♌28	n.a.	W 1
T 2	4 22 57	5°49'17	16°20	23°18	25♏28	20°43	1♉58	28°44	3♋50	18°50	0♊27	25♎35	24°16	20°34	n.a.	T 2
F 3	4 26 53	6°50'33	0♓33	24°43	24°58	21°28	1°53	28°50	3°48	18°52	0°25	25°D34	24°13	20°41	n.a.	F 3
S 4	4 30 50	7°51'49	14°39	26° 6	24°29	22°13	1°47	28°56	3°45	18°54	0°24	25°34	24°10	20°48	n.a.	S 4
S 5	4 34 47	8°53'04	28°35	27°26	24° 2	22°58	1°42	29° 2	3°43	18°56	0°23	25°35	24° 7	20°55	n.a.	S 5
M 6	4 38 43	9°54'18	12♈20	28°43	23°37	23°42	1°37	29° 8	3°41	18°59	0°22	25°36	24° 4	21° 1	n.a.	M 6
T 7	4 42 40	10°55'33	25°56	29°55	23°14	24°28	1°32	29°13	3°38	19° 1	0°21	25°R37	24° 0	21° 8	n.a.	T 7
W 8	4 46 36	11°56'46	9♉22	1♊ 4	22°54	25°13	1°28	29°19	3°36	19° 3	0°19	25°36	23°57	21°15	n.a.	W 8
T 9	4 50 33	12°57'59	22°37	2° 6	22°36	25°58	1°23	29°25	3°34	19° 5	0°18	25°33	23°54	21°21	n.a.	T 9
F 10	4 54 29	13°59'12	5♊41	3° 3	22°20	26°43	1°19	29°31	3°31	19° 8	0°17	25°27	23°51	21°28	n.a.	F 10
S 11	4 58 26	15° 0'25	18°32	3°53	22° 6	27°28	1°15	29°36	3°29	19°10	0°16	25°19	23°48	21°35	n.a.	S 11
S 12	5 2 22	16° 1'36	1♋11	4°34	21°56	28°13	1°11	29°42	3°26	19°12	0°15	25°10	23°45	21°41	n.a.	S 12
M13	5 6 19	17° 2'48	13°36	5° 8	21°47	28°58	1° 8	29°48	3°24	19°15	0°14	25° 0	23°41	21°48	n.a.	M13
T 14	5 10 16	18° 3'59	25°50	5°31	21°42	29°44	1° 4	29°53	3°22	19°17	0°12	24°50	23°38	21°55	n.a.	T 14
W15	5 14 12	19° 5'10	7♌53	5°44	21°38	0♐29	1° 1	29°58	3°19	19°19	0°11	24°41	23°35	22° 2	n.a.	W15
T 16	5 18 9	20° 6'20	19°47	5°R46	21°D37	1°14	0°58	0♏ 4	3°17	19°21	0°10	24°34	23°32	22° 8	n.a.	T 16
F 17	5 22 5	21° 7'29	1♍38	5°36	21°39	2° 0	0°55	0° 9	3°14	19°24	0° 9	24°29	23°29	22°15	n.a.	F 17
S 18	5 26 2	22° 8'39	13°29	5°15	21°43	2°45	0°52	0°14	3°11	19°26	0° 8	24°27	23°26	22°22	n.a.	S 18
S 19	5 29 58	23° 9'47	25°24	4°42	21°50	3°31	0°50	0°19	3° 9	19°28	0° 7	24°D26	23°22	22°28	n.a.	S 19
M20	5 33 55	24°10'56	7♎30	3°58	21°58	4°16	0°47	0°24	3° 6	19°30	0° 6	24°27	23°19	22°35	n.a.	M20
T 21	5 37 51	25°12'03	19°52	3° 4	22° 9	5° 2	0°45	0°30	3° 4	19°33	0° 5	24°R28	23°16	22°42	n.a.	T 21
W22	5 41 48	26°13'11	2♏35	2° 2	22°23	5°47	0°43	0°34	3° 1	19°35	0° 4	24°28	23°13	22°49	n.a.	W22
T 23	5 45 45	27°14'17	15°41	0°53	22°38	6°33	0°41	0°39	2°59	19°37	0° 3	24°25	23°10	22°55	n.a.	T 23
F 24	5 49 41	28°15'23	29°15	29♐39	22°55	7°19	0°40	0°44	2°56	19°39	0° 1	24°21	23° 6	23° 2	n.a.	F 24
S 25	5 53 38	29°16'28	13♐15	28°23	23°15	8° 4	0°39	0°49	2°53	19°42	0° 0	24°13	23° 3	23° 9	n.a.	S 25
S 26	5 57 34	0♑17'33	27°38	27° 7	23°36	8°50	0°38	0°54	2°51	19°44	29♉59	24° 4	23° 0	23°15	n.a.	S 26
M27	6 1 31	1°18'36	12♑18	25°53	23°59	9°36	0°37	0°58	2°48	19°46	29°58	23°53	22°57	23°22	n.a.	M27
T 28	6 5 27	2°19'38	27° 8	24°43	24°24	10°21	0°36	1° 3	2°46	19°48	29°57	23°42	22°54	23°29	n.a.	T 28
W29	6 9 24	3°20'39	11♒58	23°39	24°51	11° 7	0°36	1° 7	2°43	19°51	29°56	23°33	22°51	23°35	n.a.	W29
T 30	6 13 21	4°21'39	26°41	22°42	25°19	11°53	0°35	1°12	2°40	19°53	29°55	23°25	22°47	23°42	n.a.	T 30
F 31	6 17 17	5♑22'37	11♓11	21♐53	25♏49	12♐39	0°D35	1♏16	2♋38	19♐55	29♉54	23♎21	22♎44	23♌49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21s21	14s57	5n 8	25s30	2s 1	17s40	1n53	18s 7	0s10	11n19	1s 5	9s 3	2n13	24n 5	0n24	22s23	0n53	14n48	5s49	10s 2	9s33	10n28			n.a.
T 2	21 32	11 31	4 50	25 31	1 57	17 19	2 7	18 19	0 11	11 17	1 5	9 5	2 13	24 5	0 24	22 23	0 53	14 48	5 49	10 1	9 31	10 26			n.a.
F 3	21 43	7 27	4 14	25 30	1 52	16 58	2 21	18 32	0 11	11 16	1 5	9 7	2 13	24 5	0 24	22 23	0 53	14 48	5 49	10 0	9 30	10 24			n.a.
S 4	21 53	3 0	3 24	25 27	1 47	16 38	2 34	18 44	0 12	11 14	1 4	9 9	2 13	24 5	0 24	22 23	0 53	14 48	5 49	10 0	9 29	10 23			n.a.
S 5	22 3	1n35	2 21	25 22	1 40	16 19	2 46	18 57	0 13	11 13	1 4	9 11	2 13	24 5	0 24	22 23	0 53	14 47	5 49	10 0	9 28	10 21			n.a.
M 6	22 12	6 2	1 11	25 16	1 33	16 1	2 58	19 9	0 13	11 11	1 4	9 13	2 13	24 5	0 24	22 24	0 53	14 47	5 49	10 1	9 27	10 19			n.a.
T 7	22 21	10 7	0s 2	25 8	1 24	15 45	3 10	19 21	0 14	11 10	1 3	9 15	2 13	24 5	0 24	22 24	0 53	14 47	5 49	10 1	9 25	10 17			n.a.
W 8	22 30	13 38	1 14	24 58	1 14	15 29	3 21	19 32	0 15	11 8	1 3	9 17	2 13	24 5	0 24	22 24	0 53	14 47	5 49	10 1	9 24	10 16			n.a.
T 9	22 38	16 23	2 20	24 46	1 4	15 14	3 31	19 44	0 15	11 7	1 3	9 19	2 14	24 5	0 24	22 24	0 53	14 47	5 49	10 0	9 23	10 14			n.a.
F 10	22 45	18 15	3 19	24 33	0 52	15 1	3 41	19 55	0 16	11 6	1 3	9 21	2 14	24 5	0 24	22 24	0 53	14 47	5 49	9 58	9 22	10 12			n.a.
S 11	22 53	19 9	4 6	24 19	0 39	14 49	3 50	20 6	0 17	11 5	1 2	9 23	2 14	24 6	0 24	22 25	0 53	14 46	5 48	9 55	9 21	10 10			n.a.
S 12	22 59	19 4	4 40	24 3	0 24	14 37	3 59	20 17	0 18	11 4	1 2	9 25	2 14	24 6	0 24	22 25	0 52	14 46	5 48	9 51	9 20	10 9			n.a.
M13	23 5	18 3	5 0	23 47	0 9	14 28	4 7	20 28	0 18	11 3	1 2	9 27	2 14	24 6	0 24	22 25	0 52	14 46	5 48	9 47	9 18	10 7			n.a.
T 14	23 11	16 14	5 6	23 30	0n 7	14 19	4 14	20 39	0 19	11 2	1 2	9 29	2 14	24 6	0 25	22 25	0 52	14 46	5 48	9 44	9 17	10 5			n.a.
W15	23 17	13 44	4 58	23 12	0 25	14 11	4 21	20 49	0 20	11 1	1 1	9 30	2 14	24 6	0 25	22 25	0 52	14 46	5 48	9 40	9 16	10 3			n.a.
T 16	23 21	10 41	4 37	22 53	0 43	14 5	4 28	20 59	0 20	11 0	1 1	9 32	2 14	24 6	0 25	22 26	0 52	14 46	5 48	9 38	9 15	10 2			n.a.
F 17	23 26	7 13	4 4	22 35	1 2	14 0	4 33	21 9	0 21	10 59	1 1	9 34	2 15	24 6	0 25	22 26	0 52	14 46	5 48	9 36	9 14	10 0			n.a.
S 18	23 30	3 29	3 21	22 17	1 21	13 56	4 39	21 19	0 22	10 58	1 0	9 36	2 15	24 6	0 25	22 26	0 52	14 45	5 48	9 35	9 12	9 58			n.a.
S 19	23 33	0s26	2 29	21 59	1 40	13 53	4 43	21 29	0 22	10 58	1 0	9 37	2 15	24 6	0 25	22 26	0 52	14 45	5 48	9 35	9 11	9 56			n.a.
M20	23 36	4 23	1 29	21 42	1 59	13 51	4 48	21 38	0 23	10 57	1 0	9 39	2 15	24 6	0 25	22 26	0 52	14 45	5 48	9 35	9 10	9 54			n.a.
T 21	23 39	8 14	0 25	21 25	2 17	13 50	4 51	21 47	0 24	10 57	0 59	9 41	2 15	24 6	0 25	22 27	0 52	14 45	5 47	9 36	9 9	9 53			n.a.
W22	23 41	11 50	0n43	21 9	2 34	13 50	4 55	21 56	0 24	10 56	0 59	9 42	2 15	24 6	0 25	22 27	0 52	14 45	5 47	9 36	9 8	9 51			n.a.
T 23	23 42	14 58	1 51	20 54	2 49	13 52	4 57	22 5	0 25	10 56	0 59	9 44	2 15	24 6	0 25	22 27	0 52	14 45	5 47	9 35	9 6	9 49			n.a.
F 24	23 43	17 24	2 54	20 41	3 3	13 54	5 0	22 13	0 26	10 56	0 59	9 45	2 16	24 7	0 25	22 27	0 52	14 45	5 47	9 33	9 5	9 47			n.a.
S 25	23 44	18 53	3 49	20 29	3 14	13 56	5 2	22 21	0 26	10 56	0 58	9 47	2 16	24 7	0 25	22 27	0 52	14 45	5 47	9 30	9 4	9 46			n.a.
S 26	23 44	19 11	4 31	20 19	3 23	14 0	5 4	22 29	0 27	10 56	0 58	9 48	2 16	24 7	0 25	22 27	0 52	14 45	5 47	9 27	9 3	9 44			n.a.
M27	23 43	18 14	4 56	20 10	3 30	14 4	5 5	22 37	0 28	10 56	0 58	9 50	2 16	24 7	0 25	22 28	0 52	14 45	5 47	9 23	9 2	9 42			n.a.
T 28	23 43	16 3	5 2	20 4	3 34	14 10	5 6	22 44	0 28	10 56	0 57	9 51	2 16	24 7	0 25	22 28	0 52	14 44	5 47	9 19	9 0	9 40			n.a.
W29	23 41	12 49	4 47	19 59	3 36	14 15	5 6	22 52	0 29	10 56	0 57	9 53	2 16	24 7	0 25	22 28	0 52	14 44	5 47	9 15	8 59	9 39			n.a.
T 30	23 39	8 48	4 13	19 56	3 36	14 22	5 7	22 59	0 30	10 56	0 57	9 54	2 17	24 7	0 25	22 28	0 52	14 44	5 46	9 12	8 58	9 37			n.a.
F 31	23s37	4s19	3n24	19s56	3n33	14s29	5n 7	23s 6	0s30	10n56	0s57	9s55	2n17	24n 7	0n25	22s28	0n52	14n44	5s46	9s11	8s57	9n35			n.a.

Julian Day Number = 1607068.5, Delta T = 03h55m35s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'39, Lahiri = - 8°16'39 Julian Calendar 1 Dec. 314 BCE == Greg. Calendar 26 Nov. 314 BCE

The year -313 astronomical counting style corresponds to year 314 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

JANUARY 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 21 14	6♑23'34	25♓23	21°R12	26♏21	13♐25	0♉35	1♏20	2°R35	19♐57	29°R54	23°R18	22♎41	23♌56	n.a.	S 1
S 2	6 25 10	7°24'29	9♈17	20♐40	26°54	14°11	0°36	1°24	2♋32	20° 0	29♉53	23°D18	22°38	24° 2	n.a.	S 2
M 3	6 29 7	8°25'22	22°53	20°16	27°28	14°57	0°36	1°28	2°30	20° 2	29°52	23°R18	22°35	24° 9	n.a.	M 3
T 4	6 33 3	9°26'14	6♉13	20° 1	28° 4	15°43	0°37	1°32	2°27	20° 4	29°51	23♎18	22°32	24°16	n.a.	T 4
W 5	6 37 0	10°27'04	19°18	19°D54	28°41	16°29	0°38	1°36	2°25	20° 6	29°50	23°15	22°28	24°22	n.a.	W 5
T 6	6 40 56	11°27'53	2♊12	19°55	29°19	17°15	0°39	1°40	2°22	20° 8	29°49	23°10	22°25	24°29	n.a.	T 6
F 7	6 44 53	12°28'41	14°54	20° 2	29°59	18° 1	0°41	1°44	2°20	20°10	29°48	23° 2	22°22	24°36	n.a.	F 7
S 8	6 48 50	13°29'26	27°27	20°17	0♐39	18°47	0°42	1°47	2°17	20°13	29°47	22°50	22°19	24°43	n.a.	S 8
S 9	6 52 46	14°30'11	9♋50	20°38	1°21	19°33	0°44	1°51	2°14	20°15	29°46	22°37	22°16	24°49	n.a.	S 9
M10	6 56 43	15°30'53	22° 4	21° 4	2° 4	20°19	0°46	1°54	2°12	20°17	29°46	22°22	22°12	24°56	n.a.	M10
T 11	7 0 39	16°31'35	4♌10	21°36	2°48	21° 5	0°48	1°58	2° 9	20°19	29°45	22° 8	22° 9	25° 3	n.a.	T 11
W12	7 4 36	17°32'14	16° 8	22°12	3°33	21°51	0°50	2° 1	2° 7	20°21	29°44	21°55	22° 6	25° 9	n.a.	W12
T 13	7 8 32	18°32'53	28° 1	22°54	4°19	22°38	0°53	2° 4	2° 4	20°23	29°43	21°44	22° 3	25°16	n.a.	T 13
F 14	7 12 29	19°33'30	9♍50	23°39	5° 6	23°24	0°56	2° 7	2° 2	20°25	29°43	21°36	22° 0	25°23	n.a.	F 14
S 15	7 16 25	20°34'05	21°40	24°28	5°54	24°10	0°59	2°11	1°59	20°27	29°42	21°31	21°57	25°29	n.a.	S 15
S 16	7 20 22	21°34'39	3♎34	25°20	6°42	24°56	1° 2	2°13	1°57	20°29	29°41	21°29	21°53	25°36	n.a.	S 16
M17	7 24 19	22°35'12	15°37	26°15	7°31	25°43	1° 5	2°16	1°55	20°31	29°41	21°28	21°50	25°43	n.a.	M17
T 18	7 28 15	23°35'43	27°55	27°14	8°22	26°29	1° 9	2°19	1°52	20°33	29°40	21°28	21°47	25°50	n.a.	T 18
W19	7 32 12	24°36'13	10♏33	28°15	9°13	27°15	1°12	2°22	1°50	20°35	29°39	21°27	21°44	25°56	n.a.	W19
T 20	7 36 8	25°36'41	23°35	29°19	10° 4	28° 2	1°16	2°24	1°48	20°37	29°39	21°25	21°41	26° 3	n.a.	T 20
F 21	7 40 5	26°37'09	7♐ 7	0♑25	10°57	28°48	1°20	2°27	1°45	20°39	29°38	21°20	21°38	26°10	n.a.	F 21
S 22	7 44 1	27°37'34	21° 8	1°33	11°50	29°34	1°24	2°29	1°43	20°41	29°37	21°13	21°34	26°16	n.a.	S 22
S 23	7 47 58	28°37'58	5♑38	2°43	12°43	0♑21	1°29	2°32	1°41	20°43	29°37	21° 3	21°31	26°23	n.a.	S 23
M24	7 51 54	29°38'20	20°31	3°55	13°37	1° 7	1°33	2°34	1°38	20°45	29°36	20°51	21°28	26°30	n.a.	M24
T 25	7 55 51	0♒38'41	5♒39	5° 9	14°32	1°54	1°38	2°36	1°36	20°47	29°36	20°40	21°25	26°36	n.a.	T 25
W26	7 59 48	1°38'59	20°51	6°25	15°27	2°40	1°43	2°38	1°34	20°48	29°35	20°29	21°22	26°43	n.a.	W26
T 27	8 3 44	2°39'16	5♓57	7°42	16°23	3°27	1°48	2°40	1°32	20°50	29°35	20°21	21°18	26°50	n.a.	T 27
F 28	8 7 41	3°39'30	20°48	9° 1	17°20	4°13	1°54	2°42	1°30	20°52	29°34	20°16	21°15	26°57	n.a.	F 28
S 29	8 11 37	4°39'42	5♈16	10°21	18°17	5° 0	1°59	2°43	1°28	20°54	29°34	20°13	21°12	27° 3	n.a.	S 29
S 30	8 15 34	5°39'52	19°21	11°43	19°14	5°46	2° 5	2°45	1°26	20°56	29°34	20°D12	21° 9	27°10	n.a.	S 30
M31	8 19 30	6♒40'00	3♉ 1	13♑ 6	20♐12	6♑33	2♉10	2♏47	1♋24	20♐57	29♉33	20°R12	21♎ 6	27♌17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s34	0n19	2n22	19s57	3n29	14s36	5n 6	23s12	0s31	10n56	0s56	9s57	2n17	24n 7	0n25	22s29	0n52	14n44	5s46	9s10	8s56	9n33		n.a.
S 2	23 31	4 51	1 14	20 1	3 24	14 45	5 6	23 18	0 32	10 57	0 56	9 58	2 17	24 7	0 25	22 29	0 52	14 44	5 46	9 10	8 55	9 32		n.a.
M 3	23 28	9 2	0 2	20 6	3 17	14 53	5 5	23 24	0 32	10 57	0 56	9 59	2 17	24 7	0 25	22 29	0 52	14 44	5 46	9 10	8 53	9 30		n.a.
T 4	23 23	12 41	1s 8	20 13	3 9	15 2	5 4	23 30	0 33	10 58	0 55	10 0	2 17	24 7	0 25	22 29	0 52	14 44	5 46	9 9	8 52	9 28		n.a.
W 5	23 19	15 38	2 13	20 21	3 0	15 12	5 2	23 36	0 34	10 58	0 55	10 2	2 18	24 7	0 25	22 29	0 52	14 44	5 46	9 9	8 51	9 26		n.a.
T 6	23 14	17 45	3 10	20 31	2 50	15 21	5 1	23 41	0 34	10 59	0 55	10 3	2 18	24 7	0 25	22 29	0 52	14 44	5 45	9 7	8 50	9 24		n.a.
F 7	23 8	18 56	3 57	20 41	2 41	15 31	4 59	23 46	0 35	11 0	0 54	10 4	2 18	24 7	0 25	22 30	0 52	14 44	5 45	9 3	8 49	9 23		n.a.
S 8	23 2	19 11	4 31	20 52	2 30	15 42	4 57	23 51	0 36	11 1	0 54	10 5	2 18	24 7	0 25	22 30	0 52	14 44	5 45	8 59	8 47	9 21		n.a.
S 9	22 56	18 30	4 52	21 5	2 19	15 53	4 55	23 55	0 36	11 2	0 54	10 6	2 18	24 7	0 25	22 30	0 52	14 44	5 45	8 54	8 46	9 19		n.a.
M10	22 49	16 58	5 0	21 17	2 9	16 3	4 52	23 59	0 37	11 3	0 54	10 7	2 18	24 8	0 25	22 30	0 52	14 44	5 45	8 49	8 45	9 17		n.a.
T 11	22 42	14 42	4 53	21 30	1 58	16 14	4 49	24 3	0 38	11 4	0 53	10 8	2 19	24 8	0 25	22 30	0 52	14 44	5 45	8 43	8 44	9 16		n.a.
W12	22 34	11 50	4 34	21 43	1 47	16 26	4 47	24 7	0 38	11 5	0 53	10 9	2 19	24 8	0 25	22 30	0 52	14 44	5 45	8 38	8 43	9 14		n.a.
T 13	22 26	8 31	4 3	21 57	1 36	16 37	4 44	24 10	0 39	11 6	0 53	10 10	2 19	24 8	0 25	22 30	0 52	14 44	5 44	8 34	8 41	9 12		n.a.
F 14	22 17	4 52	3 21	22 10	1 25	16 48	4 41	24 14	0 40	11 7	0 52	10 11	2 19	24 8	0 25	22 31	0 52	14 44	5 44	8 31	8 40	9 10		n.a.
S 15	22 8	1 3	2 31	22 23	1 14	17 0	4 37	24 16	0 40	11 8	0 52	10 12	2 19	24 8	0 25	22 31	0 52	14 44	5 44	8 29	8 39	9 8		n.a.
S 16	21 59	2s51	1 33	22 35	1 4	17 11	4 34	24 19	0 41	11 10	0 52	10 13	2 20	24 8	0 25	22 31	0 52	14 44	5 44	8 28	8 38	9 7		n.a.
M17	21 49	6 42	0 31	22 47	0 53	17 23	4 31	24 21	0 42	11 11	0 52	10 13	2 20	24 8	0 25	22 31	0 52	14 44	5 44	8 28	8 37	9 5		n.a.
T 18	21 38	10 20	0n34	22 59	0 43	17 35	4 27	24 23	0 42	11 13	0 51	10 14	2 20	24 8	0 25	22 31	0 52	14 44	5 44	8 28	8 35	9 3		n.a.
W19	21 28	13 36	1 39	23 10	0 33	17 46	4 23	24 25	0 43	11 14	0 51	10 15	2 20	24 8	0 25	22 31	0 52	14 44	5 43	8 28	8 34	9 1		n.a.
T 20	21 17	16 18	2 41	23 21	0 23	17 57	4 19	24 27	0 44	11 16	0 51	10 16	2 20	24 8	0 25	22 31	0 52	14 44	5 43	8 27	8 33	8 59		n.a.
F 21	21 5	18 12	3 36	23 30	0 13	18 9	4 15	24 28	0 44	11 18	0 51	10 16	2 21	24 8	0 25	22 32	0 52	14 44	5 43	8 25	8 32	8 58		n.a.
S 22	20 53	19 6	4 21	23 39	0 4	18 20	4 11	24 29	0 45	11 19	0 50	10 17	2 21	24 8	0 25	22 32	0 52	14 44	5 43	8 22	8 31	8 56		n.a.
S 23	20 41	18 47	4 50	23 47	0s 5	18 31	4 7	24 29	0 46	11 21	0 50	10 18	2 21	24 8	0 25	22 32	0 52	14 44	5 43	8 19	8 29	8 54		n.a.
M24	20 28	17 11	5 1	23 54	0 14	18 42	4 3	24 30	0 46	11 23	0 50	10 18	2 21	24 8	0 25	22 32	0 52	14 44	5 43	8 14	8 28	8 52		n.a.
T 25	20 15	14 24	4 51	24 0	0 23	18 53	3 58	24 30	0 47	11 25	0 49	10 19	2 21	24 8	0 25	22 32	0 52	14 44	5 42	8 10	8 27	8 51		n.a.
W26	20 2	10 37	4 20	24 5	0 31	19 3	3 54	24 30	0 48	11 27	0 49	10 19	2 22	24 8	0 25	22 32	0 52	14 44	5 42	8 6	8 26	8 49		n.a.
T 27	19 48	6 10	3 31	24 9	0 39	19 13	3 49	24 29	0 48	11 29	0 49	10 20	2 22	24 8	0 25	22 32	0 52	14 44	5 42	8 3	8 25	8 47		n.a.
F 28	19 34	1 25	2 29	24 12	0 47	19 23	3 45	24 28	0 49	11 31	0 49	10 20	2 22	24 8	0 25	22 32	0 52	14 44	5 42	8 1	8 23	8 45		n.a.
S 29	19 20	3n19	1 18	24 13	0 54	19 33	3 40	24 27	0 49	11 33	0 48	10 20	2 22	24 8	0 25	22 33	0 52	14 44	5 42	8 0	8 22	8 43		n.a.
S 30	19 5	7 44	0 5	24 13	1 1	19 43	3 35	24 26	0 50	11 35	0 48	10 21	2 22	24 8	0 25	22 33	0 52	14 44	5 42	7 59	8 21	8 42		n.a.
M31	18s50	11n37	1s 7	24s12	1s 8	19s52	3n31	24s25	0s51	11n38	0s48	10s21	2n23	24n 8	0n25	22s33	0n52	14n44	5s41	7s59	8s20	8n40		n.a.

Julian Day Number = 1607099.5, Delta T = 03h55m34s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'35, Lahiri = - 8°16'34 Julian Calendar 1 Jan. 313 BCE == Greg. Calendar 27 Dec. 314 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

FEBRUARY 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 23 27	7♒40'05	16♉18	14♑30	21♐10	7♑19	2♉16	2♏48	1°R22	20♐59	29°R33	20°R12	21♎ 3	27♌23	n.a.	T 1
W 2	8 27 23	8°40'08	29°16	15°56	22° 9	8° 6	2°23	2°49	1♋20	21° 1	29♉33	20♎10	20°59	27°30	n.a.	W 2
T 3	8 31 20	9°40'09	11♊58	17°23	23° 8	8°52	2°29	2°51	1°18	21° 2	29°32	20° 6	20°56	27°37	n.a.	T 3
F 4	8 35 17	10°40'08	24°27	18°51	24° 7	9°39	2°35	2°52	1°16	21° 4	29°32	19°59	20°53	27°43	n.a.	F 4
S 5	8 39 13	11°40'05	6♋45	20°20	25° 7	10°25	2°42	2°53	1°14	21° 6	29°32	19°49	20°50	27°50	n.a.	S 5
S 6	8 43 10	12°39'59	18°55	21°51	26° 7	11°12	2°49	2°54	1°13	21° 7	29°31	19°38	20°47	27°57	n.a.	S 6
M 7	8 47 6	13°39'51	0♌58	23°23	27° 8	11°59	2°56	2°55	1°11	21° 9	29°31	19°25	20°44	28° 3	n.a.	M 7
T 8	8 51 3	14°39'41	12°55	24°56	28° 9	12°45	3° 3	2°55	1° 9	21°10	29°31	19°12	20°40	28°10	n.a.	T 8
W 9	8 54 59	15°39'29	24°49	26°30	29°10	13°32	3°10	2°56	1° 7	21°12	29°31	19° 1	20°37	28°17	n.a.	W 9
T 10	8 58 56	16°39'15	6♍39	28° 5	0♑12	14°18	3°17	2°57	1° 6	21°13	29°31	18°51	20°34	28°24	n.a.	T 10
F 11	9 2 52	17°38'59	18°29	29°42	1°14	15° 5	3°25	2°57	1° 4	21°15	29°30	18°44	20°31	28°30	n.a.	F 11
S 12	9 6 49	18°38'41	0♎20	1♒20	2°16	15°52	3°32	2°57	1° 3	21°16	29°30	18°40	20°28	28°37	n.a.	S 12
S 13	9 10 45	19°38'21	12°16	2°59	3°19	16°38	3°40	2°58	1° 1	21°18	29°30	18°38	20°24	28°44	n.a.	S 13
M14	9 14 42	20°37'59	24°20	4°39	4°22	17°25	3°48	2°58	1° 0	21°19	29°30	18°D38	20°21	28°50	n.a.	M14
T 15	9 18 39	21°37'35	6♏38	6°21	5°25	18°11	3°56	2°R58	0°58	21°20	29°30	18°39	20°18	28°57	n.a.	T 15
W16	9 22 35	22°37'10	19°13	8° 3	6°28	18°58	4° 4	2°58	0°57	21°22	29°30	18°R40	20°15	29° 4	n.a.	W16
T 17	9 26 32	23°36'42	2♐11	9°47	7°32	19°45	4°13	2°58	0°56	21°23	29°D30	18°39	20°12	29°10	n.a.	T 17
F 18	9 30 28	24°36'13	15°35	11°32	8°35	20°31	4°21	2°57	0°54	21°24	29°30	18°37	20° 9	29°17	n.a.	F 18
S 19	9 34 25	25°35'42	29°28	13°19	9°40	21°18	4°30	2°57	0°53	21°26	29°30	18°33	20° 5	29°24	n.a.	S 19
S 20	9 38 21	26°35'09	13♑51	15° 7	10°44	22° 5	4°38	2°56	0°52	21°27	29°30	18°27	20° 2	29°30	n.a.	S 20
M21	9 42 18	27°34'34	28°39	16°56	11°48	22°51	4°47	2°56	0°51	21°28	29°30	18°19	19°59	29°37	n.a.	M21
T 22	9 46 14	28°33'57	13♒46	18°46	12°53	23°38	4°56	2°55	0°50	21°29	29°30	18°12	19°56	29°44	n.a.	T 22
W23	9 50 11	29°33'18	29° 3	20°37	13°58	24°24	5° 5	2°55	0°49	21°30	29°31	18° 4	19°53	29°51	n.a.	W23
T 24	9 54 8	0♓32'37	14♓19	22°30	15° 3	25°11	5°15	2°54	0°48	21°31	29°31	17°59	19°49	29°57	n.a.	T 24
F 25	9 58 4	1°31'54	29°23	24°25	16° 9	25°58	5°24	2°53	0°47	21°32	29°31	17°55	19°46	0♍ 4	n.a.	F 25
S 26	10 2 1	2°31'08	14♈ 7	26°20	17°14	26°44	5°33	2°52	0°46	21°33	29°31	17°D54	19°43	0°11	n.a.	S 26
S 27	10 5 57	3°30'20	28°26	28°17	18°20	27°31	5°43	2°51	0°45	21°34	29°31	17°54	19°40	0°17	n.a.	S 27
M28	10 9 54	4°29'29	12♉17	0♓15	19°26	28°17	5°53	2°49	0°45	21°35	29°32	17°55	19°37	0°24	n.a.	M28
T 29	10 13 50	5♓28'36	25♉42	2♓14	20♑32	29♑ 4	6♉ 2	2♏48	0♋44	21♐36	29♉32	17♎57	19♎34	0♍31	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s35	14n47	2s14	24s10	1s15	20s 1	3n26	24s23	0s51	11n40	0s48	10s21	2n23	24n 8	0n25	22s33	0n52	14n45	5s41	7s59	8s19	8n38		n.a.
W 2	18 19	17 7	3 12	24 6	1 21	20 9	3 21	24 21	0 52	11 42	0 47	10 22	2 23	24 8	0 25	22 33	0 52	14 45	5 41	7 59	8 17	8 36		n.a.
T 3	18 3	18 34	3 58	24 1	1 27	20 17	3 16	24 18	0 52	11 45	0 47	10 22	2 23	24 8	0 25	22 33	0 52	14 45	5 41	7 57	8 16	8 34		n.a.
F 4	17 46	19 4	4 33	23 54	1 32	20 25	3 11	24 15	0 53	11 47	0 47	10 22	2 23	24 8	0 25	22 33	0 53	14 45	5 41	7 54	8 15	8 33		n.a.
S 5	17 30	18 39	4 54	23 46	1 37	20 32	3 6	24 12	0 54	11 50	0 47	10 22	2 24	24 8	0 25	22 33	0 53	14 45	5 41	7 51	8 14	8 31		n.a.
S 6	17 13	17 24	5 2	23 37	1 42	20 39	3 1	24 9	0 54	11 52	0 46	10 22	2 24	24 8	0 25	22 33	0 53	14 45	5 40	7 46	8 12	8 29		n.a.
M 7	16 56	15 22	4 56	23 25	1 46	20 46	2 56	24 6	0 55	11 55	0 46	10 23	2 24	24 8	0 25	22 33	0 53	14 45	5 40	7 41	8 11	8 27		n.a.
T 8	16 38	12 43	4 37	23 13	1 50	20 52	2 51	24 2	0 55	11 58	0 46	10 23	2 24	24 8	0 25	22 34	0 53	14 45	5 40	7 37	8 10	8 25		n.a.
W 9	16 20	9 33	4 6	22 59	1 54	20 58	2 46	23 58	0 56	12 0	0 46	10 23	2 24	24 8	0 25	22 34	0 53	14 46	5 40	7 32	8 9	8 24		n.a.
T 10	16 2	6 1	3 24	22 43	1 57	21 3	2 41	23 53	0 57	12 3	0 45	10 23	2 25	24 8	0 25	22 34	0 53	14 46	5 40	7 28	8 8	8 22		n.a.
F 11	15 44	2 15	2 34	22 25	2 0	21 8	2 36	23 49	0 57	12 6	0 45	10 23	2 25	24 8	0 25	22 34	0 53	14 46	5 40	7 26	8 6	8 20		n.a.
S 12	15 25	1s36	1 36	22 6	2 3	21 12	2 31	23 44	0 58	12 9	0 45	10 23	2 25	24 8	0 25	22 34	0 53	14 46	5 39	7 24	8 5	8 18		n.a.
S 13	15 6	5 26	0 34	21 45	2 5	21 16	2 25	23 39	0 58	12 12	0 45	10 22	2 25	24 8	0 25	22 34	0 53	14 46	5 39	7 23	8 4	8 16		n.a.
M14	14 47	9 4	0n31	21 23	2 6	21 19	2 20	23 33	0 59	12 14	0 44	10 22	2 26	24 8	0 25	22 34	0 53	14 46	5 39	7 23	8 3	8 15		n.a.
T 15	14 28	12 24	1 35	20 58	2 8	21 22	2 15	23 28	0 59	12 17	0 44	10 22	2 26	24 8	0 25	22 34	0 53	14 46	5 39	7 24	8 2	8 13		n.a.
W16	14 9	15 14	2 37	20 32	2 8	21 24	2 10	23 22	1 0	12 20	0 44	10 22	2 26	24 8	0 25	22 34	0 53	14 47	5 39	7 24	8 0	8 11		n.a.
T 17	13 49	17 23	3 32	20 5	2 9	21 26	2 5	23 15	1 1	12 24	0 44	10 22	2 26	24 8	0 25	22 34	0 53	14 47	5 38	7 24	7 59	8 9		n.a.
F 18	13 29	18 40	4 18	19 35	2 9	21 27	2 0	23 9	1 1	12 27	0 44	10 21	2 26	24 8	0 25	22 34	0 53	14 47	5 38	7 23	7 58	8 7		n.a.
S 19	13 9	18 54	4 50	19 4	2 8	21 28	1 55	23 2	1 2	12 30	0 43	10 21	2 27	24 8	0 25	22 34	0 53	14 47	5 38	7 21	7 57	8 5		n.a.
S 20	12 48	17 56	5 6	18 31	2 7	21 28	1 49	22 55	1 2	12 33	0 43	10 21	2 27	24 8	0 25	22 34	0 53	14 47	5 38	7 19	7 56	8 4		n.a.
M21	12 28	15 45	5 2	17 56	2 5	21 28	1 44	22 48	1 3	12 36	0 43	10 20	2 27	24 8	0 25	22 35	0 53	14 48	5 38	7 16	7 54	8 2		n.a.
T 22	12 7	12 28	4 37	17 20	2 3	21 27	1 39	22 40	1 3	12 39	0 43	10 20	2 27	24 8	0 25	22 35	0 53	14 48	5 38	7 13	7 53	8 0		n.a.
W23	11 46	8 19	3 52	16 42	2 0	21 26	1 34	22 33	1 4	12 43	0 42	10 19	2 27	24 8	0 25	22 35	0 53	14 48	5 37	7 10	7 52	7 58		n.a.
T 24	11 25	3 37	2 51	16 1	1 57	21 24	1 29	22 25	1 4	12 46	0 42	10 19	2 28	24 8	0 25	22 35	0 53	14 48	5 37	7 8	7 51	7 56		n.a.
F 25	11 4	1n15	1 38	15 20	1 54	21 21	1 24	22 16	1 5	12 49	0 42	10 18	2 28	24 8	0 25	22 35	0 53	14 48	5 37	7 7	7 49	7 55		n.a.
S 26	10 42	5 57	0 20	14 36	1 49	21 18	1 19	22 8	1 5	12 53	0 42	10 18	2 28	24 8	0 25	22 35	0 53	14 49	5 37	7 6	7 48	7 53		n.a.
S 27	10 21	10 10	0s57	13 51	1 45	21 14	1 14	21 59	1 6	12 56	0 42	10 17	2 28	24 8	0 25	22 35	0 53	14 49	5 37	7 6	7 47	7 51		n.a.
M28	9 59	13 41	2 8	13 4	1 39	21 10	1 9	21 50	1 6	12 59	0 41	10 17	2 28	24 8	0 25	22 35	0 53	14 49	5 36	7 7	7 46	7 49		n.a.
T 29	9s37	16n20	3s10	12s15	1s33	21s 5	1n 4	21s41	1s 7	13n 3	0s41	10s16	2n28	24n 8	0n25	22s35	0n53	14n49	5s36	7s 7	7s45	7n47		n.a.

Julian Day Number = 1607130.5, Delta T = 03h55m33s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'31, Lahiri = - 8°16'30 Julian Calendar 1 Feb. 313 BCE == Greg. Calendar 27 Jan. 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

MARCH 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 17 47	6♓27'41	8♊43	4♓14	21♑38	29♑51	6♉12	2°R47	0°R43	21♐37	29♉32	17°R57	19♎30	0♍37	n.a.	W 1
T 2	10 21 43	7°26'43	21°24	6°16	22°44	0♒37	6°22	2♏45	0♋43	21°38	29°33	17♎56	19°27	0°44	n.a.	T 2
F 3	10 25 40	8°25'43	3♋48	8°18	23°51	1°24	6°32	2°43	0°42	21°39	29°33	17°53	19°24	0°51	n.a.	F 3
S 4	10 29 36	9°24'41	15°59	10°22	24°57	2°10	6°43	2°42	0°42	21°40	29°33	17°49	19°21	0°57	n.a.	S 4
S 5	10 33 33	10°23'36	28° 1	12°25	26° 4	2°57	6°53	2°40	0°41	21°41	29°34	17°43	19°18	1° 4	n.a.	S 5
M 6	10 37 30	11°22'29	9♌57	14°30	27°11	3°43	7° 3	2°38	0°41	21°41	29°34	17°36	19°15	1°11	n.a.	M 6
T 7	10 41 26	12°21'19	21°49	16°35	28°18	4°30	7°14	2°36	0°41	21°42	29°34	17°29	19°11	1°18	n.a.	T 7
W 8	10 45 23	13°20'08	3♍39	18°40	29°25	5°16	7°24	2°34	0°40	21°43	29°35	17°23	19° 8	1°24	n.a.	W 8
T 9	10 49 19	14°18'54	15°30	20°45	0♒33	6° 3	7°35	2°32	0°40	21°43	29°35	17°18	19° 5	1°31	n.a.	T 9
F 10	10 53 16	15°17'38	27°22	22°49	1°40	6°49	7°46	2°30	0°40	21°44	29°36	17°15	19° 2	1°38	n.a.	F 10
S 11	10 57 12	16°16'20	9♎19	24°53	2°48	7°36	7°57	2°27	0°40	21°45	29°36	17°13	18°59	1°44	n.a.	S 11
S 12	11 1 9	17°15'00	21°23	26°56	3°55	8°22	8° 8	2°25	0°40	21°45	29°37	17°D13	18°55	1°51	n.a.	S 12
M13	11 5 5	18°13'38	3♏35	28°58	5° 3	9° 8	8°19	2°23	0°D40	21°46	29°37	17°14	18°52	1°58	n.a.	M13
T 14	11 9 2	19°12'15	16° 0	0♈57	6°11	9°55	8°30	2°20	0°40	21°46	29°38	17°16	18°49	2° 4	n.a.	T 14
W15	11 12 58	20°10'49	28°39	2°55	7°19	10°41	8°41	2°17	0°40	21°47	29°39	17°17	18°46	2°11	n.a.	W15
T 16	11 16 55	21° 9'22	11♐38	4°50	8°27	11°27	8°52	2°15	0°40	21°47	29°39	17°18	18°43	2°18	n.a.	T 16
F 17	11 20 52	22° 7'53	24°59	6°43	9°35	12°14	9° 4	2°12	0°40	21°48	29°40	17°R19	18°40	2°24	n.a.	F 17
S 18	11 24 48	23° 6'23	8♑44	8°33	10°44	13° 0	9°15	2° 9	0°40	21°48	29°41	17°18	18°36	2°31	n.a.	S 18
S 19	11 28 45	24° 4'51	22°53	10°19	11°52	13°46	9°27	2° 6	0°41	21°48	29°41	17°16	18°33	2°38	n.a.	S 19
M20	11 32 41	25° 3'17	7♒26	12° 2	13° 1	14°33	9°39	2° 3	0°41	21°49	29°42	17°13	18°30	2°44	n.a.	M20
T 21	11 36 38	26° 1'41	22°18	13°41	14°10	15°19	9°50	2° 0	0°41	21°49	29°43	17°11	18°27	2°51	n.a.	T 21
W22	11 40 34	27° 0'04	7♓22	15°16	15°18	16° 5	10° 2	1°57	0°42	21°49	29°43	17° 8	18°24	2°58	n.a.	W22
T 23	11 44 31	27°58'24	22°30	16°47	16°27	16°51	10°14	1°54	0°42	21°49	29°44	17° 6	18°20	3° 5	n.a.	T 23
F 24	11 48 27	28°56'43	7♈31	18°14	17°36	17°37	10°26	1°50	0°43	21°49	29°45	17° 5	18°17	3°11	n.a.	F 24
S 25	11 52 24	29°55'00	22°18	19°36	18°45	18°23	10°38	1°47	0°44	21°50	29°46	17°D 5	18°14	3°18	n.a.	S 25
S 26	11 56 21	0♈53'15	6♉44	20°54	19°54	19°10	10°50	1°43	0°44	21°50	29°47	17° 5	18°11	3°25	n.a.	S 26
M27	12 0 17	1°51'28	20°44	22° 7	21° 3	19°56	11° 2	1°40	0°45	21°50	29°47	17° 7	18° 8	3°31	n.a.	M27
T 28	12 4 14	2°49'39	4♊18	23°15	22°12	20°42	11°14	1°36	0°46	21°50	29°48	17° 8	18° 5	3°38	n.a.	T 28
W29	12 8 10	3°47'47	17°26	24°18	23°22	21°28	11°26	1°33	0°47	21°R50	29°49	17° 9	18° 1	3°45	n.a.	W29
T 30	12 12 7	4°45'54	0♋11	25°16	24°31	22°14	11°39	1°29	0°47	21°50	29°50	17°R 9	17°58	3°51	n.a.	T 30
F 31	12 16 3	5♈43'59	12♋37	26♈10	25♒40	23♒ 0	11♉51	1♏25	0♋48	21♐50	29♉51	17♎ 9	17♎55	3♍58	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	9s15	18n 4	4s 1	11s25	1s27	20s59	1n 0	21s32	1s 7	13n 6	0s41	10s15	2n29	24n 8	0n25	22s35	0n53	14n50	5s36	7s 7	7s43	7n46			n.a.
T 2	8 53	18 50	4 38	10 33	1 20	20 53	0 55	21 22	1 8	13 10	0 41	10 15	2 29	24 8	0 25	22 35	0 53	14 50	5 36	7 7	7 42	7 44			n.a.
F 3	8 31	18 40	5 1	9 40	1 12	20 47	0 50	21 12	1 8	13 14	0 41	10 14	2 29	24 8	0 24	22 35	0 53	14 50	5 36	7 6	7 41	7 42			n.a.
S 4	8 8	17 38	5 10	8 46	1 4	20 40	0 45	21 2	1 9	13 17	0 40	10 13	2 29	24 8	0 24	22 35	0 53	14 50	5 36	7 4	7 40	7 40			n.a.
S 5	7 46	15 49	5 5	7 50	0 56	20 32	0 41	20 52	1 9	13 21	0 40	10 13	2 29	24 8	0 24	22 35	0 53	14 51	5 35	7 2	7 39	7 38			n.a.
M 6	7 23	13 22	4 47	6 53	0 47	20 23	0 36	20 41	1 10	13 24	0 40	10 12	2 30	24 8	0 24	22 35	0 53	14 51	5 35	6 59	7 37	7 36			n.a.
T 7	7 0	10 21	4 17	5 56	0 37	20 15	0 31	20 30	1 10	13 28	0 40	10 11	2 30	24 8	0 24	22 35	0 53	14 51	5 35	6 57	7 36	7 35			n.a.
W 8	6 38	6 57	3 36	4 57	0 27	20 5	0 27	20 19	1 11	13 32	0 40	10 10	2 30	24 8	0 24	22 35	0 53	14 51	5 35	6 54	7 35	7 33			n.a.
T 9	6 15	3 16	2 45	3 58	0 17	19 55	0 22	20 8	1 11	13 35	0 39	10 9	2 30	24 8	0 24	22 35	0 53	14 52	5 35	6 53	7 34	7 31			n.a.
F 10	5 52	0s34	1 47	2 58	0 6	19 44	0 18	19 57	1 12	13 39	0 39	10 8	2 30	24 8	0 24	22 35	0 53	14 52	5 34	6 51	7 32	7 29			n.a.
S 11	5 29	4 24	0 43	1 59	0n 5	19 33	0 13	19 45	1 12	13 43	0 39	10 7	2 30	24 8	0 24	22 35	0 53	14 52	5 34	6 51	7 31	7 27			n.a.
S 12	5 6	8 5	0n23	0 59	0 16	19 22	0 9	19 33	1 12	13 47	0 39	10 6	2 31	24 8	0 24	22 35	0 53	14 52	5 34	6 50	7 30	7 25			n.a.
M13	4 43	11 28	1 29	0n 0	0 28	19 9	0 5	19 21	1 13	13 50	0 39	10 5	2 31	24 8	0 24	22 35	0 53	14 53	5 34	6 51	7 29	7 24			n.a.
T 14	4 19	14 25	2 32	0 59	0 39	18 57	0 1	19 9	1 13	13 54	0 38	10 4	2 31	24 8	0 24	22 35	0 53	14 53	5 34	6 51	7 28	7 22			n.a.
W15	3 56	16 43	3 28	1 57	0 51	18 43	0s 3	18 57	1 14	13 58	0 38	10 3	2 31	24 8	0 24	22 35	0 53	14 53	5 34	6 52	7 26	7 20			n.a.
T 16	3 33	18 14	4 16	2 54	1 2	18 29	0 7	18 44	1 14	14 2	0 38	10 2	2 31	24 8	0 24	22 35	0 53	14 54	5 33	6 53	7 25	7 18			n.a.
F 17	3 9	18 47	4 51	3 49	1 13	18 15	0 11	18 32	1 14	14 6	0 38	10 1	2 31	24 8	0 24	22 35	0 53	14 54	5 33	6 53	7 24	7 16			n.a.
S 18	2 46	18 16	5 11	4 43	1 24	18 0	0 15	18 19	1 15	14 9	0 38	10 0	2 31	24 8	0 24	22 35	0 53	14 54	5 33	6 52	7 23	7 15			n.a.
S 19	2 23	16 37	5 13	5 35	1 35	17 45	0 19	18 5	1 15	14 13	0 38	9 59	2 32	24 8	0 24	22 35	0 53	14 55	5 33	6 52	7 21	7 13			n.a.
M20	1 59	13 52	4 56	6 25	1 45	17 29	0 23	17 52	1 15	14 17	0 37	9 58	2 32	24 8	0 24	22 35	0 53	14 55	5 33	6 51	7 20	7 11			n.a.
T 21	1 36	10 11	4 18	7 13	1 55	17 12	0 27	17 39	1 16	14 21	0 37	9 56	2 32	24 8	0 24	22 35	0 53	14 55	5 33	6 50	7 19	7 9			n.a.
W22	1 12	5 47	3 22	7 59	2 4	16 56	0 30	17 25	1 16	14 25	0 37	9 55	2 32	24 8	0 24	22 35	0 53	14 55	5 32	6 49	7 18	7 7			n.a.
T 23	0 49	1 0	2 12	8 43	2 13	16 38	0 34	17 11	1 17	14 29	0 37	9 54	2 32	24 8	0 24	22 35	0 53	14 56	5 32	6 48	7 17	7 5			n.a.
F 24	0 25	3n49	0 53	9 23	2 20	16 20	0 37	16 57	1 17	14 33	0 37	9 53	2 32	24 8	0 24	22 35	0 53	14 56	5 32	6 47	7 15	7 4			n.a.
S 25	0 2	8 20	0s29	10 2	2 28	16 2	0 41	16 43	1 17	14 37	0 37	9 51	2 32	24 8	0 24	22 35	0 53	14 56	5 32	6 47	7 14	7 2			n.a.
S 26	0n21	12 15	1 47	10 38	2 34	15 43	0 44	16 29	1 18	14 41	0 36	9 50	2 32	24 8	0 24	22 35	0 53	14 57	5 32	6 48	7 13	7 0			n.a.
M27	0 45	15 20	2 56	11 11	2 40	15 24	0 48	16 15	1 18	14 45	0 36	9 49	2 32	24 8	0 24	22 35	0 53	14 57	5 32	6 48	7 12	6 58			n.a.
T 28	1 8	17 27	3 53	11 41	2 45	15 5	0 51	16 0	1 18	14 49	0 36	9 48	2 33	24 8	0 24	22 35	0 53	14 57	5 31	6 48	7 10	6 56			n.a.
W29	1 32	18 34	4 35	12 8	2 48	14 45	0 54	15 45	1 18	14 53	0 36	9 46	2 33	24 8	0 24	22 35	0 53	14 58	5 31	6 49	7 9	6 54			n.a.
T 30	1 55	18 41	5 3	12 33	2 51	14 24	0 57	15 31	1 19	14 57	0 36	9 45	2 33	24 8	0 24	22 35	0 53	14 58	5 31	6 49	7 8	6 53			n.a.
F 31	2n18	17n53	5s16	12n54	2n53	14s 3	1s 0	15s16	1s19	15n 1	0s36	9s43	2n33	24n 8	0n24	22s35	0n53	14n58	5s31	6s49	7s 7	6n51			n.a.

Julian Day Number = 1607159.5, Delta T = 03h55m32s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'27, Lahiri = - 8°16'26 Julian Calendar 1 March 313 BCE == Greg. Calendar 25 Feb. 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

APRIL 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 20 0	6♈42'01	24♋48	26♈58	26♒50	23♒45	12♉ 3	1°R22	0♋49	21°R50	29♉52	17°R 9	17♎52	4♍ 5	n.a.	S 1
S 2	12 23 56	7°40'02	6♌47	27°42	27°59	24°31	12°16	1♏18	0°50	21♐50	29°53	17♎ 8	17°49	4°11	n.a.	S 2
M 3	12 27 53	8°38'01	18°40	28°20	29° 9	25°17	12°28	1°14	0°52	21°49	29°54	17° 6	17°46	4°18	n.a.	M 3
T 4	12 31 50	9°35'57	0♍30	28°52	0♓19	26° 3	12°41	1°10	0°53	21°49	29°55	17° 5	17°42	4°25	n.a.	T 4
W 5	12 35 46	10°33'52	12°20	29°20	1°29	26°49	12°54	1° 6	0°54	21°49	29°56	17° 4	17°39	4°31	n.a.	W 5
T 6	12 39 43	11°31'45	24°14	29°42	2°38	27°34	13° 6	1° 2	0°55	21°49	29°57	17° 4	17°36	4°38	n.a.	T 6
F 7	12 43 39	12°29'36	6♎13	29°59	3°48	28°20	13°19	0°58	0°56	21°48	29°58	17° 3	17°33	4°45	n.a.	F 7
S 8	12 47 36	13°27'26	18°19	0♉12	4°58	29° 6	13°32	0°54	0°58	21°48	29°59	17°D 3	17°30	4°51	n.a.	S 8
S 9	12 51 32	14°25'14	0♏35	0°18	6° 8	29°51	13°45	0°50	0°59	21°48	0♊ 0	17° 3	17°26	4°58	n.a.	S 9
M10	12 55 29	15°23'01	13° 2	0°R20	7°18	0♓37	13°58	0°46	1° 1	21°47	0° 1	17° 4	17°23	5° 5	n.a.	M10
T 11	12 59 25	16°20'46	25°42	0°17	8°28	1°22	14°11	0°41	1° 2	21°47	0° 2	17° 4	17°20	5°11	n.a.	T 11
W12	13 3 22	17°18'30	8♐36	0° 9	9°38	2° 8	14°24	0°37	1° 4	21°47	0° 3	17°R 4	17°17	5°18	n.a.	W12
T 13	13 7 18	18°16'13	21°45	29♈56	10°49	2°53	14°37	0°33	1° 5	21°46	0° 4	17° 4	17°14	5°25	n.a.	T 13
F 14	13 11 15	19°13'54	5♑11	29°40	11°59	3°39	14°50	0°29	1° 7	21°46	0° 6	17° 4	17°11	5°32	n.a.	F 14
S 15	13 15 12	20°11'34	18°54	29°19	13° 9	4°24	15° 3	0°24	1° 9	21°45	0° 7	17°D 3	17° 7	5°38	n.a.	S 15
S 16	13 19 8	21° 9'14	2♒55	28°55	14°20	5° 9	15°16	0°20	1°10	21°44	0° 8	17° 4	17° 4	5°45	n.a.	S 16
M17	13 23 5	22° 6'52	17°13	28°28	15°30	5°55	15°29	0°16	1°12	21°44	0° 9	17° 4	17° 1	5°52	n.a.	M17
T 18	13 27 1	23° 4'29	1♓44	27°58	16°41	6°40	15°42	0°11	1°14	21°43	0°10	17° 4	16°58	5°58	n.a.	T 18
W19	13 30 58	24° 2'05	16°26	27°27	17°51	7°25	15°56	0° 7	1°16	21°43	0°11	17° 5	16°55	6° 5	n.a.	W19
T 20	13 34 54	24°59'39	1♈12	26°53	19° 2	8°10	16° 9	0° 3	1°18	21°42	0°13	17° 5	16°52	6°12	n.a.	T 20
F 21	13 38 51	25°57'13	15°56	26°19	20°12	8°55	16°22	29♎58	1°20	21°41	0°14	17°R 6	16°48	6°18	n.a.	F 21
S 22	13 42 47	26°54'45	0♉30	25°45	21°23	9°40	16°35	29°54	1°22	21°40	0°15	17° 5	16°45	6°25	n.a.	S 22
S 23	13 46 44	27°52'17	14°50	25°11	22°34	10°25	16°49	29°49	1°24	21°40	0°16	17° 5	16°42	6°32	n.a.	S 23
M24	13 50 41	28°49'46	28°49	24°38	23°45	11°10	17° 2	29°45	1°26	21°39	0°18	17° 3	16°39	6°38	n.a.	M24
T 25	13 54 37	29°47'15	12♊25	24° 6	24°55	11°55	17°16	29°40	1°28	21°38	0°19	17° 2	16°36	6°45	n.a.	T 25
W26	13 58 34	0♉44'43	25°36	23°36	26° 6	12°40	17°29	29°36	1°30	21°37	0°20	17° 0	16°32	6°52	n.a.	W26
T 27	14 2 30	1°42'09	8♋26	23° 8	27°17	13°25	17°43	29°32	1°32	21°36	0°22	16°59	16°29	6°58	n.a.	T 27
F 28	14 6 27	2°39'33	20°55	22°44	28°28	14°10	17°56	29°27	1°35	21°35	0°23	16°58	16°26	7° 5	n.a.	F 28
S 29	14 10 23	3°36'56	3♌ 7	22°23	29°39	14°54	18°10	29°23	1°37	21°35	0°24	16°D57	16°23	7°12	n.a.	S 29
S 30	14 14 20	4♉34'18	15♌ 7	22♈ 5	0♈50	15♓39	18♉23	29♎18	1♋39	21♐34	0♊26	16♎58	16♎20	7♍18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n41	16n17	5s14	13n13	2n54	13s42	1s 3	15s 1	1s19	15n 5	0s35	9s42	2n33	24n 8	0n24	22s35	0n53	14n59	5s31	6s49	7s 6	6n49		n.a.
S 2	3 5	13 59	4 58	13 29	2 54	13 20	1 5	14 45	1 20	15 9	0 35	9 41	2 33	24 8	0 24	22 35	0 53	14 59	5 31	6 48	7 4	6 47		n.a.
M 3	3 28	11 8	4 30	13 42	2 53	12 58	1 8	14 30	1 20	15 13	0 35	9 39	2 33	24 8	0 24	22 35	0 54	15 0	5 31	6 48	7 3	6 45		n.a.
T 4	3 51	7 50	3 51	13 52	2 51	12 36	1 11	14 15	1 20	15 17	0 35	9 38	2 33	24 8	0 24	22 35	0 54	15 0	5 30	6 48	7 2	6 43		n.a.
W 5	4 14	4 14	3 1	13 58	2 47	12 13	1 13	13 59	1 20	15 21	0 35	9 36	2 33	24 8	0 24	22 35	0 54	15 0	5 30	6 47	7 1	6 42		n.a.
T 6	4 37	0 26	2 3	14 2	2 43	11 50	1 16	13 43	1 21	15 25	0 35	9 35	2 33	24 8	0 24	22 35	0 54	15 1	5 30	6 47	6 59	6 40		n.a.
F 7	5 0	3s25	1 0	14 3	2 37	11 27	1 18	13 27	1 21	15 29	0 35	9 33	2 33	24 8	0 24	22 35	0 54	15 1	5 30	6 47	6 58	6 38		n.a.
S 8	5 22	7 10	0n 7	14 1	2 30	11 3	1 20	13 12	1 21	15 33	0 34	9 32	2 33	24 8	0 24	22 35	0 54	15 1	5 30	6 47	6 57	6 36		n.a.
S 9	5 45	10 39	1 14	13 56	2 22	10 39	1 23	12 56	1 21	15 37	0 34	9 30	2 33	24 8	0 24	22 35	0 54	15 2	5 30	6 47	6 56	6 34		n.a.
M10	6 8	13 44	2 19	13 48	2 13	10 14	1 25	12 39	1 22	15 41	0 34	9 29	2 33	24 8	0 24	22 35	0 54	15 2	5 30	6 47	6 54	6 32		n.a.
T 11	6 30	16 12	3 19	13 37	2 3	9 50	1 27	12 23	1 22	15 45	0 34	9 28	2 34	24 8	0 24	22 35	0 54	15 2	5 29	6 47	6 53	6 30		n.a.
W12	6 53	17 54	4 9	13 24	1 51	9 25	1 29	12 7	1 22	15 49	0 34	9 26	2 34	24 8	0 24	22 35	0 54	15 3	5 29	6 47	6 52	6 29		n.a.
T 13	7 15	18 42	4 47	13 7	1 39	9 0	1 30	11 50	1 22	15 53	0 34	9 24	2 34	24 8	0 24	22 35	0 54	15 3	5 29	6 47	6 51	6 27		n.a.
F 14	7 37	18 27	5 11	12 49	1 25	8 34	1 32	11 34	1 22	15 57	0 34	9 23	2 34	24 8	0 24	22 35	0 54	15 3	5 29	6 47	6 50	6 25		n.a.
S 15	7 59	17 8	5 17	12 28	1 11	8 8	1 34	11 17	1 22	16 1	0 33	9 21	2 34	24 7	0 24	22 35	0 54	15 4	5 29	6 47	6 48	6 23		n.a.
S 16	8 21	14 47	5 6	12 5	0 56	7 42	1 35	11 1	1 23	16 5	0 33	9 20	2 34	24 7	0 24	22 35	0 54	15 4	5 29	6 47	6 47	6 21		n.a.
M17	8 43	11 30	4 35	11 41	0 40	7 16	1 37	10 44	1 23	16 9	0 33	9 18	2 34	24 7	0 24	22 35	0 54	15 5	5 29	6 47	6 46	6 19		n.a.
T 18	9 5	7 28	3 46	11 15	0 24	6 50	1 38	10 27	1 23	16 13	0 33	9 17	2 34	24 7	0 24	22 34	0 54	15 5	5 28	6 47	6 45	6 18		n.a.
W19	9 26	2 56	2 42	10 48	0 7	6 23	1 40	10 10	1 23	16 17	0 33	9 15	2 34	24 7	0 24	22 34	0 54	15 5	5 28	6 47	6 43	6 16		n.a.
T 20	9 47	1n49	1 27	10 20	0s10	5 56	1 41	9 53	1 23	16 21	0 33	9 14	2 34	24 7	0 24	22 34	0 54	15 6	5 28	6 47	6 42	6 14		n.a.
F 21	10 9	6 26	0 6	9 51	0 28	5 29	1 42	9 36	1 23	16 25	0 33	9 12	2 34	24 7	0 24	22 34	0 54	15 6	5 28	6 48	6 41	6 12		n.a.
S 22	10 30	10 38	1s14	9 22	0 45	5 2	1 43	9 19	1 23	16 29	0 33	9 11	2 34	24 7	0 24	22 34	0 54	15 6	5 28	6 48	6 40	6 10		n.a.
S 23	10 51	14 8	2 28	8 54	1 2	4 35	1 44	9 2	1 23	16 33	0 32	9 9	2 34	24 7	0 24	22 34	0 54	15 7	5 28	6 47	6 38	6 8		n.a.
M24	11 11	16 42	3 31	8 26	1 18	4 7	1 45	8 45	1 24	16 37	0 32	9 8	2 34	24 7	0 24	22 34	0 54	15 7	5 28	6 47	6 37	6 6		n.a.
T 25	11 32	18 15	4 21	8 0	1 35	3 39	1 46	8 28	1 24	16 41	0 32	9 6	2 34	24 7	0 24	22 34	0 54	15 8	5 28	6 46	6 36	6 5		n.a.
W26	11 52	18 45	4 55	7 34	1 50	3 12	1 47	8 10	1 24	16 45	0 32	9 5	2 33	24 7	0 24	22 34	0 54	15 8	5 27	6 45	6 35	6 3		n.a.
T 27	12 13	18 15	5 13	7 10	2 5	2 44	1 47	7 53	1 24	16 49	0 32	9 3	2 33	24 7	0 24	22 34	0 54	15 8	5 27	6 45	6 34	6 1		n.a.
F 28	12 33	16 53	5 16	6 48	2 19	2 16	1 48	7 36	1 24	16 52	0 32	9 1	2 33	24 7	0 24	22 34	0 54	15 9	5 27	6 45	6 32	5 59		n.a.
S 29	12 52	14 46	5 4	6 28	2 32	1 47	1 48	7 18	1 24	16 56	0 32	9 0	2 33	24 7	0 24	22 34	0 54	15 9	5 27	6 44	6 31	5 57		n.a.
S 30	13n12	12n 3	4s39	6n11	2s44	1s19	1s49	7s 1	1s24	17n 0	0s32	8s58	2n33	24n 7	0n24	22s34	0n54	15n 9	5s27	6s44	6s30	5n55		n.a.

Julian Day Number = 1607190.5, Delta T = 03h55m31s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'22, Lahiri = - 8°16'22 Julian Calendar 1 Apr. 313 BCE == Greg. Calendar 27 March 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

MAY 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 18 16	5♉31'39	27♌ 0	21°R51	2♈ 1	16♓23	18♉37	29°R14	1♋42	21°R33	0♊27	16♎59	16♎17	7♍25	n.a.	M 1
T 2	14 22 13	6°28'59	8♍50	21♈41	3°12	17° 8	18°50	29♎10	1°44	21♐32	0°28	17° 0	16°13	7°32	n.a.	T 2
W 3	14 26 10	7°26'17	20°41	21°36	4°23	17°52	19° 4	29° 5	1°46	21°31	0°30	17° 2	16°10	7°38	n.a.	W 3
T 4	14 30 6	8°23'34	2♎39	21°D35	5°34	18°37	19°18	29° 1	1°49	21°30	0°31	17° 3	16° 7	7°45	n.a.	T 4
F 5	14 34 3	9°20'50	14°45	21°38	6°46	19°21	19°31	28°57	1°51	21°28	0°32	17°R 3	16° 4	7°52	n.a.	F 5
S 6	14 37 59	10°18'06	27° 3	21°46	7°57	20° 5	19°45	28°52	1°54	21°27	0°34	17° 3	16° 1	7°58	n.a.	S 6
S 7	14 41 56	11°15'20	9♏34	21°58	9° 8	20°50	19°58	28°48	1°57	21°26	0°35	17° 2	15°57	8° 5	n.a.	S 7
M 8	14 45 52	12°12'34	22°20	22°15	10°19	21°34	20°12	28°44	1°59	21°25	0°36	16°59	15°54	8°12	n.a.	M 8
T 9	14 49 49	13° 9'47	5♐21	22°37	11°31	22°18	20°26	28°40	2° 2	21°24	0°38	16°56	15°51	8°18	n.a.	T 9
W10	14 53 45	14° 6'59	18°37	23° 2	12°42	23° 2	20°39	28°35	2° 5	21°23	0°39	16°51	15°48	8°25	n.a.	W10
T 11	14 57 42	15° 4'11	2♑ 5	23°32	13°54	23°46	20°53	28°31	2° 7	21°22	0°41	16°47	15°45	8°32	n.a.	T 11
F 12	15 1 39	16° 1'23	15°47	24° 7	15° 5	24°30	21° 7	28°27	2°10	21°20	0°42	16°44	15°42	8°38	n.a.	F 12
S 13	15 5 35	16°58'34	29°39	24°46	16°17	25°14	21°21	28°23	2°13	21°19	0°43	16°42	15°38	8°45	n.a.	S 13
S 14	15 9 32	17°55'45	13♒40	25°28	17°28	25°57	21°34	28°19	2°16	21°18	0°45	16°D41	15°35	8°52	n.a.	S 14
M15	15 13 28	18°52'55	27°50	26°15	18°40	26°41	21°48	28°15	2°19	21°16	0°46	16°41	15°32	8°58	n.a.	M15
T 16	15 17 25	19°50'06	12♓ 5	27° 6	19°51	27°25	22° 2	28°11	2°22	21°15	0°48	16°42	15°29	9° 5	n.a.	T 16
W17	15 21 21	20°47'16	26°25	28° 0	21° 3	28° 8	22°15	28° 7	2°25	21°14	0°49	16°43	15°26	9°12	n.a.	W17
T 18	15 25 18	21°44'26	10♈46	28°59	22°15	28°52	22°29	28° 3	2°28	21°12	0°51	16°R44	15°23	9°19	n.a.	T 18
F 19	15 29 14	22°41'35	25° 4	0♉ 1	23°26	29°35	22°43	27°59	2°31	21°11	0°52	16°44	15°19	9°25	n.a.	F 19
S 20	15 33 11	23°38'45	9♉16	1° 7	24°38	0♈19	22°57	27°56	2°34	21°10	0°54	16°42	15°16	9°32	n.a.	S 20
S 21	15 37 8	24°35'54	23°17	2°16	25°50	1° 2	23°10	27°52	2°37	21° 8	0°55	16°39	15°13	9°39	n.a.	S 21
M22	15 41 4	25°33'03	7♊ 2	3°30	27° 2	1°45	23°24	27°48	2°40	21° 7	0°56	16°34	15°10	9°45	n.a.	M22
T 23	15 45 1	26°30'12	20°30	4°46	28°14	2°28	23°38	27°45	2°43	21° 6	0°58	16°27	15° 7	9°52	n.a.	T 23
W24	15 48 57	27°27'20	3♋38	6° 6	29°26	3°11	23°52	27°41	2°46	21° 4	0°59	16°21	15° 3	9°59	n.a.	W24
T 25	15 52 54	28°24'28	16°26	7°30	0♉38	3°55	24° 5	27°37	2°49	21° 3	1° 1	16°14	15° 0	10° 5	n.a.	T 25
F 26	15 56 50	29°21'36	28°54	8°57	1°49	4°37	24°19	27°34	2°52	21° 1	1° 2	16° 9	14°57	10°12	n.a.	F 26
S 27	16 0 47	0♊18'43	11♌ 7	10°27	3° 1	5°20	24°33	27°31	2°56	21° 0	1° 4	16° 5	14°54	10°19	n.a.	S 27
S 28	16 4 43	1°15'50	23° 7	12° 1	4°14	6° 3	24°46	27°27	2°59	20°58	1° 5	16° 3	14°51	10°25	n.a.	S 28
M29	16 8 40	2°12'56	5♍ 0	13°38	5°26	6°46	25° 0	27°24	3° 2	20°57	1° 7	16°D 3	14°48	10°32	n.a.	M29
T 30	16 12 37	3°10'02	16°50	15°18	6°38	7°28	25°14	27°21	3° 6	20°55	1° 8	16° 4	14°44	10°39	n.a.	T 30
W31	16 16 33	4♊ 7'08	28♍43	17♉ 1	7♉50	8♈11	25♉27	27♎18	3♋ 9	20♐54	1♊10	16♎ 5	14♎41	10♍45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n31	8n52	4s 3	5n55	2s54	0s51	1s49	6s43	1s24	17n 4	0s31	8s57	2n33	24n 7	0n24	22s34	0n54	15n10	5s27	6s45	6s29	5n54			n.a.
T 2	13 51	5 20	3 16	5 43	3 4	0 23	1 49	6 26	1 24	17 8	0 31	8 55	2 33	24 7	0 24	22 34	0 54	15 10	5 27	6 45	6 27	5 52			n.a.
W 3	14 10	1 35	2 20	5 32	3 13	0n 6	1 49	6 8	1 24	17 12	0 31	8 54	2 33	24 7	0 24	22 33	0 54	15 11	5 27	6 46	6 26	5 50			n.a.
T 4	14 28	2s16	1 19	5 25	3 20	0 34	1 49	5 51	1 24	17 16	0 31	8 53	2 33	24 7	0 24	22 33	0 54	15 11	5 27	6 47	6 25	5 48			n.a.
F 5	14 47	6 4	0 13	5 20	3 27	1 3	1 49	5 33	1 24	17 20	0 31	8 51	2 33	24 7	0 24	22 33	0 54	15 11	5 27	6 47	6 24	5 46			n.a.
S 6	15 5	9 42	0n55	5 18	3 32	1 31	1 49	5 15	1 24	17 23	0 31	8 50	2 33	24 7	0 24	22 33	0 54	15 12	5 26	6 47	6 22	5 44			n.a.
S 7	15 23	12 57	2 1	5 19	3 36	2 0	1 49	4 58	1 24	17 27	0 31	8 48	2 33	24 7	0 24	22 33	0 54	15 12	5 26	6 46	6 21	5 42			n.a.
M 8	15 41	15 39	3 2	5 23	3 40	2 28	1 49	4 40	1 24	17 31	0 31	8 47	2 33	24 7	0 24	22 33	0 54	15 12	5 26	6 45	6 20	5 41			n.a.
T 9	15 59	17 36	3 55	5 29	3 42	2 57	1 48	4 22	1 24	17 35	0 31	8 45	2 32	24 7	0 24	22 33	0 54	15 13	5 26	6 44	6 19	5 39			n.a.
W10	16 16	18 39	4 36	5 37	3 43	3 26	1 48	4 5	1 24	17 39	0 30	8 44	2 32	24 7	0 24	22 33	0 54	15 13	5 26	6 42	6 17	5 37			n.a.
T 11	16 33	18 40	5 3	5 48	3 43	3 54	1 47	3 47	1 24	17 42	0 30	8 43	2 32	24 6	0 24	22 33	0 54	15 14	5 26	6 41	6 16	5 35			n.a.
F 12	16 50	17 36	5 13	6 2	3 42	4 22	1 47	3 29	1 24	17 46	0 30	8 41	2 32	24 6	0 24	22 33	0 54	15 14	5 26	6 39	6 15	5 33			n.a.
S 13	17 7	15 30	5 5	6 18	3 40	4 51	1 46	3 12	1 24	17 50	0 30	8 40	2 32	24 6	0 24	22 33	0 54	15 14	5 26	6 38	6 14	5 31			n.a.
S 14	17 23	12 28	4 39	6 36	3 38	5 19	1 45	2 54	1 24	17 54	0 30	8 39	2 32	24 6	0 24	22 33	0 54	15 15	5 26	6 38	6 12	5 29			n.a.
M15	17 39	8 41	3 56	6 56	3 34	5 47	1 44	2 36	1 23	17 57	0 30	8 37	2 32	24 6	0 24	22 32	0 54	15 15	5 26	6 38	6 11	5 28			n.a.
T 16	17 55	4 22	2 58	7 18	3 30	6 16	1 44	2 19	1 23	18 1	0 30	8 36	2 32	24 6	0 24	22 32	0 54	15 15	5 26	6 38	6 10	5 26			n.a.
W17	18 10	0n13	1 49	7 42	3 25	6 44	1 43	2 1	1 23	18 5	0 30	8 35	2 31	24 6	0 24	22 32	0 54	15 16	5 26	6 39	6 9	5 24			n.a.
T 18	18 25	4 49	0 33	8 9	3 19	7 12	1 42	1 44	1 23	18 8	0 30	8 33	2 31	24 6	0 24	22 32	0 54	15 16	5 25	6 39	6 8	5 22			n.a.
F 19	18 40	9 7	0s45	8 37	3 13	7 39	1 41	1 26	1 23	18 12	0 30	8 32	2 31	24 6	0 24	22 32	0 54	15 16	5 25	6 39	6 6	5 20			n.a.
S 20	18 55	12 52	2 0	9 6	3 6	8 7	1 39	1 8	1 23	18 15	0 29	8 31	2 31	24 6	0 24	22 32	0 54	15 17	5 25	6 39	6 5	5 18			n.a.
S 21	19 9	15 49	3 6	9 37	2 58	8 35	1 38	0 51	1 23	18 19	0 29	8 30	2 31	24 6	0 24	22 32	0 54	15 17	5 25	6 37	6 4	5 16			n.a.
M22	19 23	17 49	4 0	10 10	2 50	9 2	1 37	0 33	1 23	18 23	0 29	8 29	2 31	24 6	0 24	22 32	0 54	15 18	5 25	6 35	6 3	5 15			n.a.
T 23	19 37	18 45	4 39	10 44	2 41	9 29	1 36	0 16	1 22	18 26	0 29	8 27	2 31	24 6	0 24	22 32	0 54	15 18	5 25	6 33	6 1	5 13			n.a.
W24	19 50	18 39	5 2	11 20	2 32	9 56	1 34	0n 2	1 22	18 30	0 29	8 26	2 30	24 6	0 24	22 32	0 54	15 18	5 25	6 30	6 0	5 11			n.a.
T 25	20 3	17 35	5 10	11 57	2 22	10 23	1 33	0 19	1 22	18 33	0 29	8 25	2 30	24 6	0 24	22 31	0 54	15 19	5 25	6 28	5 59	5 9			n.a.
F 26	20 15	15 42	5 2	12 34	2 12	10 50	1 31	0 37	1 22	18 37	0 29	8 24	2 30	24 6	0 24	22 31	0 54	15 19	5 25	6 26	5 58	5 7			n.a.
S 27	20 28	13 9	4 41	13 13	2 1	11 16	1 30	0 54	1 22	18 40	0 29	8 23	2 30	24 5	0 24	22 31	0 54	15 19	5 25	6 24	5 56	5 5			n.a.
S 28	20 40	10 5	4 8	13 52	1 50	11 42	1 28	1 11	1 21	18 44	0 29	8 22	2 30	24 5	0 24	22 31	0 54	15 20	5 25	6 23	5 55	5 3			n.a.
M29	20 51	6 38	3 24	14 33	1 39	12 8	1 26	1 28	1 21	18 47	0 29	8 21	2 29	24 5	0 24	22 31	0 54	15 20	5 25	6 23	5 54	5 2			n.a.
T 30	21 3	2 56	2 32	15 13	1 28	12 34	1 25	1 46	1 21	18 50	0 29	8 20	2 29	24 5	0 24	22 31	0 54	15 20	5 25	6 24	5 53	5 0			n.a.
W31	21n14	0s54	1s33	15n54	1s16	12n59	1s23	2n 3	1s21	18n54	0s28	8s19	2n29	24n 5	0n24	22s31	0n54	15n21	5s25	6s24	5s51	4n58			n.a.

Julian Day Number = 1607220.5, Delta T = 03h55m30s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'18, Lahiri = - 8°16'18 Julian Calendar 1 May 313 BCE == Greg. Calendar 26 Apr. 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

JUNE 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 20 30	5♊ 4'13	10♎43	18♉47	9♉ 2	8♈53	25♉41	27°R15	3♋12	20°R52	1♊11	16°R 6	14♎38	10♍52	n.a.	T 1
F 2	16 24 26	6° 1'19	22°55	20°37	10°14	9°36	25°54	27♎12	3°16	20♐51	1°13	16♎ 6	14°35	10°59	n.a.	F 2
S 3	16 28 23	6°58'24	5♏22	22°29	11°26	10°18	26° 8	27° 9	3°19	20°49	1°14	16° 4	14°32	11° 5	n.a.	S 3
S 4	16 32 19	7°55'29	18° 7	24°24	12°39	11° 0	26°22	27° 6	3°22	20°47	1°15	16° 0	14°29	11°12	n.a.	S 4
M 5	16 36 16	8°52'35	1♐12	26°21	13°51	11°42	26°35	27° 3	3°26	20°46	1°17	15°54	14°25	11°19	n.a.	M 5
T 6	16 40 13	9°49'40	14°36	28°21	15° 3	12°25	26°49	27° 1	3°29	20°44	1°18	15°46	14°22	11°25	n.a.	T 6
W 7	16 44 9	10°46'46	28°17	0♊23	16°16	13° 6	27° 2	26°58	3°33	20°43	1°20	15°38	14°19	11°32	n.a.	W 7
T 8	16 48 6	11°43'52	12♑12	2°27	17°28	13°48	27°16	26°56	3°36	20°41	1°21	15°29	14°16	11°39	n.a.	T 8
F 9	16 52 2	12°40'59	26°16	4°32	18°40	14°30	27°29	26°53	3°40	20°39	1°23	15°21	14°13	11°45	n.a.	F 9
S 10	16 55 59	13°38'06	10♒27	6°38	19°53	15°12	27°43	26°51	3°43	20°38	1°24	15°15	14° 9	11°52	n.a.	S 10
S 11	16 59 55	14°35'14	24°39	8°46	21° 5	15°54	27°56	26°49	3°47	20°36	1°26	15°11	14° 6	11°59	n.a.	S 11
M12	17 3 52	15°32'22	8♓51	10°54	22°18	16°35	28° 9	26°46	3°50	20°35	1°27	15°10	14° 3	12° 5	n.a.	M12
T 13	17 7 48	16°29'31	23° 0	13° 3	23°31	17°17	28°23	26°44	3°54	20°33	1°28	15°D10	14° 0	12°12	n.a.	T 13
W14	17 11 45	17°26'41	7♈ 5	15°12	24°43	17°58	28°36	26°42	3°57	20°31	1°30	15°10	13°57	12°19	n.a.	W14
T 15	17 15 42	18°23'52	21° 5	17°20	25°56	18°39	28°49	26°40	4° 1	20°30	1°31	15°R10	13°54	12°25	n.a.	T 15
F 16	17 19 38	19°21'03	4♉59	19°29	27° 9	19°21	29° 3	26°38	4° 4	20°28	1°33	15° 9	13°50	12°32	n.a.	F 16
S 17	17 23 35	20°18'16	18°46	21°36	28°21	20° 2	29°16	26°37	4° 8	20°27	1°34	15° 5	13°47	12°39	n.a.	S 17
S 18	17 27 31	21°15'29	2♊22	23°43	29°34	20°43	29°29	26°35	4°12	20°25	1°36	14°58	13°44	12°45	n.a.	S 18
M19	17 31 28	22°12'42	15°47	25°49	0♊47	21°24	29°42	26°33	4°15	20°23	1°37	14°49	13°41	12°52	n.a.	M19
T 20	17 35 24	23° 9'57	28°58	27°53	2° 0	22° 4	29°55	26°32	4°19	20°22	1°38	14°38	13°38	12°59	n.a.	T 20
W21	17 39 21	24° 7'12	11♋54	29°56	3°13	22°45	0♊ 8	26°31	4°23	20°20	1°40	14°27	13°35	13° 5	n.a.	W21
T 22	17 43 17	25° 4'28	24°33	1♋58	4°26	23°26	0°21	26°29	4°26	20°18	1°41	14°15	13°31	13°12	n.a.	T 22
F 23	17 47 14	26° 1'44	6♌57	3°59	5°39	24° 6	0°34	26°28	4°30	20°17	1°42	14° 5	13°28	13°19	n.a.	F 23
S 24	17 51 11	26°59'01	19° 6	5°58	6°52	24°47	0°47	26°27	4°34	20°15	1°44	13°58	13°25	13°25	n.a.	S 24
S 25	17 55 7	27°56'19	1♍ 4	7°55	8° 5	25°27	1° 0	26°26	4°37	20°14	1°45	13°52	13°22	13°32	n.a.	S 25
M26	17 59 4	28°53'37	12°56	9°51	9°18	26° 7	1°13	26°25	4°41	20°12	1°46	13°49	13°19	13°39	n.a.	M26
T 27	18 3 0	29°50'55	24°44	11°45	10°31	26°47	1°26	26°24	4°45	20°10	1°48	13°48	13°15	13°45	n.a.	T 27
W28	18 6 57	0♋48'15	6♎36	13°37	11°44	27°27	1°39	26°23	4°48	20° 9	1°49	13°D48	13°12	13°52	n.a.	W28
T 29	18 10 53	1°45'35	18°36	15°28	12°57	28° 7	1°51	26°23	4°52	20° 7	1°50	13°R48	13° 9	13°59	n.a.	T 29
F 30	18 14 50	2♋42'55	0♏50	17♋17	14♊10	28♈47	2♊ 4	26♎22	4♋56	20♐ 6	1♊52	13♎47	13♎ 6	14♍ 5	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n24	4s44	0s29	16n35	1s 4	13n24	1s21	2n20	1s21	18n57	0s28	8s18	2n29	24n 5	0n24	22s31	0n54	15n21	5s25	6s25	5s50	4n56		n.a.
F 2	21 34	8 27	0n37	17 17	0 53	13 49	1 19	2 37	1 20	19 1	0 28	8 17	2 29	24 5	0 24	22 31	0 54	15 21	5 25	6 24	5 49	4 54		n.a.
S 3	21 44	11 52	1 42	17 57	0 41	14 13	1 17	2 54	1 20	19 4	0 28	8 17	2 28	24 5	0 24	22 31	0 54	15 22	5 25	6 24	5 48	4 52		n.a.
S 4	21 54	14 49	2 44	18 38	0 29	14 38	1 15	3 11	1 20	19 7	0 28	8 16	2 28	24 5	0 24	22 30	0 54	15 22	5 25	6 22	5 46	4 50		n.a.
M 5	22 3	17 6	3 38	19 18	0 17	15 1	1 13	3 28	1 20	19 10	0 28	8 15	2 28	24 5	0 24	22 30	0 54	15 22	5 25	6 20	5 45	4 49		n.a.
T 6	22 12	18 30	4 22	19 56	0 6	15 25	1 11	3 45	1 19	19 14	0 28	8 14	2 28	24 5	0 24	22 30	0 54	15 23	5 24	6 17	5 44	4 47		n.a.
W 7	22 20	18 51	4 52	20 34	0n 6	15 48	1 9	4 2	1 19	19 17	0 28	8 13	2 28	24 5	0 24	22 30	0 54	15 23	5 24	6 13	5 43	4 45		n.a.
T 8	22 28	18 6	5 5	21 10	0 17	16 11	1 7	4 18	1 19	19 20	0 28	8 13	2 27	24 4	0 24	22 30	0 54	15 23	5 24	6 10	5 41	4 43		n.a.
F 9	22 36	16 15	5 0	21 45	0 27	16 33	1 5	4 35	1 18	19 23	0 28	8 12	2 27	24 4	0 24	22 30	0 54	15 24	5 24	6 7	5 40	4 41		n.a.
S 10	22 43	13 24	4 37	22 18	0 37	16 55	1 3	4 52	1 18	19 26	0 28	8 11	2 27	24 4	0 24	22 30	0 54	15 24	5 24	6 5	5 39	4 39		n.a.
S 11	22 50	9 45	3 56	22 48	0 47	17 17	1 0	5 8	1 18	19 30	0 28	8 11	2 27	24 4	0 24	22 30	0 54	15 24	5 24	6 3	5 38	4 37		n.a.
M12	22 56	5 33	3 1	23 16	0 56	17 38	0 58	5 25	1 17	19 33	0 27	8 10	2 27	24 4	0 24	22 30	0 54	15 25	5 24	6 3	5 36	4 35		n.a.
T 13	23 2	1 3	1 56	23 42	1 4	17 59	0 56	5 41	1 17	19 36	0 27	8 10	2 26	24 4	0 24	22 29	0 54	15 25	5 24	6 3	5 35	4 34		n.a.
W14	23 8	3n30	0 43	24 5	1 12	18 19	0 53	5 57	1 17	19 39	0 27	8 9	2 26	24 4	0 24	22 29	0 54	15 25	5 24	6 3	5 34	4 32		n.a.
T 15	23 13	7 50	0s32	24 26	1 19	18 39	0 51	6 13	1 16	19 42	0 27	8 9	2 26	24 4	0 24	22 29	0 54	15 25	5 24	6 3	5 33	4 30		n.a.
F 16	23 18	11 43	1 44	24 44	1 25	18 58	0 49	6 29	1 16	19 45	0 27	8 8	2 26	24 4	0 24	22 29	0 54	15 26	5 24	6 2	5 31	4 28		n.a.
S 17	23 22	14 55	2 49	24 59	1 31	19 17	0 46	6 46	1 16	19 48	0 27	8 8	2 25	24 4	0 24	22 29	0 54	15 26	5 24	6 1	5 30	4 26		n.a.
S 18	23 26	17 14	3 44	25 11	1 36	19 35	0 44	7 1	1 15	19 51	0 27	8 7	2 25	24 3	0 24	22 29	0 54	15 26	5 24	5 58	5 29	4 24		n.a.
M19	23 30	18 34	4 25	25 20	1 40	19 53	0 41	7 17	1 15	19 54	0 27	8 7	2 25	24 3	0 24	22 29	0 54	15 27	5 24	5 55	5 28	4 22		n.a.
T 20	23 33	18 52	4 51	25 26	1 44	20 11	0 39	7 33	1 14	19 57	0 27	8 7	2 25	24 3	0 24	22 29	0 54	15 27	5 24	5 50	5 26	4 21		n.a.
W21	23 36	18 11	5 2	25 30	1 46	20 28	0 36	7 49	1 14	19 59	0 27	8 6	2 24	24 3	0 24	22 29	0 54	15 27	5 24	5 46	5 25	4 19		n.a.
T 22	23 38	16 36	4 57	25 31	1 49	20 44	0 34	8 4	1 13	20 2	0 27	8 6	2 24	24 3	0 24	22 29	0 54	15 27	5 24	5 41	5 24	4 17		n.a.
F 23	23 40	14 16	4 39	25 30	1 50	21 0	0 31	8 20	1 13	20 5	0 27	8 6	2 24	24 3	0 24	22 28	0 54	15 28	5 24	5 37	5 23	4 15		n.a.
S 24	23 42	11 21	4 8	25 26	1 51	21 15	0 29	8 35	1 13	20 8	0 27	8 6	2 24	24 3	0 24	22 28	0 54	15 28	5 24	5 34	5 21	4 13		n.a.
S 25	23 43	8 1	3 26	25 20	1 51	21 29	0 26	8 50	1 12	20 11	0 27	8 6	2 23	24 3	0 24	22 28	0 54	15 28	5 24	5 32	5 20	4 11		n.a.
M26	23 44	4 23	2 36	25 12	1 50	21 43	0 24	9 6	1 12	20 13	0 26	8 6	2 23	24 2	0 24	22 28	0 54	15 28	5 24	5 31	5 19	4 9		n.a.
T 27	23 44	0 36	1 39	25 1	1 49	21 57	0 21	9 21	1 11	20 16	0 26	8 6	2 23	24 2	0 24	22 28	0 54	15 29	5 24	5 31	5 18	4 7		n.a.
W28	23 44	3s14	0 38	24 48	1 47	22 10	0 19	9 36	1 11	20 19	0 26	8 6	2 23	24 2	0 24	22 28	0 54	15 29	5 24	5 31	5 16	4 6		n.a.
T 29	23 43	6 59	0n25	24 34	1 45	22 22	0 16	9 51	1 10	20 21	0 26	8 6	2 22	24 2	0 24	22 28	0 54	15 29	5 24	5 31	5 15	4 4		n.a.
F 30	23n42	10s31	1n29	24n17	1n42	22n33	0s13	10n 5	1s10	20n24	0s26	8s 6	2n22	24n 2	0n24	22s28	0n54	15n29	5s24	5s30	5s14	4n 2		n.a.

Julian Day Number = 1607251.5, Delta T = 03h55m29s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'14, Lahiri = - 8°16'14 Julian Calendar 1 June 313 BCE == Greg. Calendar 27 May 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

JULY 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 18 46	3♋40'17	13♏22	19♋ 4	15♊24	29♈27	2♊17	26°R22	4♋59	20°R 4	1♊53	13°R44	13♎ 3	14♍12	n.a.	S 1
S 2	18 22 43	4°37'39	26°16	20°50	16°37	0♉ 6	2°29	26♎21	5° 3	20♐ 3	1°54	13♎39	13° 0	14°19	n.a.	S 2
M 3	18 26 40	5°35'03	9♐34	22°35	17°50	0°46	2°42	26°21	5° 7	20° 1	1°55	13°31	12°56	14°25	n.a.	M 3
T 4	18 30 36	6°32'27	23°16	24°17	19° 3	1°25	2°54	26°21	5°10	19°59	1°57	13°21	12°53	14°32	n.a.	T 4
W 5	18 34 33	7°29'52	7♑20	25°58	20°17	2° 4	3° 7	26°D21	5°14	19°58	1°58	13°10	12°50	14°39	n.a.	W 5
T 6	18 38 29	8°27'19	21°40	27°37	21°30	2°44	3°19	26°21	5°18	19°56	1°59	12°58	12°47	14°45	n.a.	T 6
F 7	18 42 26	9°24'46	6♒11	29°15	22°44	3°23	3°31	26°21	5°21	19°55	2° 0	12°48	12°44	14°52	n.a.	F 7
S 8	18 46 22	10°22'15	20°46	0♌51	23°57	4° 2	3°43	26°21	5°25	19°53	2° 2	12°40	12°40	14°59	n.a.	S 8
S 9	18 50 19	11°19'46	5♓18	2°26	25°11	4°40	3°56	26°21	5°29	19°52	2° 3	12°34	12°37	15° 5	n.a.	S 9
M10	18 54 16	12°17'18	19°42	3°59	26°24	5°19	4° 8	26°22	5°32	19°50	2° 4	12°31	12°34	15°12	n.a.	M10
T 11	18 58 12	13°14'51	3♈56	5°30	27°38	5°58	4°20	26°22	5°36	19°49	2° 5	12°30	12°31	15°19	n.a.	T 11
W12	19 2 9	14°12'26	17°58	7° 0	28°52	6°36	4°32	26°23	5°40	19°47	2° 6	12°30	12°28	15°25	n.a.	W12
T 13	19 6 5	15°10'03	1♉47	8°28	0♋ 5	7°14	4°44	26°24	5°43	19°46	2° 7	12°30	12°25	15°32	n.a.	T 13
F 14	19 10 2	16° 7'41	15°24	9°55	1°19	7°53	4°56	26°24	5°47	19°45	2° 8	12°28	12°21	15°39	n.a.	F 14
S 15	19 13 58	17° 5'22	28°50	11°20	2°33	8°31	5° 7	26°25	5°51	19°43	2°10	12°23	12°18	15°45	n.a.	S 15
S 16	19 17 55	18° 3'03	12♊ 4	12°43	3°46	9° 9	5°19	26°26	5°54	19°42	2°11	12°15	12°15	15°52	n.a.	S 16
M17	19 21 51	19° 0'47	25° 7	14° 5	5° 0	9°47	5°31	26°27	5°58	19°40	2°12	12° 5	12°12	15°59	n.a.	M17
T 18	19 25 48	19°58'32	7♋58	15°24	6°14	10°24	5°42	26°28	6° 2	19°39	2°13	11°53	12° 9	16° 5	n.a.	T 18
W19	19 29 45	20°56'18	20°36	16°42	7°28	11° 2	5°54	26°30	6° 5	19°38	2°14	11°40	12° 6	16°12	n.a.	W19
T 20	19 33 41	21°54'07	3♌ 2	17°58	8°42	11°39	6° 5	26°31	6° 9	19°36	2°15	11°27	12° 2	16°19	n.a.	T 20
F 21	19 37 38	22°51'56	15°16	19°13	9°56	12°17	6°16	26°32	6°12	19°35	2°16	11°16	11°59	16°25	n.a.	F 21
S 22	19 41 34	23°49'47	27°19	20°25	11°10	12°54	6°28	26°34	6°16	19°34	2°17	11° 6	11°56	16°32	n.a.	S 22
S 23	19 45 31	24°47'39	9♍13	21°35	12°24	13°31	6°39	26°36	6°20	19°33	2°18	11° 0	11°53	16°38	n.a.	S 23
M24	19 49 27	25°45'33	21° 2	22°43	13°38	14° 8	6°50	26°37	6°23	19°31	2°19	10°56	11°50	16°45	n.a.	M24
T 25	19 53 24	26°43'29	2♎49	23°49	14°52	14°44	7° 1	26°39	6°27	19°30	2°20	10°54	11°46	16°52	n.a.	T 25
W26	19 57 20	27°41'25	14°39	24°52	16° 6	15°21	7°12	26°41	6°30	19°29	2°21	10°D54	11°43	16°58	n.a.	W26
T 27	20 1 17	28°39'23	26°37	25°53	17°20	15°57	7°23	26°43	6°34	19°28	2°22	10°R54	11°40	17° 5	n.a.	T 27
F 28	20 5 13	29°37'23	8♏50	26°52	18°35	16°34	7°33	26°45	6°37	19°27	2°22	10°54	11°37	17°12	n.a.	F 28
S 29	20 9 10	0♌35'24	21°21	27°47	19°49	17°10	7°44	26°47	6°41	19°26	2°23	10°52	11°34	17°18	n.a.	S 29
S 30	20 13 7	1°33'27	4♐16	28°40	21° 3	17°46	7°54	26°50	6°44	19°24	2°24	10°48	11°31	17°25	n.a.	S 30
M31	20 17 3	2♌31'31	17♐38	29♌30	22♋17	18♉21	8♊ 5	26♎52	6♋47	19♐23	2♊25	10♎41	11♎27	17♍32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n41	13s40	2n30	23n59	1n39	22n44	0s11	10n20	1s 9	20n27	0s26	8s 6	2n22	24n 2	0n24	22s28	0n54	15n30	5s24	5s29	5s13	4n 0		n.a.
S 2	23 39	16 14	3 25	23 40	1 35	22 55	0 8	10 35	1 9	20 29	0 26	8 6	2 21	24 2	0 24	22 28	0 54	15 30	5 24	5 27	5 11	3 58		n.a.
M 3	23 37	18 2	4 10	23 19	1 31	23 4	0 6	10 49	1 8	20 32	0 26	8 6	2 21	24 2	0 24	22 27	0 54	15 30	5 24	5 24	5 10	3 56		n.a.
T 4	23 34	18 51	4 43	22 56	1 26	23 13	0 3	11 3	1 8	20 34	0 26	8 6	2 21	24 1	0 24	22 27	0 54	15 30	5 24	5 20	5 9	3 54		n.a.
W 5	23 31	18 33	4 59	22 33	1 21	23 21	0 1	11 17	1 7	20 37	0 26	8 6	2 21	24 1	0 24	22 27	0 54	15 31	5 24	5 15	5 8	3 52		n.a.
T 6	23 27	17 4	4 57	22 8	1 16	23 29	0n 2	11 32	1 7	20 39	0 26	8 7	2 20	24 1	0 24	22 27	0 54	15 31	5 24	5 11	5 6	3 51		n.a.
F 7	23 24	14 29	4 36	21 42	1 10	23 36	0 4	11 46	1 6	20 42	0 26	8 7	2 20	24 1	0 24	22 27	0 54	15 31	5 24	5 7	5 5	3 49		n.a.
S 8	23 19	11 0	3 57	21 15	1 4	23 42	0 7	11 59	1 5	20 44	0 26	8 7	2 20	24 1	0 24	22 27	0 54	15 31	5 24	5 4	5 4	3 47		n.a.
S 9	23 14	6 51	3 3	20 47	0 57	23 48	0 9	12 13	1 5	20 46	0 26	8 8	2 20	24 1	0 24	22 27	0 54	15 31	5 24	5 1	5 3	3 45		n.a.
M10	23 9	2 20	1 58	20 19	0 50	23 53	0 12	12 27	1 4	20 49	0 26	8 8	2 19	24 1	0 24	22 27	0 54	15 32	5 24	5 0	5 1	3 43		n.a.
T 11	23 4	2n16	0 45	19 49	0 43	23 57	0 14	12 40	1 4	20 51	0 25	8 8	2 19	24 0	0 24	22 27	0 54	15 32	5 24	5 0	5 0	3 41		n.a.
W12	22 58	6 41	0s29	19 19	0 36	24 0	0 17	12 54	1 3	20 53	0 25	8 9	2 19	24 0	0 24	22 27	0 53	15 32	5 24	5 0	4 59	3 39		n.a.
T 13	22 51	10 40	1 40	18 49	0 28	24 3	0 19	13 7	1 2	20 56	0 25	8 9	2 19	24 0	0 24	22 27	0 53	15 32	5 25	5 0	4 58	3 38		n.a.
F 14	22 45	14 2	2 45	18 18	0 20	24 5	0 21	13 20	1 2	20 58	0 25	8 10	2 18	24 0	0 24	22 26	0 53	15 32	5 25	4 59	4 56	3 36		n.a.
S 15	22 37	16 35	3 39	17 47	0 12	24 6	0 24	13 33	1 1	21 0	0 25	8 10	2 18	24 0	0 24	22 26	0 53	15 33	5 25	4 57	4 55	3 34		n.a.
S 16	22 30	18 13	4 20	17 15	0 3	24 7	0 26	13 46	1 1	21 2	0 25	8 11	2 18	24 0	0 24	22 26	0 53	15 33	5 25	4 54	4 54	3 32		n.a.
M17	22 22	18 51	4 48	16 43	0s 6	24 7	0 29	13 58	1 0	21 4	0 25	8 12	2 18	23 59	0 24	22 26	0 53	15 33	5 25	4 50	4 53	3 30		n.a.
T 18	22 13	18 30	5 0	16 11	0 15	24 6	0 31	14 11	0 59	21 6	0 25	8 12	2 17	23 59	0 24	22 26	0 53	15 33	5 25	4 45	4 51	3 28		n.a.
W19	22 5	17 14	4 57	15 39	0 24	24 4	0 33	14 24	0 59	21 8	0 25	8 13	2 17	23 59	0 24	22 26	0 53	15 33	5 25	4 40	4 50	3 26		n.a.
T 20	21 55	15 11	4 40	15 7	0 33	24 2	0 35	14 36	0 58	21 11	0 25	8 14	2 17	23 59	0 24	22 26	0 53	15 33	5 25	4 35	4 49	3 24		n.a.
F 21	21 46	12 28	4 10	14 34	0 42	23 59	0 37	14 48	0 57	21 13	0 25	8 15	2 16	23 59	0 24	22 26	0 53	15 34	5 25	4 30	4 48	3 23		n.a.
S 22	21 36	9 17	3 29	14 2	0 52	23 55	0 40	15 0	0 56	21 15	0 25	8 15	2 16	23 59	0 24	22 26	0 53	15 34	5 25	4 27	4 46	3 21		n.a.
S 23	21 26	5 45	2 40	13 31	1 2	23 50	0 42	15 12	0 56	21 17	0 25	8 16	2 16	23 59	0 24	22 26	0 53	15 34	5 25	4 24	4 45	3 19		n.a.
M24	21 15	2 1	1 44	12 59	1 11	23 45	0 44	15 24	0 55	21 18	0 25	8 17	2 16	23 58	0 24	22 26	0 53	15 34	5 25	4 23	4 44	3 17		n.a.
T 25	21 4	1s47	0 43	12 28	1 21	23 39	0 46	15 35	0 54	21 20	0 25	8 18	2 15	23 58	0 24	22 26	0 53	15 34	5 25	4 22	4 43	3 15		n.a.
W26	20 53	5 32	0n20	11 57	1 31	23 32	0 48	15 47	0 54	21 22	0 25	8 19	2 15	23 58	0 24	22 26	0 53	15 34	5 25	4 22	4 41	3 13		n.a.
T 27	20 41	9 6	1 23	11 27	1 41	23 25	0 50	15 58	0 53	21 24	0 25	8 20	2 15	23 58	0 24	22 25	0 53	15 34	5 25	4 22	4 40	3 11		n.a.
F 28	20 29	12 22	2 23	10 58	1 51	23 17	0 52	16 10	0 52	21 26	0 24	8 21	2 15	23 58	0 24	22 25	0 53	15 35	5 25	4 22	4 39	3 9		n.a.
S 29	20 16	15 8	3 18	10 29	2 1	23 8	0 54	16 21	0 51	21 28	0 24	8 22	2 14	23 58	0 24	22 25	0 53	15 35	5 25	4 21	4 38	3 8		n.a.
S 30	20 3	17 15	4 5	10 2	2 11	22 58	0 56	16 32	0 50	21 30	0 24	8 23	2 14	23 57	0 24	22 25	0 53	15 35	5 25	4 19	4 36	3 6		n.a.
M31	19n50	18s30	4n40	9n35	2s21	22n48	0n57	16n42	0s50	21n31	0s24	8s24	2n14	23n57	0n24	22s25	0n53	15n35	5s25	4s17	4s35	3n 4		n.a.

Julian Day Number = 1607281.5, Delta T = 03h55m27s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'10, Lahiri = - 8°16'10 Julian Calendar 1 July 313 BCE == Greg. Calendar 26 June 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

AUGUST 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 21 0	3♌29'36	1♉28	0♍16	23♋32	18♉57	8♊15	26♎54	6♋51	19°R22	2♊26	10°R33	11♎24	17♍38	n.a.	T 1
W 2	20 24 56	4°27'44	15°44	0°59	24°46	19°33	8°25	26°57	6°54	19♐21	2°27	10♎23	11°21	17°45	n.a.	W 2
T 3	20 28 53	5°25'53	0♒22	1°38	26° 0	20° 8	8°36	27° 0	6°58	19°20	2°27	10°13	11°18	17°52	n.a.	T 3
F 4	20 32 49	6°24'04	15°14	2°13	27°15	20°43	8°46	27° 2	7° 1	19°19	2°28	10° 4	11°15	17°58	n.a.	F 4
S 5	20 36 46	7°22'17	0♓12	2°44	28°29	21°18	8°56	27° 5	7° 4	19°18	2°29	9°57	11°12	18° 5	n.a.	S 5
S 6	20 40 42	8°20'31	15° 7	3°10	29°44	21°53	9° 5	27° 8	7° 8	19°17	2°30	9°52	11° 8	18°12	n.a.	S 6
M 7	20 44 39	9°18'48	29°51	3°32	0♌58	22°28	9°15	27°11	7°11	19°16	2°30	9°50	11° 5	18°18	n.a.	M 7
T 8	20 48 36	10°17'07	14♈19	3°48	2°13	23° 2	9°25	27°14	7°14	19°16	2°31	9°D50	11° 2	18°25	n.a.	T 8
W 9	20 52 32	11°15'28	28°29	3°59	3°27	23°37	9°34	27°17	7°17	19°15	2°32	9°50	10°59	18°32	n.a.	W 9
T 10	20 56 29	12°13'52	12♉18	4°R 4	4°42	24°11	9°44	27°21	7°20	19°14	2°32	9°R51	10°56	18°38	n.a.	T 10
F 11	21 0 25	13°12'18	25°49	4° 3	5°56	24°45	9°53	27°24	7°24	19°13	2°33	9°50	10°52	18°45	n.a.	F 11
S 12	21 4 22	14°10'46	9♊ 3	3°55	7°11	25°19	10° 2	27°27	7°27	19°12	2°33	9°47	10°49	18°52	n.a.	S 12
S 13	21 8 18	15° 9'16	22° 2	3°41	8°26	25°52	10°11	27°31	7°30	19°12	2°34	9°42	10°46	18°58	n.a.	S 13
M14	21 12 15	16° 7'49	4♋47	3°20	9°40	26°26	10°20	27°34	7°33	19°11	2°35	9°35	10°43	19° 5	n.a.	M14
T 15	21 16 11	17° 6'23	17°20	2°53	10°55	26°59	10°29	27°38	7°36	19°10	2°35	9°26	10°40	19°12	n.a.	T 15
W16	21 20 8	18° 5'00	29°42	2°18	12°10	27°32	10°38	27°42	7°39	19°10	2°36	9°16	10°37	19°18	n.a.	W16
T 17	21 24 5	19° 3'39	11♌54	1°37	13°25	28° 5	10°46	27°46	7°42	19° 9	2°36	9° 7	10°33	19°25	n.a.	T 17
F 18	21 28 1	20° 2'20	23°57	0°50	14°39	28°37	10°55	27°49	7°45	19° 8	2°37	8°58	10°30	19°32	n.a.	F 18
S 19	21 31 58	21° 1'03	5♍52	29♌57	15°54	29°10	11° 3	27°53	7°48	19° 8	2°37	8°52	10°27	19°38	n.a.	S 19
S 20	21 35 54	21°59'49	17°42	28°59	17° 9	29°42	11°11	27°57	7°51	19° 7	2°37	8°47	10°24	19°45	n.a.	S 20
M21	21 39 51	22°58'36	29°29	27°57	18°24	0♊14	11°19	28° 2	7°54	19° 7	2°38	8°45	10°21	19°52	n.a.	M21
T 22	21 43 47	23°57'25	11♎15	26°53	19°39	0°46	11°27	28° 6	7°57	19° 6	2°38	8°D44	10°18	19°58	n.a.	T 22
W23	21 47 44	24°56'15	23° 5	25°47	20°54	1°17	11°35	28°10	7°59	19° 6	2°39	8°45	10°14	20° 5	n.a.	W23
T 24	21 51 40	25°55'08	5♏ 3	24°42	22° 9	1°48	11°43	28°14	8° 2	19° 5	2°39	8°46	10°11	20°11	n.a.	T 24
F 25	21 55 37	26°54'03	17°13	23°39	23°23	2°19	11°50	28°19	8° 5	19° 5	2°39	8°48	10° 8	20°18	n.a.	F 25
S 26	21 59 33	27°52'59	29°42	22°39	24°38	2°50	11°57	28°23	8° 8	19° 5	2°39	8°R48	10° 5	20°25	n.a.	S 26
S 27	22 3 30	28°51'58	12♐33	21°45	25°53	3°21	12° 5	28°28	8°10	19° 4	2°40	8°47	10° 2	20°31	n.a.	S 27
M28	22 7 27	29°50'58	25°50	20°58	27° 8	3°51	12°12	28°32	8°13	19° 4	2°40	8°45	9°58	20°38	n.a.	M28
T 29	22 11 23	0♍50'00	9♑36	20°18	28°23	4°21	12°19	28°37	8°16	19° 4	2°40	8°40	9°55	20°45	n.a.	T 29
W30	22 15 20	1°49'05	23°50	19°48	29°38	4°51	12°25	28°42	8°18	19° 4	2°40	8°35	9°52	20°51	n.a.	W30
T 31	22 19 16	2♍48'11	8♒31	19♌27	0♍53	5♊21	12♊32	28♎47	8♋21	19♐ 4	2♊41	8♎30	9♎49	20♍58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n37	18s44	5n 0	9n 9	2s31	22n37	0n59	16n53	0s49	21n33	0s24	8s25	2n14	23n57	0n24	22s25	0n53	15n35	5s25	4s14	4s34	3n 2		n.a.
W 2	19 23	17 47	5 2	8 45	2 41	22 26	1 1	17 4	0 48	21 35	0 24	8 26	2 13	23 57	0 24	22 25	0 53	15 35	5 25	4 10	4 33	3 0		n.a.
T 3	19 9	15 41	4 45	8 22	2 51	22 13	1 2	17 14	0 47	21 36	0 24	8 28	2 13	23 57	0 24	22 25	0 53	15 35	5 26	4 6	4 31	2 58		n.a.
F 4	18 54	12 30	4 9	8 1	3 0	22 1	1 4	17 24	0 46	21 38	0 24	8 29	2 13	23 57	0 24	22 25	0 53	15 35	5 26	4 2	4 30	2 56		n.a.
S 5	18 39	8 30	3 15	7 41	3 9	21 47	1 5	17 34	0 46	21 40	0 24	8 30	2 13	23 56	0 24	22 25	0 53	15 35	5 26	3 59	4 29	2 54		n.a.
S 6	18 24	3 58	2 8	7 24	3 18	21 33	1 7	17 44	0 45	21 41	0 24	8 31	2 12	23 56	0 24	22 25	0 53	15 35	5 26	3 57	4 28	2 53		n.a.
M 7	18 8	0n45	0 53	7 8	3 26	21 18	1 8	17 54	0 44	21 43	0 24	8 33	2 12	23 56	0 24	22 25	0 53	15 35	5 26	3 56	4 26	2 51		n.a.
T 8	17 53	5 21	0s24	6 55	3 34	21 2	1 10	18 4	0 43	21 44	0 24	8 34	2 12	23 56	0 24	22 25	0 53	15 36	5 26	3 56	4 25	2 49		n.a.
W 9	17 37	9 32	1 38	6 44	3 41	20 46	1 11	18 13	0 42	21 46	0 24	8 35	2 12	23 56	0 24	22 25	0 53	15 36	5 26	3 57	4 24	2 47		n.a.
T 10	17 20	13 6	2 45	6 36	3 48	20 29	1 12	18 23	0 41	21 47	0 24	8 37	2 11	23 56	0 24	22 25	0 53	15 36	5 26	3 57	4 23	2 45		n.a.
F 11	17 3	15 52	3 41	6 31	3 54	20 12	1 14	18 32	0 40	21 49	0 24	8 38	2 11	23 56	0 24	22 25	0 53	15 36	5 26	3 56	4 21	2 43		n.a.
S 12	16 46	17 44	4 24	6 29	3 59	19 54	1 15	18 41	0 39	21 50	0 24	8 40	2 11	23 55	0 24	22 25	0 53	15 36	5 26	3 55	4 20	2 41		n.a.
S 13	16 29	18 38	4 52	6 31	4 3	19 36	1 16	18 50	0 38	21 51	0 24	8 41	2 11	23 55	0 24	22 25	0 53	15 36	5 26	3 53	4 19	2 39		n.a.
M14	16 12	18 34	5 5	6 36	4 5	19 17	1 17	18 59	0 37	21 53	0 24	8 43	2 10	23 55	0 24	22 25	0 52	15 36	5 26	3 50	4 17	2 38		n.a.
T 15	15 54	17 35	5 3	6 44	4 7	18 57	1 18	19 8	0 36	21 54	0 24	8 44	2 10	23 55	0 24	22 25	0 52	15 36	5 26	3 47	4 16	2 36		n.a.
W16	15 36	15 47	4 47	6 57	4 6	18 37	1 19	19 16	0 35	21 55	0 23	8 46	2 10	23 55	0 24	22 25	0 52	15 36	5 26	3 43	4 15	2 34		n.a.
T 17	15 17	13 18	4 18	7 13	4 5	18 16	1 19	19 25	0 35	21 57	0 23	8 47	2 10	23 55	0 24	22 25	0 52	15 36	5 26	3 39	4 14	2 32		n.a.
F 18	14 59	10 17	3 38	7 34	4 1	17 55	1 20	19 33	0 34	21 58	0 23	8 49	2 10	23 54	0 24	22 25	0 52	15 36	5 26	3 36	4 12	2 30		n.a.
S 19	14 40	6 52	2 48	7 57	3 55	17 33	1 21	19 41	0 32	21 59	0 23	8 50	2 9	23 54	0 24	22 25	0 52	15 36	5 27	3 33	4 11	2 28		n.a.
S 20	14 21	3 13	1 51	8 25	3 48	17 11	1 22	19 49	0 31	22 0	0 23	8 52	2 9	23 54	0 24	22 25	0 52	15 36	5 27	3 31	4 10	2 26		n.a.
M21	14 1	0s33	0 50	8 55	3 38	16 48	1 22	19 57	0 30	22 2	0 23	8 54	2 9	23 54	0 25	22 25	0 52	15 36	5 27	3 30	4 9	2 24		n.a.
T 22	13 42	4 18	0n14	9 28	3 27	16 25	1 23	20 5	0 29	22 3	0 23	8 56	2 9	23 54	0 25	22 25	0 52	15 36	5 27	3 30	4 7	2 23		n.a.
W23	13 22	7 53	1 17	10 3	3 13	16 1	1 23	20 12	0 28	22 4	0 23	8 57	2 8	23 54	0 25	22 25	0 52	15 36	5 27	3 31	4 6	2 21		n.a.
T 24	13 2	11 12	2 18	10 39	2 58	15 37	1 24	20 20	0 27	22 5	0 23	8 59	2 8	23 54	0 25	22 25	0 52	15 36	5 27	3 31	4 5	2 19		n.a.
F 25	12 42	14 5	3 14	11 16	2 41	15 12	1 24	20 27	0 26	22 6	0 23	9 1	2 8	23 53	0 25	22 25	0 52	15 36	5 27	3 32	4 4	2 17		n.a.
S 26	12 21	16 23	4 2	11 52	2 23	14 47	1 24	20 34	0 25	22 7	0 23	9 3	2 8	23 53	0 25	22 25	0 52	15 36	5 27	3 32	4 2	2 15		n.a.
S 27	12 1	17 57	4 40	12 28	2 4	14 22	1 24	20 41	0 24	22 8	0 23	9 4	2 8	23 53	0 25	22 25	0 52	15 36	5 27	3 31	4 1	2 13		n.a.
M28	11 40	18 36	5 4	13 2	1 45	13 56	1 25	20 48	0 23	22 9	0 23	9 6	2 7	23 53	0 25	22 25	0 52	15 36	5 27	3 30	4 0	2 11		n.a.
T 29	11 19	18 12	5 12	13 33	1 25	13 30	1 25	20 55	0 22	22 10	0 23	9 8	2 7	23 53	0 25	22 25	0 52	15 36	5 27	3 29	3 59	2 9		n.a.
W30	10 57	16 40	5 1	14 2	1 5	13 3	1 25	21 2	0 20	22 11	0 23	9 10	2 7	23 53	0 25	22 25	0 52	15 36	5 27	3 27	3 57	2 7		n.a.
T 31	10n36	14s 0	4n30	14n27	0s45	12n36	1n25	21n 8	0s19	22n12	0s23	9s12	2n 7	23n53	0n25	22s25	0n52	15n36	5s27	3s25	3s56	2n 6		n.a.

Julian Day Number = 1607312.5, Delta T = 03h55m26s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'06, Lahiri = - 8°16'05 Julian Calendar 1 Aug. 313 BCE == Greg. Calendar 27 July 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

SEPTEMBER 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 23 13	3♍47'18	23♒31	19°R16	2♍ 8	5♊50	12♊39	28♎52	8♋23	19°R 3	2♊41	8°R25	9♎46	21♍ 5	n.a.	F 1
S 2	22 27 9	4°46'28	8♓42	19°D16	3°23	6°19	12°45	28°57	8°25	19♐ 3	2°41	8♎21	9°43	21°11	n.a.	S 2
S 3	22 31 6	5°45'41	23°54	19♌27	4°39	6°48	12°51	29° 2	8°28	19° 3	2°41	8°19	9°39	21°18	n.a.	S 3
M 4	22 35 2	6°44'55	8♈57	19°47	5°54	7°16	12°57	29° 7	8°30	19° 3	2°41	8°D18	9°36	21°25	n.a.	M 4
T 5	22 38 59	7°44'12	23°43	20°18	7° 9	7°45	13° 3	29°12	8°33	19°D 3	2°41	8°19	9°33	21°31	n.a.	T 5
W 6	22 42 56	8°43'31	8♉ 8	20°58	8°24	8°13	13° 9	29°17	8°35	19° 3	2°41	8°20	9°30	21°38	n.a.	W 6
T 7	22 46 52	9°42'53	22° 9	21°46	9°39	8°40	13°14	29°22	8°37	19° 3	2°R41	8°21	9°27	21°45	n.a.	T 7
F 8	22 50 49	10°42'17	5♊44	22°43	10°54	9° 8	13°20	29°28	8°39	19° 3	2°41	8°R22	9°23	21°51	n.a.	F 8
S 9	22 54 45	11°41'43	18°57	23°46	12° 9	9°35	13°25	29°33	8°41	19° 3	2°41	8°22	9°20	21°58	n.a.	S 9
S 10	22 58 42	12°41'12	1♋50	24°56	13°25	10° 2	13°30	29°39	8°43	19° 4	2°41	8°21	9°17	22° 5	n.a.	S 10
M11	23 2 38	13°40'44	14°25	26°12	14°40	10°28	13°35	29°44	8°45	19° 4	2°41	8°18	9°14	22°11	n.a.	M11
T 12	23 6 35	14°40'17	26°45	27°32	15°55	10°54	13°39	29°50	8°47	19° 4	2°41	8°15	9°11	22°18	n.a.	T 12
W13	23 10 31	15°39'53	8♌55	28°57	17°10	11°20	13°44	29°55	8°49	19° 4	2°41	8°11	9° 8	22°25	n.a.	W13
T 14	23 14 28	16°39'32	20°55	0♍25	18°25	11°45	13°48	0♏ 1	8°51	19° 4	2°41	8° 7	9° 4	22°31	n.a.	T 14
F 15	23 18 24	17°39'12	2♍50	1°56	19°41	12°10	13°52	0° 7	8°53	19° 5	2°40	8° 4	9° 1	22°38	n.a.	F 15
S 16	23 22 21	18°38'55	14°39	3°30	20°56	12°35	13°56	0°13	8°55	19° 5	2°40	8° 2	8°58	22°45	n.a.	S 16
S 17	23 26 18	19°38'40	26°27	5° 6	22°11	12°59	14° 0	0°18	8°57	19° 6	2°40	8° 0	8°55	22°51	n.a.	S 17
M18	23 30 14	20°38'27	8♎14	6°43	23°26	13°23	14° 4	0°24	8°58	19° 6	2°40	8°D 0	8°52	22°58	n.a.	M18
T 19	23 34 11	21°38'15	20° 4	8°22	24°42	13°47	14° 7	0°30	9° 0	19° 6	2°39	8° 0	8°49	23° 4	n.a.	T 19
W20	23 38 7	22°38'06	1♏58	10° 1	25°57	14°10	14°11	0°36	9° 2	19° 7	2°39	8° 1	8°45	23°11	n.a.	W20
T 21	23 42 4	23°37'59	14° 0	11°42	27°12	14°33	14°14	0°42	9° 3	19° 7	2°39	8° 3	8°42	23°18	n.a.	T 21
F 22	23 46 0	24°37'54	26°13	13°23	28°28	14°55	14°17	0°48	9° 5	19° 8	2°38	8° 4	8°39	23°24	n.a.	F 22
S 23	23 49 57	25°37'50	8♐42	15° 4	29°43	15°17	14°19	0°54	9° 6	19° 9	2°38	8° 5	8°36	23°31	n.a.	S 23
S 24	23 53 53	26°37'48	21°30	16°45	0♎58	15°39	14°22	1° 1	9° 8	19° 9	2°38	8°R 5	8°33	23°38	n.a.	S 24
M25	23 57 50	27°37'48	4♑40	18°26	2°13	16° 0	14°24	1° 7	9° 9	19°10	2°37	8° 5	8°29	23°44	n.a.	M25
T 26	0 1 47	28°37'50	18°16	20° 8	3°29	16°21	14°26	1°13	9°10	19°10	2°37	8° 5	8°26	23°51	n.a.	T 26
W27	0 5 43	29°37'54	2♒18	21°49	4°44	16°41	14°28	1°19	9°12	19°11	2°36	8° 4	8°23	23°58	n.a.	W27
T 28	0 9 40	0♎37'59	16°46	23°30	5°59	17° 1	14°30	1°26	9°13	19°12	2°36	8° 3	8°20	24° 4	n.a.	T 28
F 29	0 13 36	1°38'05	1♓37	25°10	7°15	17°20	14°31	1°32	9°14	19°13	2°36	8° 2	8°17	24°11	n.a.	F 29
S 30	0 17 33	2♎38'14	16♓43	26♍50	8♎30	17♊39	14♊33	1♏38	9♋15	19♐14	2♊35	8♎ 2	8♎14	24♍18	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n14	10s22	3n41	14n48	0s26	12n 9	1n25	21n15	0s18	22n13	0s23	9s14	2n 7	23n52	0n25	22s25	0n52	15n36	5s28	3s23	3s55	2n 4		n.a.
S 2	9 53	6 1	2 35	15 6	0 8	11 42	1 24	21 21	0 17	22 14	0 23	9 16	2 6	23 52	0 25	22 25	0 52	15 36	5 28	3 21	3 54	2 2		n.a.
S 3	9 31	1 16	1 18	15 19	0n 9	11 14	1 24	21 27	0 16	22 15	0 23	9 18	2 6	23 52	0 25	22 25	0 52	15 36	5 28	3 20	3 52	2 0		n.a.
M 4	9 8	3n32	0s 4	15 27	0 25	10 45	1 24	21 33	0 14	22 15	0 23	9 20	2 6	23 52	0 25	22 25	0 52	15 36	5 28	3 20	3 51	1 58		n.a.
T 5	8 46	8 1	1 24	15 31	0 40	10 17	1 23	21 39	0 13	22 16	0 22	9 22	2 6	23 52	0 25	22 25	0 52	15 35	5 28	3 20	3 50	1 56		n.a.
W 6	8 24	11 55	2 37	15 31	0 53	9 48	1 23	21 45	0 12	22 17	0 22	9 24	2 6	23 52	0 25	22 25	0 52	15 35	5 28	3 21	3 48	1 54		n.a.
T 7	8 1	15 1	3 38	15 27	1 5	9 19	1 22	21 51	0 11	22 18	0 22	9 26	2 5	23 52	0 25	22 25	0 52	15 35	5 28	3 21	3 47	1 52		n.a.
F 8	7 39	17 10	4 25	15 19	1 16	8 50	1 22	21 56	0 9	22 18	0 22	9 28	2 5	23 52	0 25	22 25	0 51	15 35	5 28	3 22	3 46	1 51		n.a.
S 9	7 16	18 20	4 57	15 6	1 26	8 20	1 21	22 2	0 8	22 19	0 22	9 30	2 5	23 51	0 25	22 25	0 51	15 35	5 28	3 21	3 45	1 49		n.a.
S 10	6 53	18 31	5 13	14 50	1 34	7 50	1 21	22 7	0 7	22 20	0 22	9 32	2 5	23 51	0 25	22 25	0 51	15 35	5 28	3 21	3 43	1 47		n.a.
M11	6 30	17 45	5 13	14 31	1 41	7 20	1 20	22 12	0 5	22 20	0 22	9 34	2 5	23 51	0 25	22 25	0 51	15 35	5 28	3 20	3 42	1 45		n.a.
T 12	6 6	16 11	4 58	14 8	1 46	6 50	1 19	22 17	0 4	22 21	0 22	9 36	2 4	23 51	0 25	22 25	0 51	15 35	5 28	3 19	3 41	1 43		n.a.
W13	5 43	13 54	4 31	13 43	1 51	6 19	1 18	22 22	0 2	22 22	0 22	9 39	2 4	23 51	0 25	22 25	0 51	15 35	5 28	3 17	3 40	1 41		n.a.
T 14	5 20	11 2	3 51	13 14	1 54	5 49	1 17	22 27	0 1	22 22	0 22	9 41	2 4	23 51	0 25	22 25	0 51	15 35	5 28	3 16	3 38	1 39		n.a.
F 15	4 56	7 45	3 2	12 44	1 57	5 18	1 16	22 32	0n 0	22 23	0 22	9 43	2 4	23 51	0 25	22 25	0 51	15 35	5 29	3 14	3 37	1 37		n.a.
S 16	4 33	4 11	2 6	12 11	1 58	4 47	1 15	22 37	0 2	22 23	0 22	9 45	2 4	23 51	0 25	22 26	0 51	15 35	5 29	3 13	3 36	1 36		n.a.
S 17	4 9	0 28	1 4	11 36	1 59	4 16	1 14	22 41	0 3	22 24	0 22	9 47	2 4	23 51	0 25	22 26	0 51	15 34	5 29	3 13	3 35	1 34		n.a.
M18	3 45	3s17	0n 1	11 0	1 59	3 45	1 13	22 46	0 5	22 24	0 22	9 50	2 4	23 51	0 25	22 26	0 51	15 34	5 29	3 13	3 33	1 32		n.a.
T 19	3 21	6 55	1 6	10 21	1 58	3 14	1 12	22 50	0 6	22 25	0 22	9 52	2 3	23 51	0 25	22 26	0 51	15 34	5 29	3 13	3 32	1 30		n.a.
W20	2 57	10 17	2 9	9 42	1 57	2 42	1 10	22 55	0 8	22 25	0 22	9 54	2 3	23 50	0 25	22 26	0 51	15 34	5 29	3 13	3 31	1 28		n.a.
T 21	2 33	13 16	3 7	9 2	1 55	2 11	1 9	22 59	0 9	22 26	0 22	9 56	2 3	23 50	0 25	22 26	0 51	15 34	5 29	3 14	3 29	1 26		n.a.
F 22	2 9	15 42	3 57	8 20	1 52	1 39	1 8	23 3	0 11	22 26	0 21	9 59	2 3	23 50	0 25	22 26	0 51	15 34	5 29	3 14	3 28	1 24		n.a.
S 23	1 45	17 28	4 37	7 38	1 49	1 8	1 6	23 7	0 13	22 27	0 21	10 1	2 3	23 50	0 25	22 26	0 51	15 34	5 29	3 15	3 27	1 22		n.a.
S 24	1 21	18 23	5 5	6 55	1 46	0 36	1 5	23 11	0 14	22 27	0 21	10 3	2 3	23 50	0 25	22 26	0 51	15 34	5 29	3 15	3 26	1 21		n.a.
M25	0 57	18 22	5 17	6 11	1 42	0 4	1 3	23 15	0 16	22 27	0 21	10 5	2 2	23 50	0 25	22 26	0 51	15 33	5 29	3 15	3 24	1 19		n.a.
T 26	0 33	17 18	5 13	5 27	1 37	0s28	1 2	23 19	0 18	22 28	0 21	10 8	2 2	23 50	0 26	22 26	0 51	15 33	5 29	3 15	3 23	1 17		n.a.
W27	0 9	15 11	4 50	4 42	1 33	0 59	1 0	23 23	0 19	22 28	0 21	10 10	2 2	23 50	0 26	22 26	0 51	15 33	5 29	3 14	3 22	1 15		n.a.
T 28	0s15	12 3	4 8	3 57	1 28	1 31	0 58	23 26	0 21	22 28	0 21	10 12	2 2	23 50	0 26	22 27	0 51	15 33	5 29	3 14	3 21	1 13		n.a.
F 29	0 39	8 5	3 9	3 12	1 23	2 3	0 57	23 30	0 23	22 28	0 21	10 15	2 2	23 50	0 26	22 27	0 51	15 33	5 29	3 14	3 19	1 11		n.a.
S 30	1s 4	3s32	1n56	2n27	1n17	2s34	0n55	23n33	0n25	22n29	0s21	10s17	2n 2	23n50	0n26	22s27	0n51	15n33	5s30	3s13	3s18	1n 9		n.a.

Julian Day Number = 1607343.5, Delta T = 03h55m25s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°23'02, Lahiri = - 8°16'01 Julian Calendar 1 Sept. 313 BCE == Greg. Calendar 27 Aug. 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

OCTOBER 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 21 29	3♎38'24	1♈56	28♍30	9♎45	17♊58	14♊34	1♏45	9♋16	19♐14	2°R34	8°D 1	8♎10	24♍24	n.a.	S 1
M 2	0 25 26	4°38'36	17° 7	0♎10	11° 1	18°16	14°35	1°51	9°17	19°15	2♊34	8♎ 1	8° 7	24°31	n.a.	M 2
T 3	0 29 22	5°38'51	2♉ 6	1°49	12°16	18°33	14°36	1°58	9°18	19°16	2°33	8° 2	8° 4	24°38	n.a.	T 3
W 4	0 33 19	6°39'07	16°45	3°28	13°31	18°50	14°36	2° 4	9°19	19°17	2°33	8° 2	8° 1	24°44	n.a.	W 4
T 5	0 37 15	7°39'25	0♊59	5° 6	14°47	19° 6	14°37	2°11	9°20	19°18	2°32	8°R 2	7°58	24°51	n.a.	T 5
F 6	0 41 12	8°39'46	14°47	6°44	16° 2	19°22	14°R37	2°18	9°21	19°19	2°32	8° 2	7°54	24°57	n.a.	F 6
S 7	0 45 9	9°40'09	28° 7	8°22	17°17	19°37	14°37	2°24	9°21	19°20	2°31	8° 2	7°51	25° 4	n.a.	S 7
S 8	0 49 5	10°40'33	11♋ 2	9°59	18°33	19°52	14°37	2°31	9°22	19°21	2°30	8°D 2	7°48	25°11	n.a.	S 8
M 9	0 53 2	11°41'00	23°36	11°36	19°48	20° 6	14°36	2°38	9°23	19°22	2°30	8° 2	7°45	25°17	n.a.	M 9
T 10	0 56 58	12°41'29	5♌52	13°12	21° 3	20°20	14°36	2°44	9°23	19°23	2°29	8° 2	7°42	25°24	n.a.	T 10
W11	1 0 55	13°41'59	17°55	14°48	22°19	20°33	14°35	2°51	9°24	19°25	2°28	8° 3	7°39	25°31	n.a.	W11
T 12	1 4 51	14°42'32	29°49	16°24	23°34	20°45	14°34	2°58	9°24	19°26	2°27	8° 3	7°35	25°37	n.a.	T 12
F 13	1 8 48	15°43'06	11♍38	17°59	24°49	20°57	14°32	3° 5	9°25	19°27	2°27	8° 4	7°32	25°44	n.a.	F 13
S 14	1 12 44	16°43'42	23°25	19°35	26° 5	21° 8	14°31	3°11	9°25	19°28	2°26	8° 5	7°29	25°51	n.a.	S 14
S 15	1 16 41	17°44'20	5♎13	21° 9	27°20	21°19	14°29	3°18	9°25	19°30	2°25	8°R 5	7°26	25°57	n.a.	S 15
M16	1 20 38	18°45'00	17° 4	22°44	28°35	21°29	14°27	3°25	9°25	19°31	2°24	8° 5	7°23	26° 4	n.a.	M16
T 17	1 24 34	19°45'41	29° 1	24°18	29°50	21°38	14°25	3°32	9°26	19°32	2°23	8° 4	7°20	26°11	n.a.	T 17
W18	1 28 31	20°46'24	11♏ 5	25°52	1♏ 6	21°46	14°23	3°39	9°26	19°34	2°22	8° 3	7°16	26°17	n.a.	W18
T 19	1 32 27	21°47'08	23°19	27°26	2°21	21°54	14°21	3°46	9°26	19°35	2°22	8° 1	7°13	26°24	n.a.	T 19
F 20	1 36 24	22°47'54	5♐43	29° 0	3°36	22° 1	14°18	3°53	9°R26	19°36	2°21	7°59	7°10	26°31	n.a.	F 20
S 21	1 40 20	23°48'40	18°21	0♏33	4°52	22° 7	14°15	4° 0	9°26	19°38	2°20	7°57	7° 7	26°37	n.a.	S 21
S 22	1 44 17	24°49'29	1♑13	2° 7	6° 7	22°13	14°12	4° 7	9°26	19°39	2°19	7°55	7° 4	26°44	n.a.	S 22
M23	1 48 13	25°50'18	14°23	3°40	7°22	22°18	14° 9	4°14	9°25	19°41	2°18	7°53	7° 0	26°50	n.a.	M23
T 24	1 52 10	26°51'08	27°52	5°13	8°38	22°22	14° 6	4°20	9°25	19°42	2°17	7°D53	6°57	26°57	n.a.	T 24
W25	1 56 7	27°51'59	11♒41	6°46	9°53	22°25	14° 2	4°27	9°25	19°44	2°16	7°54	6°54	27° 4	n.a.	W25
T 26	2 0 3	28°52'52	25°51	8°18	11° 8	22°28	13°58	4°34	9°25	19°45	2°15	7°55	6°51	27°10	n.a.	T 26
F 27	2 4 0	29°53'45	10♓20	9°51	12°23	22°30	13°54	4°41	9°24	19°47	2°14	7°56	6°48	27°17	n.a.	F 27
S 28	2 7 56	0♏54'39	25° 6	11°23	13°39	22°31	13°50	4°48	9°24	19°49	2°13	7°57	6°45	27°24	n.a.	S 28
S 29	2 11 53	1°55'34	10♈ 2	12°55	14°54	22°R31	13°46	4°55	9°23	19°50	2°12	7°R58	6°41	27°30	n.a.	S 29
M30	2 15 49	2°56'30	25° 2	14°27	16° 9	22°31	13°41	5° 2	9°23	19°52	2°11	7°57	6°38	27°37	n.a.	M30
T 31	2 19 46	3♏57'28	9♉57	15♏59	17♏24	22♊29	13♊37	5♏ 9	9♋22	19♐54	2♊10	7♎55	6♎35	27♍44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	1s28	1n18	0n34	1n42	1n12	3s 6	0n53	23n37	0n26	22n29	0s21	10s19	2n 2	23n50	0n26	22s27	0n51	15n32	5s30	3s13	3s17	1n 7			n.a.
M 2	1 52	6 2	0s50	0 56	1 6	3 38	0 51	23 40	0 28	22 29	0 21	10 22	2 2	23 50	0 26	22 27	0 51	15 32	5 30	3 13	3 16	1 6			n.a.
T 3	2 16	10 19	2 10	0 11	1 0	4 9	0 49	23 44	0 30	22 29	0 21	10 24	2 1	23 50	0 26	22 27	0 50	15 32	5 30	3 13	3 14	1 4			n.a.
W 4	2 40	13 52	3 19	0s34	0 54	4 41	0 47	23 47	0 32	22 29	0 21	10 27	2 1	23 50	0 26	22 27	0 50	15 32	5 30	3 13	3 13	1 2			n.a.
T 5	3 4	16 28	4 14	1 20	0 48	5 12	0 45	23 50	0 34	22 29	0 21	10 29	2 1	23 50	0 26	22 27	0 50	15 32	5 30	3 13	3 12	1 0			n.a.
F 6	3 29	18 0	4 53	2 5	0 41	5 43	0 43	23 53	0 36	22 29	0 21	10 31	2 1	23 50	0 26	22 27	0 50	15 32	5 30	3 13	3 10	0 58			n.a.
S 7	3 53	18 30	5 14	2 49	0 35	6 14	0 41	23 57	0 38	22 30	0 20	10 34	2 1	23 50	0 26	22 28	0 50	15 31	5 30	3 13	3 9	0 56			n.a.
S 8	4 17	17 59	5 18	3 34	0 28	6 45	0 39	24 0	0 40	22 30	0 20	10 36	2 1	23 50	0 26	22 28	0 50	15 31	5 30	3 13	3 8	0 54			n.a.
M 9	4 40	16 36	5 7	4 18	0 22	7 16	0 37	24 3	0 42	22 30	0 20	10 39	2 1	23 50	0 26	22 28	0 50	15 31	5 30	3 13	3 7	0 52			n.a.
T 10	5 4	14 29	4 42	5 2	0 15	7 47	0 35	24 6	0 44	22 30	0 20	10 41	2 1	23 50	0 26	22 28	0 50	15 31	5 30	3 14	3 5	0 51			n.a.
W11	5 28	11 46	4 5	5 46	0 9	8 17	0 33	24 9	0 46	22 30	0 20	10 43	2 1	23 50	0 26	22 28	0 50	15 31	5 30	3 14	3 4	0 49			n.a.
T 12	5 52	8 36	3 17	6 29	0 2	8 47	0 30	24 12	0 48	22 30	0 20	10 46	2 0	23 50	0 26	22 28	0 50	15 31	5 30	3 14	3 3	0 47			n.a.
F 13	6 16	5 6	2 22	7 12	0s 4	9 17	0 28	24 15	0 50	22 29	0 20	10 48	2 0	23 50	0 26	22 28	0 50	15 30	5 30	3 14	3 2	0 45			n.a.
S 14	6 39	1 25	1 21	7 55	0 11	9 47	0 26	24 18	0 52	22 29	0 20	10 51	2 0	23 50	0 26	22 29	0 50	15 30	5 30	3 15	3 0	0 43			n.a.
S 15	7 3	2s20	0 16	8 37	0 17	10 17	0 24	24 21	0 54	22 29	0 20	10 53	2 0	23 50	0 26	22 29	0 50	15 30	5 30	3 15	2 59	0 41			n.a.
M16	7 26	6 1	0n50	9 19	0 24	10 46	0 21	24 23	0 56	22 29	0 20	10 55	2 0	23 50	0 26	22 29	0 50	15 30	5 30	3 15	2 58	0 39			n.a.
T 17	7 49	9 29	1 54	10 0	0 30	11 15	0 19	24 26	0 59	22 29	0 20	10 58	2 0	23 50	0 26	22 29	0 50	15 30	5 30	3 14	2 56	0 37			n.a.
W18	8 12	12 36	2 53	10 41	0 37	11 44	0 17	24 29	1 1	22 29	0 20	11 0	2 0	23 50	0 26	22 29	0 50	15 29	5 30	3 14	2 55	0 36			n.a.
T 19	8 35	15 12	3 45	11 21	0 43	12 13	0 14	24 32	1 3	22 29	0 20	11 3	2 0	23 50	0 26	22 29	0 50	15 29	5 30	3 13	2 54	0 34			n.a.
F 20	8 58	17 8	4 28	12 1	0 49	12 41	0 12	24 35	1 6	22 28	0 19	11 5	2 0	23 50	0 26	22 29	0 50	15 29	5 30	3 12	2 53	0 32			n.a.
S 21	9 21	18 16	4 58	12 40	0 55	13 9	0 9	24 37	1 8	22 28	0 19	11 8	2 0	23 50	0 26	22 30	0 50	15 29	5 31	3 11	2 51	0 30			n.a.
S 22	9 44	18 29	5 14	13 19	1 1	13 37	0 7	24 40	1 10	22 28	0 19	11 10	2 0	23 50	0 26	22 30	0 50	15 29	5 31	3 10	2 50	0 28			n.a.
M23	10 6	17 44	5 14	13 57	1 7	14 4	0 5	24 43	1 13	22 28	0 19	11 12	2 0	23 50	0 26	22 30	0 50	15 28	5 31	3 10	2 49	0 26			n.a.
T 24	10 28	15 59	4 57	14 34	1 13	14 31	0 2	24 45	1 15	22 27	0 19	11 15	2 0	23 50	0 26	22 30	0 50	15 28	5 31	3 10	2 48	0 24			n.a.
W25	10 51	13 17	4 23	15 10	1 19	14 58	0s 0	24 48	1 18	22 27	0 19	11 17	2 0	23 50	0 26	22 30	0 50	15 28	5 31	3 10	2 46	0 22			n.a.
T 26	11 12	9 44	3 32	15 46	1 24	15 24	0 3	24 51	1 20	22 27	0 19	11 20	1 59	23 50	0 27	22 30	0 50	15 28	5 31	3 11	2 45	0 21			n.a.
F 27	11 34	5 31	2 27	16 21	1 30	15 50	0 5	24 53	1 22	22 26	0 19	11 22	1 59	23 50	0 27	22 30	0 50	15 28	5 31	3 11	2 44	0 19			n.a.
S 28	11 56	0 54	1 10	16 56	1 35	16 15	0 8	24 56	1 25	22 26	0 19	11 25	1 59	23 50	0 27	22 31	0 50	15 27	5 31	3 12	2 42	0 17			n.a.
S 29	12 17	3n51	0s11	17 29	1 40	16 40	0 10	24 58	1 28	22 25	0 19	11 27	1 59	23 50	0 27	22 31	0 50	15 27	5 31	3 12	2 41	0 15			n.a.
M30	12 38	8 22	1 33	18 2	1 44	17 4	0 13	25 1	1 30	22 25	0 19	11 29	1 59	23 50	0 27	22 31	0 50	15 27	5 31	3 11	2 40	0 13			n.a.
T 31	12s59	12n20	2s47	18s34	1s49	17s28	0s15	25n 3	1n33	22n24	0s18	11s32	1n59	23n50	0n27	22s31	0n50	15n27	5s31	3s11	2s39	0n11			n.a.

Julian Day Number = 1607373.5, Delta T = 03h55m24s
Ecliptic obliquity = 23°43'51, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'58, Lahiri = - 8°15'57 Julian Calendar 1 Oct. 313 BCE == Greg. Calendar 26 Sept. 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

NOVEMBER 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 23 42	4♏58'26	24♉39	17♏31	18♏40	22°R27	13°R32	5♏17	9°R22	19♐55	2°R 9	7°R51	6♎32	27♍50	n.a.	W 1
T 2	2 27 39	5°59'26	9♊ 0	19° 2	19°55	22♊24	13♊27	5°24	9♋21	19°57	2♊ 8	7♎47	6°29	27°57	n.a.	T 2
F 3	2 31 36	7° 0'27	22°56	20°33	21°10	22°20	13°22	5°31	9°20	19°59	2° 7	7°43	6°26	28° 4	n.a.	F 3
S 4	2 35 32	8° 1'30	6♋25	22° 4	22°25	22°16	13°16	5°38	9°19	20° 1	2° 6	7°38	6°22	28°10	n.a.	S 4
S 5	2 39 29	9° 2'33	19°27	23°35	23°41	22°10	13°11	5°45	9°18	20° 3	2° 5	7°35	6°19	28°17	n.a.	S 5
M 6	2 43 25	10° 3'38	2♌ 5	25° 5	24°56	22° 4	13° 5	5°52	9°17	20° 4	2° 4	7°34	6°16	28°24	n.a.	M 6
T 7	2 47 22	11° 4'44	14°23	26°35	26°11	21°57	12°59	5°59	9°17	20° 6	2° 2	7°D33	6°13	28°30	n.a.	T 7
W 8	2 51 18	12° 5'50	26°25	28° 5	27°26	21°49	12°53	6° 6	9°16	20° 8	2° 1	7°34	6°10	28°37	n.a.	W 8
T 9	2 55 15	13° 6'58	8♍18	29°33	28°41	21°40	12°47	6°13	9°14	20°10	2° 0	7°36	6° 6	28°43	n.a.	T 9
F 10	2 59 11	14° 8'08	20° 5	1♐ 1	29°57	21°30	12°41	6°20	9°13	20°12	1°59	7°38	6° 3	28°50	n.a.	F 10
S 11	3 3 8	15° 9'17	1♎51	2°29	1♐12	21°19	12°35	6°27	9°12	20°14	1°58	7°R39	6° 0	28°57	n.a.	S 11
S 12	3 7 5	16°10'28	13°42	3°55	2°27	21° 8	12°28	6°34	9°11	20°16	1°57	7°39	5°57	29° 3	n.a.	S 12
M13	3 11 1	17°11'40	25°39	5°20	3°42	20°56	12°22	6°40	9°10	20°18	1°56	7°37	5°54	29°10	n.a.	M13
T 14	3 14 58	18°12'53	7♏46	6°43	4°57	20°43	12°15	6°47	9° 8	20°20	1°54	7°33	5°51	29°17	n.a.	T 14
W15	3 18 54	19°14'06	20° 4	8° 5	6°12	20°29	12° 8	6°54	9° 7	20°22	1°53	7°27	5°47	29°23	n.a.	W15
T 16	3 22 51	20°15'19	2♐35	9°25	7°27	20°14	12° 1	7° 1	9° 6	20°24	1°52	7°20	5°44	29°30	n.a.	T 16
F 17	3 26 47	21°16'34	15°19	10°43	8°43	19°59	11°54	7° 8	9° 4	20°26	1°51	7°12	5°41	29°37	n.a.	F 17
S 18	3 30 44	22°17'48	28°15	11°58	9°58	19°43	11°47	7°15	9° 3	20°28	1°50	7° 3	5°38	29°43	n.a.	S 18
S 19	3 34 40	23°19'03	11♑23	13°10	11°13	19°26	11°39	7°22	9° 1	20°30	1°48	6°56	5°35	29°50	n.a.	S 19
M20	3 38 37	24°20'18	24°44	14°18	12°28	19° 8	11°32	7°29	8°59	20°32	1°47	6°50	5°31	29°57	n.a.	M20
T 21	3 42 34	25°21'34	8♒17	15°21	13°43	18°50	11°24	7°35	8°58	20°34	1°46	6°47	5°28	0♎ 3	n.a.	T 21
W22	3 46 30	26°22'49	22° 2	16°20	14°58	18°31	11°17	7°42	8°56	20°36	1°45	6°D45	5°25	0°10	n.a.	W22
T 23	3 50 27	27°24'04	6♓ 0	17°13	16°13	18°11	11° 9	7°49	8°54	20°38	1°44	6°45	5°22	0°17	n.a.	T 23
F 24	3 54 23	28°25'19	20°11	17°59	17°28	17°51	11° 1	7°56	8°53	20°40	1°42	6°46	5°19	0°23	n.a.	F 24
S 25	3 58 20	29°26'34	4♈32	18°39	18°43	17°31	10°53	8° 2	8°51	20°43	1°41	6°R47	5°16	0°30	n.a.	S 25
S 26	4 2 16	0♐27'48	19° 2	19° 9	19°58	17° 9	10°46	8° 9	8°49	20°45	1°40	6°46	5°12	0°36	n.a.	S 26
M27	4 6 13	1°29'03	3♉37	19°31	21°13	16°48	10°38	8°16	8°47	20°47	1°39	6°44	5° 9	0°43	n.a.	M27
T 28	4 10 9	2°30'18	18°11	19°43	22°28	16°26	10°30	8°22	8°45	20°49	1°38	6°38	5° 6	0°50	n.a.	T 28
W29	4 14 6	3°31'32	2♊38	19°R43	23°43	16° 3	10°22	8°29	8°43	20°51	1°36	6°30	5° 3	0°56	n.a.	W29
T 30	4 18 3	4♐32'47	16♊50	19♐33	24♐58	15♊40	10♊14	8♏36	8♋41	20♐53	1♊35	6♎21	5♎ 0	1♎ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s20	15n27	3s49	19s 4	1s53	17s52	0s17	25n 6	1n35	22n24	0s18	11s34	1n59	23n50	0n27	22s31	0n49	15n26	5s31	3s 9	2s37	0n 9		n.a.
T 2	13 41	17 32	4 35	19 34	1 57	18 15	0 20	25 8	1 38	22 23	0 18	11 36	1 59	23 50	0 27	22 31	0 49	15 26	5 31	3 7	2 36	0 7		n.a.
F 3	14 1	18 29	5 3	20 3	2 1	18 38	0 22	25 11	1 41	22 23	0 18	11 39	1 59	23 51	0 27	22 32	0 49	15 26	5 31	3 6	2 35	0 6		n.a.
S 4	14 21	18 21	5 14	20 31	2 4	19 0	0 25	25 13	1 43	22 22	0 18	11 41	1 59	23 51	0 27	22 32	0 49	15 26	5 31	3 4	2 34	0 4		n.a.
S 5	14 41	17 14	5 7	20 57	2 8	19 21	0 27	25 16	1 46	22 22	0 18	11 44	1 59	23 51	0 27	22 32	0 49	15 26	5 31	3 3	2 32	0 2		n.a.
M 6	15 1	15 18	4 46	21 23	2 10	19 43	0 30	25 18	1 49	22 21	0 18	11 46	1 59	23 51	0 27	22 32	0 49	15 25	5 31	3 2	2 31	0s 0		n.a.
T 7	15 20	12 42	4 11	21 47	2 13	20 3	0 32	25 20	1 51	22 21	0 18	11 48	1 59	23 51	0 27	22 32	0 49	15 25	5 31	3 2	2 30	0 2		n.a.
W 8	15 39	9 37	3 27	22 10	2 15	20 23	0 34	25 22	1 54	22 20	0 18	11 51	1 59	23 51	0 27	22 32	0 49	15 25	5 31	3 2	2 29	0 4		n.a.
T 9	15 58	6 11	2 34	22 31	2 16	20 42	0 37	25 25	1 57	22 19	0 17	11 53	1 59	23 51	0 27	22 33	0 49	15 25	5 31	3 3	2 27	0 6		n.a.
F 10	16 16	2 32	1 35	22 51	2 17	21 1	0 39	25 27	2 0	22 18	0 17	11 55	1 59	23 51	0 27	22 33	0 49	15 25	5 31	3 4	2 26	0 7		n.a.
S 11	16 35	1s14	0 32	23 10	2 18	21 19	0 41	25 29	2 2	22 18	0 17	11 58	1 59	23 51	0 27	22 33	0 49	15 24	5 31	3 4	2 25	0 9		n.a.
S 12	16 53	4 58	0n33	23 27	2 18	21 37	0 44	25 31	2 5	22 17	0 17	12 0	1 59	23 51	0 27	22 33	0 49	15 24	5 31	3 4	2 23	0 11		n.a.
M13	17 10	8 32	1 37	23 42	2 18	21 54	0 46	25 33	2 8	22 16	0 17	12 2	1 59	23 52	0 27	22 33	0 49	15 24	5 31	3 4	2 22	0 13		n.a.
T 14	17 28	11 48	2 36	23 56	2 17	22 10	0 48	25 34	2 11	22 16	0 17	12 5	1 59	23 52	0 27	22 33	0 49	15 24	5 31	3 2	2 21	0 15		n.a.
W15	17 45	14 36	3 30	24 8	2 15	22 26	0 50	25 36	2 13	22 15	0 17	12 7	1 59	23 52	0 27	22 34	0 49	15 24	5 31	3 0	2 20	0 17		n.a.
T 16	18 1	16 47	4 14	24 19	2 12	22 41	0 53	25 38	2 16	22 14	0 17	12 9	1 59	23 52	0 27	22 34	0 49	15 23	5 31	2 57	2 18	0 19		n.a.
F 17	18 18	18 10	4 46	24 27	2 9	22 55	0 55	25 39	2 19	22 13	0 16	12 11	1 59	23 52	0 27	22 34	0 49	15 23	5 31	2 53	2 17	0 21		n.a.
S 18	18 34	18 38	5 5	24 34	2 5	23 9	0 57	25 41	2 22	22 12	0 16	12 14	1 59	23 52	0 27	22 34	0 49	15 23	5 31	2 50	2 16	0 22		n.a.
S 19	18 50	18 8	5 7	24 38	2 0	23 22	0 59	25 42	2 24	22 11	0 16	12 16	1 59	23 52	0 27	22 34	0 49	15 23	5 30	2 47	2 15	0 24		n.a.
M20	19 5	16 37	4 54	24 41	1 54	23 34	1 1	25 43	2 27	22 10	0 16	12 18	1 59	23 52	0 27	22 34	0 49	15 22	5 30	2 45	2 13	0 26		n.a.
T 21	19 20	14 11	4 23	24 41	1 47	23 46	1 3	25 44	2 29	22 10	0 16	12 20	1 59	23 53	0 27	22 35	0 49	15 22	5 30	2 43	2 12	0 28		n.a.
W22	19 35	10 54	3 37	24 40	1 39	23 57	1 5	25 45	2 32	22 9	0 16	12 22	1 59	23 53	0 27	22 35	0 49	15 22	5 30	2 43	2 11	0 30		n.a.
T 23	19 49	6 58	2 38	24 36	1 30	24 7	1 7	25 46	2 35	22 8	0 16	12 25	1 59	23 53	0 27	22 35	0 49	15 22	5 30	2 43	2 9	0 32		n.a.
F 24	20 3	2 35	1 28	24 30	1 19	24 16	1 9	25 47	2 37	22 7	0 15	12 27	1 59	23 53	0 27	22 35	0 49	15 22	5 30	2 43	2 8	0 34		n.a.
S 25	20 17	2n 0	0 12	24 22	1 8	24 25	1 11	25 47	2 40	22 6	0 15	12 29	1 59	23 53	0 27	22 35	0 49	15 22	5 30	2 43	2 7	0 36		n.a.
S 26	20 30	6 32	1s 5	24 11	0 55	24 33	1 12	25 47	2 42	22 5	0 15	12 31	1 59	23 53	0 27	22 35	0 49	15 21	5 30	2 43	2 6	0 37		n.a.
M27	20 43	10 42	2 19	23 59	0 40	24 40	1 14	25 48	2 44	22 4	0 15	12 33	1 59	23 53	0 27	22 36	0 49	15 21	5 30	2 42	2 4	0 39		n.a.
T 28	20 55	14 12	3 23	23 44	0 25	24 46	1 16	25 48	2 47	22 3	0 15	12 35	1 59	23 54	0 27	22 36	0 49	15 21	5 30	2 40	2 3	0 41		n.a.
W29	21 7	16 47	4 14	23 27	0 8	24 52	1 17	25 47	2 49	22 2	0 15	12 37	1 59	23 54	0 27	22 36	0 49	15 21	5 30	2 37	2 2	0 43		n.a.
T 30	21s18	18n18	4s48	23s 9	0n10	24s57	1s19	25n47	2n51	22n 1	0s15	12s40	1n59	23n54	0n28	22s36	0n49	15n21	5s30	2s33	2s 0	0s45		n.a.

Julian Day Number = 1607404.5, Delta T = 03h55m23s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'53, Lahiri = - 8°15'53 Julian Calendar 1 Nov. 313 BCE == Greg. Calendar 27 Oct. 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 313 BCE
geocentric

DECEMBER 313 BCE (-312) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 21 59	5♐34'02	0♋43	19°R10	26♐13	15°R17	10°R 6	8♏42	8°R39	20♐56	1°R34	6°R10	4♎57	1♎10	n.a.	F 1
S 2	4 25 56	6°35'17	14°12	18♐36	27°28	14♊54	9♊58	8°49	8♋37	20°58	1♊33	6♎ 0	4°53	1°16	n.a.	S 2
S 3	4 29 52	7°36'32	27°18	17°50	28°43	14°30	9°50	8°55	8°35	21° 0	1°32	5°52	4°50	1°23	n.a.	S 3
M 4	4 33 49	8°37'46	9♌59	16°53	29°58	14° 6	9°41	9° 2	8°33	21° 2	1°30	5°45	4°47	1°30	n.a.	M 4
T 5	4 37 45	9°39'01	22°20	15°48	1♑13	13°43	9°33	9° 8	8°31	21° 5	1°29	5°41	4°44	1°36	n.a.	T 5
W 6	4 41 42	10°40'16	4♍25	14°35	2°27	13°18	9°25	9°14	8°29	21° 7	1°28	5°39	4°41	1°43	n.a.	W 6
T 7	4 45 39	11°41'31	16°18	13°18	3°42	12°54	9°17	9°21	8°26	21° 9	1°27	5°D39	4°37	1°50	n.a.	T 7
F 8	4 49 35	12°42'46	28° 6	11°58	4°57	12°30	9° 9	9°27	8°24	21°11	1°26	5°40	4°34	1°56	n.a.	F 8
S 9	4 53 32	13°44'00	9♎53	10°38	6°12	12° 6	9° 1	9°33	8°22	21°14	1°24	5°R40	4°31	2° 3	n.a.	S 9
S 10	4 57 28	14°45'15	21°46	9°21	7°27	11°42	8°53	9°39	8°19	21°16	1°23	5°39	4°28	2°10	n.a.	S 10
M11	5 1 25	15°46'29	3♏48	8° 8	8°41	11°19	8°45	9°45	8°17	21°18	1°22	5°35	4°25	2°16	n.a.	M11
T 12	5 5 21	16°47'43	16° 3	7° 3	9°56	10°55	8°37	9°52	8°15	21°20	1°21	5°28	4°22	2°23	n.a.	T 12
W13	5 9 18	17°48'57	28°35	6° 5	11°11	10°32	8°29	9°58	8°12	21°23	1°20	5°19	4°18	2°29	n.a.	W13
T 14	5 13 14	18°50'10	11♐23	5°17	12°26	10° 9	8°21	10° 4	8°10	21°25	1°18	5° 8	4°15	2°36	n.a.	T 14
F 15	5 17 11	19°51'23	24°28	4°38	13°40	9°46	8°13	10°10	8° 8	21°27	1°17	4°55	4°12	2°43	n.a.	F 15
S 16	5 21 8	20°52'35	7♑49	4° 8	14°55	9°24	8° 5	10°15	8° 5	21°29	1°16	4°42	4° 9	2°49	n.a.	S 16
S 17	5 25 4	21°53'46	21°22	3°48	16°10	9° 2	7°58	10°21	8° 3	21°32	1°15	4°30	4° 6	2°56	n.a.	S 17
M18	5 29 1	22°54'57	5♒ 6	3°37	17°24	8°41	7°50	10°27	8° 0	21°34	1°14	4°20	4° 3	3° 3	n.a.	M18
T 19	5 32 57	23°56'06	18°56	3°D35	18°39	8°20	7°42	10°33	7°58	21°36	1°13	4°13	3°59	3° 9	n.a.	T 19
W20	5 36 54	24°57'15	2♓53	3°41	19°53	7°59	7°35	10°38	7°55	21°39	1°12	4° 9	3°56	3°16	n.a.	W20
T 21	5 40 50	25°58'22	16°53	3°55	21° 8	7°40	7°28	10°44	7°53	21°41	1°11	4° 8	3°53	3°23	n.a.	T 21
F 22	5 44 47	26°59'28	0♈56	4°15	22°22	7°21	7°20	10°50	7°50	21°43	1°10	4° 8	3°50	3°29	n.a.	F 22
S 23	5 48 43	28° 0'33	15° 2	4°42	23°37	7° 2	7°13	10°55	7°47	21°45	1° 8	4° 7	3°47	3°36	n.a.	S 23
S 24	5 52 40	29° 1'36	29°10	5°15	24°51	6°44	7° 6	11° 1	7°45	21°48	1° 7	4° 6	3°43	3°43	n.a.	S 24
M25	5 56 37	0♑ 2'39	13♉19	5°52	26° 6	6°27	6°59	11° 6	7°42	21°50	1° 6	4° 2	3°40	3°49	n.a.	M25
T 26	6 0 33	1° 3'40	27°24	6°35	27°20	6°11	6°52	11°11	7°40	21°52	1° 5	3°54	3°37	3°56	n.a.	T 26
W27	6 4 30	2° 4'40	11♊24	7°22	28°34	5°55	6°46	11°17	7°37	21°54	1° 4	3°44	3°34	4° 2	n.a.	W27
T 28	6 8 26	3° 5'38	25°14	8°12	29°49	5°40	6°39	11°22	7°35	21°57	1° 3	3°32	3°31	4° 9	n.a.	T 28
F 29	6 12 23	4° 6'36	8♋49	9° 7	1♒ 3	5°26	6°33	11°27	7°32	21°59	1° 2	3°19	3°28	4°16	n.a.	F 29
S 30	6 16 19	5° 7'33	22° 7	10° 4	2°17	5°12	6°26	11°32	7°29	22° 1	1° 1	3° 6	3°24	4°22	n.a.	S 30
S 31	6 20 16	6♑ 8'28	5♌ 5	11♐ 4	3♒31	4♊59	6♊20	11♏37	7♋27	22♐ 3	1♊ 0	2♎54	3♎21	4♎29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s30	18n40	5s 3	22s48	0n29	25s 1	1s21	25n47	2n53	22n 0	0s14	12s42	1n59	23n54	0n28	22s36	0n49	15n20	5s30	2s29	1s59	0s47		n.a.
S 2	21 40	17 58	5 2	22 26	0 49	25 4	1 22	25 46	2 55	21 59	0 14	12 44	1 59	23 54	0 28	22 36	0 49	15 20	5 30	2 25	1 58	0 49		n.a.
S 3	21 51	16 19	4 44	22 2	1 8	25 7	1 24	25 45	2 57	21 58	0 14	12 46	1 59	23 54	0 28	22 37	0 49	15 20	5 30	2 21	1 57	0 50		n.a.
M 4	22 1	13 54	4 13	21 37	1 28	25 9	1 25	25 44	2 59	21 57	0 14	12 48	1 59	23 55	0 28	22 37	0 49	15 20	5 30	2 19	1 55	0 52		n.a.
T 5	22 10	10 56	3 30	21 11	1 48	25 10	1 26	25 43	3 1	21 55	0 14	12 50	1 59	23 55	0 28	22 37	0 49	15 20	5 30	2 17	1 54	0 54		n.a.
W 6	22 19	7 33	2 39	20 44	2 6	25 10	1 28	25 42	3 3	21 54	0 14	12 52	2 0	23 55	0 28	22 37	0 49	15 20	5 30	2 16	1 53	0 56		n.a.
T 7	22 28	3 55	1 42	20 18	2 23	25 9	1 29	25 40	3 5	21 53	0 14	12 54	2 0	23 55	0 28	22 37	0 49	15 19	5 29	2 16	1 52	0 58		n.a.
F 8	22 36	0 9	0 40	19 53	2 38	25 8	1 30	25 39	3 6	21 52	0 13	12 56	2 0	23 55	0 28	22 37	0 49	15 19	5 29	2 17	1 50	1 0		n.a.
S 9	22 44	3s37	0n23	19 29	2 51	25 6	1 31	25 37	3 8	21 51	0 13	12 57	2 0	23 55	0 28	22 38	0 49	15 19	5 29	2 17	1 49	1 2		n.a.
S 10	22 51	7 16	1 25	19 7	3 2	25 3	1 32	25 35	3 9	21 50	0 13	12 59	2 0	23 56	0 28	22 38	0 49	15 19	5 29	2 16	1 48	1 4		n.a.
M11	22 58	10 41	2 24	18 48	3 11	24 59	1 33	25 33	3 11	21 49	0 13	13 1	2 0	23 56	0 28	22 38	0 49	15 19	5 29	2 15	1 46	1 5		n.a.
T 12	23 4	13 42	3 17	18 31	3 17	24 55	1 34	25 31	3 12	21 48	0 13	13 3	2 0	23 56	0 28	22 38	0 49	15 19	5 29	2 12	1 45	1 7		n.a.
W13	23 10	16 9	4 2	18 18	3 20	24 50	1 35	25 29	3 13	21 47	0 13	13 5	2 0	23 56	0 28	22 38	0 49	15 18	5 29	2 8	1 44	1 9		n.a.
T 14	23 15	17 52	4 36	18 8	3 22	24 44	1 36	25 27	3 14	21 46	0 12	13 7	2 0	23 56	0 28	22 38	0 49	15 18	5 29	2 4	1 43	1 11		n.a.
F 15	23 20	18 41	4 56	18 2	3 21	24 37	1 36	25 24	3 15	21 44	0 12	13 9	2 0	23 56	0 28	22 39	0 49	15 18	5 29	1 58	1 41	1 13		n.a.
S 16	23 25	18 30	5 1	17 59	3 19	24 29	1 37	25 22	3 16	21 43	0 12	13 10	2 0	23 57	0 28	22 39	0 49	15 18	5 29	1 53	1 40	1 15		n.a.
S 17	23 29	17 16	4 48	17 59	3 15	24 21	1 37	25 19	3 17	21 42	0 12	13 12	2 0	23 57	0 28	22 39	0 49	15 18	5 29	1 48	1 39	1 17		n.a.
M18	23 32	15 2	4 19	18 2	3 10	24 12	1 38	25 16	3 18	21 41	0 12	13 14	2 0	23 57	0 28	22 39	0 49	15 18	5 29	1 45	1 38	1 18		n.a.
T 19	23 35	11 55	3 35	18 7	3 4	24 2	1 38	25 14	3 19	21 40	0 12	13 16	2 0	23 57	0 28	22 39	0 48	15 18	5 28	1 42	1 36	1 20		n.a.
W20	23 38	8 8	2 37	18 15	2 57	23 52	1 39	25 11	3 19	21 39	0 11	13 17	2 1	23 57	0 28	22 39	0 48	15 18	5 28	1 40	1 35	1 22		n.a.
T 21	23 40	3 52	1 30	18 25	2 49	23 41	1 39	25 8	3 20	21 38	0 11	13 19	2 1	23 57	0 28	22 40	0 48	15 17	5 28	1 40	1 34	1 24		n.a.
F 22	23 42	0n38	0 17	18 37	2 41	23 29	1 39	25 5	3 20	21 37	0 11	13 21	2 1	23 58	0 28	22 40	0 48	15 17	5 28	1 40	1 32	1 26		n.a.
S 23	23 43	5 7	0s57	18 51	2 32	23 16	1 39	25 2	3 20	21 36	0 11	13 22	2 1	23 58	0 28	22 40	0 48	15 17	5 28	1 39	1 31	1 28		n.a.
S 24	23 44	9 19	2 8	19 6	2 23	23 3	1 39	25 0	3 21	21 35	0 11	13 24	2 1	23 58	0 28	22 40	0 48	15 17	5 28	1 39	1 30	1 30		n.a.
M25	23 44	12 59	3 11	19 21	2 14	22 49	1 39	24 57	3 21	21 34	0 11	13 25	2 1	23 58	0 28	22 40	0 48	15 17	5 28	1 37	1 29	1 31		n.a.
T 26	23 44	15 53	4 2	19 38	2 4	22 34	1 39	24 54	3 21	21 33	0 11	13 27	2 1	23 58	0 28	22 40	0 48	15 17	5 28	1 34	1 27	1 33		n.a.
W27	23 43	17 50	4 38	19 55	1 54	22 19	1 39	24 51	3 21	21 32	0 10	13 29	2 1	23 58	0 28	22 40	0 48	15 17	5 28	1 30	1 26	1 35		n.a.
T 28	23 42	18 42	4 57	20 13	1 45	22 3	1 39	24 49	3 21	21 31	0 10	13 30	2 1	23 59	0 28	22 41	0 48	15 17	5 27	1 25	1 25	1 37		n.a.
F 29	23 40	18 28	4 59	20 31	1 35	21 46	1 39	24 46	3 21	21 30	0 10	13 32	2 1	23 59	0 28	22 41	0 48	15 17	5 27	1 20	1 23	1 39		n.a.
S 30	23 38	17 13	4 44	20 50	1 25	21 29	1 38	24 43	3 21	21 29	0 10	13 33	2 2	23 59	0 28	22 41	0 48	15 17	5 27	1 15	1 22	1 41		n.a.
S 31	23s35	15n 6	4s15	21s 8	1n15	21s11	1s38	24n41	3n21	21n28	0s10	13s35	2n 2	23n59	0n28	22s41	0n48	15n16	5s27	1s10	1s21	1s43		n.a.

Julian Day Number = 1607434.5, Delta T = 03h55m22s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'49, Lahiri = - 8°15'49 Julian Calendar 1 Dec. 313 BCE == Greg. Calendar 26 Nov. 313 BCE

The year -312 astronomical counting style corresponds to year 313 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

JANUARY 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 24 12	7♉ 9'22	17♌44	12♐ 7	4♒45	4°R47	6°R14	11♏42	7°R24	22♐ 6	0°R59	2°R45	3♎18	4♎36	n.a.	M 1
T 2	6 28 9	8°10'15	0♍ 4	13°13	6° 0	4♊36	6♊ 8	11°47	7♋21	22° 8	0♊58	2♎39	3°15	4°42	n.a.	T 2
W 3	6 32 6	9°11'07	12° 9	14°21	7°14	4°26	6° 2	11°52	7°19	22°10	0°58	2°35	3°12	4°49	n.a.	W 3
T 4	6 36 2	10°11'58	24° 3	15°30	8°28	4°16	5°57	11°57	7°16	22°12	0°57	2°33	3° 9	4°56	n.a.	T 4
F 5	6 39 59	11°12'48	5♎52	16°42	9°42	4° 7	5°51	12° 1	7°14	22°14	0°56	2°33	3° 5	5° 2	n.a.	F 5
S 6	6 43 55	12°13'37	17°40	17°56	10°56	3°59	5°46	12° 6	7°11	22°16	0°55	2°33	3° 2	5° 9	n.a.	S 6
S 7	6 47 52	13°14'25	29°33	19°11	12°10	3°52	5°41	12°10	7° 8	22°19	0°54	2°32	2°59	5°16	n.a.	S 7
M 8	6 51 48	14°15'11	11♏37	20°27	13°23	3°46	5°36	12°15	7° 6	22°21	0°53	2°29	2°56	5°22	n.a.	M 8
T 9	6 55 45	15°15'57	23°56	21°45	14°37	3°40	5°31	12°19	7° 3	22°23	0°52	2°24	2°53	5°29	n.a.	T 9
W10	6 59 41	16°16'41	6♐35	23° 5	15°51	3°35	5°27	12°24	7° 1	22°25	0°51	2°15	2°49	5°36	n.a.	W10
T 11	7 3 38	17°17'24	19°35	24°26	17° 5	3°31	5°22	12°28	6°58	22°27	0°51	2° 5	2°46	5°42	n.a.	T 11
F 12	7 7 35	18°18'05	2♑56	25°48	18°19	3°28	5°18	12°32	6°55	22°29	0°50	1°53	2°43	5°49	n.a.	F 12
S 13	7 11 31	19°18'45	16°38	27°11	19°32	3°26	5°14	12°36	6°53	22°31	0°49	1°40	2°40	5°55	n.a.	S 13
S 14	7 15 28	20°19'23	0♒37	28°35	20°46	3°24	5°10	12°40	6°50	22°33	0°48	1°29	2°37	6° 2	n.a.	S 14
M15	7 19 24	21°20'00	14°48	0♑ 0	21°59	3°23	5° 6	12°44	6°48	22°36	0°48	1°19	2°34	6° 9	n.a.	M15
T 16	7 23 21	22°20'35	29° 5	1°27	23°13	3°D23	5° 3	12°48	6°45	22°38	0°47	1°13	2°30	6°15	n.a.	T 16
W17	7 27 17	23°21'07	13♓25	2°54	24°26	3°24	4°59	12°51	6°43	22°40	0°46	1° 9	2°27	6°22	n.a.	W17
T 18	7 31 14	24°21'38	27°42	4°23	25°40	3°25	4°56	12°55	6°40	22°42	0°46	1°D 8	2°24	6°29	n.a.	T 18
F 19	7 35 10	25°22'07	11♈54	5°53	26°53	3°27	4°53	12°59	6°38	22°44	0°45	1° 8	2°21	6°35	n.a.	F 19
S 20	7 39 7	26°22'34	26° 0	7°23	28° 6	3°30	4°51	13° 2	6°36	22°46	0°44	1°R 9	2°18	6°42	n.a.	S 20
S 21	7 43 4	27°22'59	9♉59	8°55	29°20	3°34	4°48	13° 6	6°33	22°48	0°44	1° 8	2°15	6°49	n.a.	S 21
M22	7 47 0	28°23'21	23°50	10°27	0♓33	3°38	4°46	13° 9	6°31	22°49	0°43	1° 5	2°11	6°55	n.a.	M22
T 23	7 50 57	29°23'42	7♊33	12° 1	1°46	3°43	4°43	13°12	6°28	22°51	0°43	1° 0	2° 8	7° 2	n.a.	T 23
W24	7 54 53	0♒24'01	21° 7	13°35	2°59	3°48	4°42	13°15	6°26	22°53	0°42	0°52	2° 5	7° 9	n.a.	W24
T 25	7 58 50	1°24'17	4♋30	15°11	4°12	3°54	4°40	13°18	6°24	22°55	0°42	0°43	2° 2	7°15	n.a.	T 25
F 26	8 2 46	2°24'32	17°40	16°47	5°25	4° 1	4°38	13°21	6°21	22°57	0°41	0°32	1°59	7°22	n.a.	F 26
S 27	8 6 43	3°24'44	0♌37	18°25	6°38	4° 9	4°37	13°24	6°19	22°59	0°41	0°21	1°55	7°29	n.a.	S 27
S 28	8 10 39	4°24'55	13°20	20° 3	7°50	4°17	4°36	13°27	6°17	23° 1	0°40	0°12	1°52	7°35	n.a.	S 28
M29	8 14 36	5°25'03	25°47	21°43	9° 3	4°26	4°35	13°30	6°15	23° 3	0°40	0° 5	1°49	7°42	n.a.	M29
T 30	8 18 33	6°25'10	8♍ 1	23°24	10°16	4°35	4°34	13°32	6°13	23° 4	0°39	29♍59	1°46	7°48	n.a.	T 30
W31	8 22 29	7♒25'15	20♍ 2	25♑ 5	11♓28	4♊45	4♊33	13♏35	6♋11	23♐ 6	0♊39	29♍57	1♎43	7♎55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s32	12n19	3s34	21s26	1n 6	20s53	1s37	24n38	3n21	21n27	0s10	13s36	2n 2	23n59	0n28	22s41	0n48	15n16	5s27	1s 6	1s20	1s44		n.a.
T 2	23 28	9 3	2 43	21 44	0 56	20 34	1 37	24 36	3 20	21 26	0 9	13 37	2 2	23 59	0 28	22 41	0 48	15 16	5 27	1 4	1 18	1 46		n.a.
W 3	23 24	5 27	1 46	22 1	0 47	20 14	1 36	24 34	3 20	21 26	0 9	13 39	2 2	24 0	0 28	22 41	0 48	15 16	5 27	1 2	1 17	1 48		n.a.
T 4	23 20	1 42	0 45	22 18	0 38	19 54	1 35	24 31	3 20	21 25	0 9	13 40	2 2	24 0	0 28	22 42	0 48	15 16	5 27	1 2	1 16	1 50		n.a.
F 5	23 15	2s 5	0n18	22 35	0 29	19 33	1 34	24 29	3 19	21 24	0 9	13 41	2 2	24 0	0 28	22 42	0 48	15 16	5 26	1 2	1 15	1 52		n.a.
S 6	23 10	5 48	1 19	22 51	0 20	19 12	1 33	24 27	3 19	21 23	0 9	13 43	2 2	24 0	0 28	22 42	0 48	15 16	5 26	1 2	1 13	1 54		n.a.
S 7	23 4	9 18	2 18	23 6	0 11	18 50	1 32	24 25	3 18	21 22	0 9	13 44	2 3	24 0	0 28	22 42	0 48	15 16	5 26	1 1	1 12	1 56		n.a.
M 8	22 57	12 28	3 12	23 20	0 3	18 28	1 31	24 24	3 18	21 22	0 8	13 45	2 3	24 0	0 28	22 42	0 48	15 16	5 26	1 0	1 11	1 57		n.a.
T 9	22 51	15 9	3 57	23 34	0s 6	18 5	1 30	24 22	3 17	21 21	0 8	13 46	2 3	24 0	0 28	22 42	0 48	15 16	5 26	0 58	1 9	1 59		n.a.
W10	22 43	17 12	4 32	23 47	0 14	17 42	1 29	24 20	3 16	21 20	0 8	13 48	2 3	24 1	0 28	22 42	0 48	15 16	5 26	0 54	1 8	2 1		n.a.
T 11	22 36	18 25	4 55	23 58	0 22	17 18	1 28	24 19	3 16	21 20	0 8	13 49	2 3	24 1	0 28	22 42	0 48	15 16	5 26	0 50	1 7	2 3		n.a.
F 12	22 28	18 40	5 2	24 9	0 29	16 54	1 26	24 18	3 15	21 19	0 8	13 50	2 3	24 1	0 28	22 43	0 48	15 16	5 25	0 45	1 6	2 5		n.a.
S 13	22 19	17 51	4 52	24 19	0 37	16 29	1 25	24 16	3 14	21 19	0 8	13 51	2 3	24 1	0 28	22 43	0 48	15 16	5 25	0 40	1 4	2 7		n.a.
S 14	22 10	15 58	4 24	24 27	0 44	16 4	1 23	24 15	3 14	21 18	0 7	13 52	2 3	24 1	0 28	22 43	0 48	15 16	5 25	0 36	1 3	2 9		n.a.
M15	22 1	13 5	3 40	24 35	0 51	15 38	1 22	24 14	3 13	21 18	0 7	13 53	2 4	24 1	0 28	22 43	0 48	15 16	5 25	0 32	1 2	2 10		n.a.
T 16	21 51	9 24	2 42	24 41	0 58	15 12	1 20	24 14	3 12	21 17	0 7	13 54	2 4	24 1	0 28	22 43	0 48	15 16	5 25	0 29	1 1	2 12		n.a.
W17	21 41	5 10	1 33	24 46	1 4	14 46	1 18	24 13	3 11	21 17	0 7	13 55	2 4	24 2	0 28	22 43	0 48	15 16	5 25	0 28	0 59	2 14		n.a.
T 18	21 30	0 39	0 18	24 50	1 10	14 19	1 17	24 12	3 10	21 16	0 7	13 56	2 4	24 2	0 28	22 43	0 48	15 16	5 24	0 27	0 58	2 16		n.a.
F 19	21 19	3n53	0s57	24 52	1 16	13 52	1 15	24 12	3 9	21 16	0 7	13 57	2 4	24 2	0 28	22 43	0 48	15 16	5 24	0 27	0 57	2 18		n.a.
S 20	21 8	8 10	2 9	24 53	1 22	13 25	1 13	24 12	3 9	21 15	0 6	13 58	2 4	24 2	0 28	22 43	0 48	15 16	5 24	0 28	0 55	2 20		n.a.
S 21	20 56	11 57	3 12	24 53	1 27	12 57	1 11	24 11	3 8	21 15	0 6	13 59	2 4	24 2	0 28	22 44	0 48	15 16	5 24	0 27	0 54	2 22		n.a.
M22	20 44	15 2	4 3	24 51	1 32	12 29	1 9	24 11	3 7	21 15	0 6	14 0	2 5	24 2	0 28	22 44	0 48	15 16	5 24	0 26	0 53	2 23		n.a.
T 23	20 32	17 14	4 40	24 47	1 37	12 0	1 6	24 11	3 6	21 15	0 6	14 1	2 5	24 2	0 28	22 44	0 48	15 16	5 24	0 24	0 52	2 25		n.a.
W24	20 19	18 26	5 0	24 42	1 41	11 32	1 4	24 12	3 5	21 14	0 6	14 1	2 5	24 2	0 28	22 44	0 48	15 16	5 24	0 21	0 50	2 27		n.a.
T 25	20 5	18 36	5 4	24 36	1 45	11 3	1 2	24 12	3 4	21 14	0 6	14 2	2 5	24 3	0 28	22 44	0 48	15 16	5 23	0 17	0 49	2 29		n.a.
F 26	19 52	17 44	4 51	24 28	1 49	10 34	1 0	24 12	3 3	21 14	0 5	14 3	2 5	24 3	0 28	22 44	0 48	15 16	5 23	0 13	0 48	2 31		n.a.
S 27	19 38	15 58	4 24	24 18	1 52	10 4	0 57	24 13	3 2	21 14	0 5	14 4	2 5	24 3	0 28	22 44	0 48	15 16	5 23	0 9	0 46	2 33		n.a.
S 28	19 23	13 27	3 43	24 6	1 55	9 34	0 55	24 13	3 1	21 14	0 5	14 4	2 6	24 3	0 28	22 44	0 48	15 16	5 23	0 5	0 45	2 34		n.a.
M29	19 9	10 22	2 53	23 53	1 58	9 4	0 52	24 14	3 0	21 14	0 5	14 5	2 6	24 3	0 28	22 44	0 48	15 17	5 23	0 2	0 44	2 36		n.a.
T 30	18 54	6 53	1 55	23 39	2 0	8 34	0 49	24 15	2 59	21 14	0 5	14 6	2 6	24 3	0 28	22 44	0 48	15 17	5 23	0n 0	0 43	2 38		n.a.
W31	18s38	3n11	0s53	23s22	2s 2	8s 4	0s47	24n16	2n58	21n14	0s 5	14s 6	2n 6	24n 3	0n28	22s44	0n48	15n17	5s22	0n 1	0s41	2s40		n.a.

Julian Day Number = 1607465.5, Delta T = 03h55m21s
Ecliptic obliquity = 23°43'49, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'45, Lahiri = - 8°15'45 Julian Calendar 1 Jan. 312 BCE == Greg. Calendar 27 Dec. 313 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

FEBRUARY 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 26	8♒25'18	1♎55	26♉48	12♓41	4♊55	4°R33	13♏37	6°R 8	23♐ 8	0°R38	29°D57	1♎40	8♎ 2	n.a.	T 1
F 2	8 30 22	9°25'20	13°44	28°32	13°53	5° 6	4♊33	13°40	6♋ 6	23°10	0♊38	29♍57	1°36	8° 8	n.a.	F 2
S 3	8 34 19	10°25'19	25°32	0♒17	15° 6	5°18	4°D32	13°42	6° 4	23°11	0°38	29°59	1°33	8°15	n.a.	S 3
S 4	8 38 15	11°25'17	7♏25	2° 3	16°18	5°30	4°33	13°44	6° 2	23°13	0°37	29°R59	1°30	8°22	n.a.	S 4
M 5	8 42 12	12°25'13	19°28	3°50	17°30	5°43	4°33	13°46	6° 0	23°15	0°37	29°59	1°27	8°28	n.a.	M 5
T 6	8 46 8	13°25'07	1♐47	5°38	18°42	5°56	4°34	13°48	5°58	23°16	0°37	29°57	1°24	8°35	n.a.	T 6
W 7	8 50 5	14°25'00	14°26	7°28	19°54	6° 9	4°34	13°50	5°57	23°18	0°37	29°54	1°20	8°42	n.a.	W 7
T 8	8 54 2	15°24'51	27°28	9°18	21° 6	6°24	4°35	13°52	5°55	23°19	0°36	29°48	1°17	8°48	n.a.	T 8
F 9	8 57 58	16°24'40	10♉55	11°10	22°18	6°38	4°37	13°53	5°53	23°21	0°36	29°41	1°14	8°55	n.a.	F 9
S 10	9 1 55	17°24'27	24°48	13° 3	23°30	6°53	4°38	13°55	5°51	23°23	0°36	29°34	1°11	9° 2	n.a.	S 10
S 11	9 5 51	18°24'12	9♒ 3	14°57	24°41	7° 9	4°39	13°56	5°49	23°24	0°36	29°27	1° 8	9° 8	n.a.	S 11
M12	9 9 48	19°23'55	23°35	16°52	25°53	7°25	4°41	13°58	5°48	23°26	0°36	29°22	1° 5	9°15	n.a.	M12
T 13	9 13 44	20°23'35	8♓18	18°48	27° 5	7°41	4°43	13°59	5°46	23°27	0°36	29°18	1° 1	9°21	n.a.	T 13
W14	9 17 41	21°23'14	23° 4	20°45	28°16	7°58	4°45	14° 0	5°44	23°28	0°36	29°D17	0°58	9°28	n.a.	W14
T 15	9 21 37	22°22'50	7♈45	22°43	29°27	8°15	4°47	14° 1	5°43	23°30	0°36	29°17	0°55	9°35	n.a.	T 15
F 16	9 25 34	23°22'24	22°18	24°42	0♈38	8°33	4°50	14° 2	5°41	23°31	0°36	29°18	0°52	9°41	n.a.	F 16
S 17	9 29 31	24°21'55	6♉37	26°41	1°50	8°51	4°53	14° 3	5°40	23°32	0°D36	29°20	0°49	9°48	n.a.	S 17
S 18	9 33 27	25°21'24	20°41	28°42	3° 1	9°10	4°56	14° 4	5°38	23°34	0°36	29°R20	0°46	9°55	n.a.	S 18
M19	9 37 24	26°20'51	4♊29	0♓43	4°12	9°29	4°59	14° 5	5°37	23°35	0°36	29°20	0°42	10° 1	n.a.	M19
T 20	9 41 20	27°20'15	18° 1	2°44	5°22	9°48	5° 2	14° 5	5°36	23°36	0°36	29°19	0°39	10° 8	n.a.	T 20
W21	9 45 17	28°19'37	1♋18	4°45	6°33	10° 8	5° 5	14° 6	5°34	23°38	0°36	29°16	0°36	10°15	n.a.	W21
T 22	9 49 13	29°18'56	14°20	6°46	7°44	10°28	5° 9	14° 6	5°33	23°39	0°36	29°11	0°33	10°21	n.a.	T 22
F 23	9 53 10	0♓18'13	27° 8	8°47	8°54	10°48	5°13	14° 6	5°32	23°40	0°36	29° 6	0°30	10°28	n.a.	F 23
S 24	9 57 6	1°17'28	9♌44	10°47	10° 4	11° 9	5°17	14° 7	5°31	23°41	0°36	29° 2	0°26	10°35	n.a.	S 24
S 25	10 1 3	2°16'40	22° 8	12°47	11°15	11°30	5°21	14°R 7	5°30	23°42	0°36	28°58	0°23	10°41	n.a.	S 25
M26	10 4 59	3°15'50	4♍21	14°44	12°25	11°51	5°25	14° 7	5°29	23°43	0°37	28°54	0°20	10°48	n.a.	M26
T 27	10 8 56	4°14'58	16°24	16°40	13°35	12°13	5°29	14° 7	5°28	23°44	0°37	28°52	0°17	10°55	n.a.	T 27
W28	10 12 53	5♓14'04	28♍20	18♓34	14♈45	12♊35	5♊34	14♏ 6	5♋27	23♐45	0♊37	28°D52	0♎14	11♎ 1	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s23	0s37	0n11	23s 4	2s 3	7s33	0s44	24n17	2n57	21n14	0s 5	14s 7	2n 6	24n 3	0n28	22s45	0n48	15n17	5s22	0n 1	0s40	2s42		n.a.
F 2	18 7	4 21	1 14	22 44	2 4	7 3	0 41	24 18	2 56	21 14	0 4	14 7	2 6	24 3	0 28	22 45	0 48	15 17	5 22	0 1	0 39	2 44		n.a.
S 3	17 50	7 55	2 14	22 22	2 5	6 32	0 38	24 19	2 55	21 14	0 4	14 8	2 7	24 3	0 28	22 45	0 48	15 17	5 22	0 1	0 38	2 46		n.a.
S 4	17 34	11 11	3 9	21 58	2 5	6 1	0 35	24 20	2 54	21 14	0 4	14 8	2 7	24 4	0 28	22 45	0 48	15 17	5 22	0 0	0 36	2 47		n.a.
M 5	17 17	14 2	3 56	21 32	2 4	5 30	0 32	24 22	2 53	21 15	0 4	14 9	2 7	24 4	0 28	22 45	0 49	15 17	5 22	0 0	0 35	2 49		n.a.
T 6	17 0	16 19	4 33	21 5	2 3	4 58	0 29	24 23	2 52	21 15	0 4	14 9	2 7	24 4	0 28	22 45	0 49	15 17	5 21	0 1	0 34	2 51		n.a.
W 7	16 42	17 52	4 58	20 36	2 2	4 27	0 26	24 25	2 51	21 15	0 4	14 10	2 7	24 4	0 28	22 45	0 49	15 17	5 21	0 3	0 32	2 53		n.a.
T 8	16 25	18 33	5 9	20 5	2 0	3 55	0 23	24 26	2 50	21 15	0 4	14 10	2 7	24 4	0 28	22 45	0 49	15 18	5 21	0 5	0 31	2 55		n.a.
F 9	16 7	18 14	5 4	19 31	1 58	3 24	0 20	24 28	2 49	21 16	0 3	14 10	2 8	24 4	0 28	22 45	0 49	15 18	5 21	0 8	0 30	2 57		n.a.
S 10	15 48	16 50	4 40	18 56	1 55	2 52	0 17	24 29	2 48	21 16	0 3	14 11	2 8	24 4	0 28	22 45	0 49	15 18	5 21	0 10	0 29	2 58		n.a.
S 11	15 30	14 22	3 59	18 20	1 52	2 20	0 13	24 31	2 47	21 17	0 3	14 11	2 8	24 4	0 28	22 45	0 49	15 18	5 20	0 13	0 27	3 0		n.a.
M12	15 11	10 58	3 2	17 41	1 48	1 49	0 10	24 33	2 46	21 17	0 3	14 11	2 8	24 4	0 28	22 45	0 49	15 18	5 20	0 15	0 26	3 2		n.a.
T 13	14 52	6 50	1 52	17 0	1 43	1 17	0 7	24 35	2 45	21 18	0 3	14 11	2 8	24 4	0 28	22 45	0 49	15 18	5 20	0 17	0 25	3 4		n.a.
W14	14 33	2 16	0 34	16 18	1 38	0 45	0 3	24 36	2 44	21 18	0 3	14 12	2 8	24 4	0 28	22 46	0 49	15 18	5 20	0 17	0 23	3 6		n.a.
T 15	14 13	2n25	0s46	15 34	1 33	0 13	0n 0	24 38	2 43	21 19	0 3	14 12	2 9	24 4	0 28	22 46	0 49	15 19	5 20	0 17	0 22	3 8		n.a.
F 16	13 54	6 54	2 2	14 48	1 26	0n19	0 4	24 40	2 42	21 19	0 2	14 12	2 9	24 4	0 28	22 46	0 49	15 19	5 20	0 17	0 21	3 9		n.a.
S 17	13 34	10 54	3 10	14 1	1 19	0 51	0 7	24 42	2 41	21 20	0 2	14 12	2 9	24 4	0 28	22 46	0 49	15 19	5 19	0 16	0 20	3 11		n.a.
S 18	13 13	14 13	4 5	13 12	1 12	1 22	0 11	24 44	2 41	21 21	0 2	14 12	2 9	24 4	0 28	22 46	0 49	15 19	5 19	0 16	0 18	3 13		n.a.
M19	12 53	16 39	4 44	12 21	1 4	1 54	0 14	24 46	2 40	21 21	0 2	14 12	2 9	24 5	0 28	22 46	0 49	15 19	5 19	0 16	0 17	3 15		n.a.
T 20	12 33	18 5	5 7	11 29	0 55	2 26	0 18	24 48	2 39	21 22	0 2	14 12	2 9	24 5	0 28	22 46	0 49	15 19	5 19	0 17	0 16	3 17		n.a.
W21	12 12	18 31	5 13	10 36	0 46	2 57	0 21	24 50	2 38	21 23	0 2	14 12	2 10	24 5	0 28	22 46	0 49	15 20	5 19	0 18	0 14	3 19		n.a.
T 22	11 51	17 57	5 2	9 42	0 37	3 29	0 25	24 52	2 37	21 24	0 2	14 12	2 10	24 5	0 28	22 46	0 49	15 20	5 19	0 20	0 13	3 20		n.a.
F 23	11 30	16 28	4 37	8 47	0 26	4 1	0 29	24 54	2 36	21 24	0 1	14 12	2 10	24 5	0 28	22 46	0 49	15 20	5 18	0 22	0 12	3 22		n.a.
S 24	11 9	14 13	3 58	7 51	0 16	4 32	0 32	24 56	2 35	21 25	0 1	14 12	2 10	24 5	0 28	22 46	0 49	15 20	5 18	0 23	0 11	3 24		n.a.
S 25	10 47	11 20	3 8	6 55	0 5	5 3	0 36	24 58	2 34	21 26	0 1	14 12	2 10	24 5	0 28	22 46	0 49	15 20	5 18	0 25	0 9	3 26		n.a.
M26	10 26	8 0	2 11	5 59	0n 7	5 34	0 40	25 0	2 33	21 27	0 1	14 12	2 10	24 5	0 28	22 46	0 49	15 21	5 18	0 26	0 8	3 28		n.a.
T 27	10 4	4 23	1 8	5 2	0 19	6 5	0 44	25 3	2 32	21 28	0 1	14 11	2 11	24 5	0 28	22 46	0 49	15 21	5 18	0 27	0 7	3 30		n.a.
W28	9s42	0n38	0s 3	4s 6	0n30	6n36	0n47	25n 5	2n31	21n29	0s 1	14s11	2n11	24n 5	0n28	22s46	0n49	15n21	5s17	0n27	0s 6	3s32		n.a.

Julian Day Number = 1607496.5, Delta T = 03h55m20s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'41, Lahiri = - 8°15'40 Julian Calendar 1 Feb. 312 BCE == Greg. Calendar 27 Jan. 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

MARCH 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 16 49	6♓13'08	10♎10	20♓26	15♈54	12♊57	5♊39	14°R 6	5°R26	23♐46	0♊37	28♍52	0♎11	11♎ 8	n.a.	T 1
F 2	10 20 46	7°12'09	21°58	22°14	17° 4	13°20	5°44	14♏ 6	5♋25	23°47	0°38	28°53	0° 7	11°14	n.a.	F 2
S 3	10 24 42	8°11'09	3♏46	23°59	18°13	13°43	5°49	14° 5	5°24	23°48	0°38	28°55	0° 4	11°21	n.a.	S 3
S 4	10 28 39	9°10'07	15°40	25°41	19°23	14° 6	5°54	14° 5	5°23	23°49	0°38	28°57	0° 1	11°28	n.a.	S 4
M 5	10 32 35	10° 9'03	27°43	27°18	20°32	14°29	6° 0	14° 4	5°23	23°50	0°39	28°58	29♍58	11°34	n.a.	M 5
T 6	10 36 32	11° 7'58	10♐ 0	28°51	21°41	14°53	6° 5	14° 3	5°22	23°51	0°39	28°R58	29°55	11°41	n.a.	T 6
W 7	10 40 28	12° 6'50	22°36	0♈20	22°50	15°17	6°11	14° 2	5°21	23°52	0°39	28°58	29°52	11°48	n.a.	W 7
T 8	10 44 25	13° 5'41	5♑34	1°43	23°59	15°41	6°17	14° 1	5°21	23°52	0°40	28°57	29°48	11°54	n.a.	T 8
F 9	10 48 22	14° 4'29	18°59	3° 2	25° 7	16° 6	6°23	14° 0	5°20	23°53	0°40	28°55	29°45	12° 1	n.a.	F 9
S 10	10 52 18	15° 3'16	2♒50	4°15	26°16	16°30	6°29	13°59	5°20	23°54	0°41	28°54	29°42	12° 8	n.a.	S 10
S 11	10 56 15	16° 2'01	17° 7	5°22	27°24	16°55	6°35	13°58	5°20	23°55	0°41	28°52	29°39	12°14	n.a.	S 11
M12	11 0 11	17° 0'45	1♓46	6°24	28°32	17°21	6°42	13°56	5°19	23°55	0°42	28°51	29°36	12°21	n.a.	M12
T 13	11 4 8	17°59'26	16°42	7°20	29°41	17°46	6°49	13°55	5°19	23°56	0°42	28°50	29°32	12°28	n.a.	T 13
W14	11 8 4	18°58'05	1♈46	8° 9	0♉48	18°12	6°55	13°53	5°19	23°56	0°43	28°D50	29°29	12°34	n.a.	W14
T 15	11 12 1	19°56'41	16°50	8°53	1°56	18°38	7° 2	13°52	5°19	23°57	0°43	28°50	29°26	12°41	n.a.	T 15
F 16	11 15 57	20°55'16	1♉45	9°31	3° 4	19° 4	7° 9	13°50	5°18	23°57	0°44	28°51	29°23	12°48	n.a.	F 16
S 17	11 19 54	21°53'49	16°24	10° 3	4°11	19°30	7°17	13°48	5°18	23°58	0°45	28°51	29°20	12°54	n.a.	S 17
S 18	11 23 50	22°52'19	0♊42	10°28	5°18	19°57	7°24	13°46	5°D18	23°58	0°45	28°52	29°17	13° 1	n.a.	S 18
M19	11 27 47	23°50'47	14°38	10°47	6°25	20°24	7°32	13°44	5°18	23°59	0°46	28°52	29°13	13° 8	n.a.	M19
T 20	11 31 44	24°49'13	28°10	11° 0	7°32	20°51	7°39	13°42	5°18	23°59	0°47	28°R52	29°10	13°14	n.a.	T 20
W21	11 35 40	25°47'36	11♋21	11° 7	8°39	21°18	7°47	13°40	5°19	24° 0	0°47	28°52	29° 7	13°21	n.a.	W21
T 22	11 39 37	26°45'58	24°12	11°R 8	9°45	21°45	7°55	13°38	5°19	24° 0	0°48	28°52	29° 4	13°27	n.a.	T 22
F 23	11 43 33	27°44'17	6♌46	11° 4	10°51	22°13	8° 3	13°36	5°19	24° 0	0°49	28°52	29° 1	13°34	n.a.	F 23
S 24	11 47 30	28°42'34	19° 6	10°54	11°57	22°41	8°11	13°33	5°19	24° 0	0°50	28°D52	28°57	13°41	n.a.	S 24
S 25	11 51 26	29°40'48	1♍15	10°38	13° 3	23° 9	8°19	13°31	5°20	24° 1	0°50	28°52	28°54	13°47	n.a.	S 25
M26	11 55 23	0♈39'01	13°16	10°18	14° 9	23°37	8°28	13°28	5°20	24° 1	0°51	28°52	28°51	13°54	n.a.	M26
T 27	11 59 19	1°37'12	25°10	9°54	15°14	24° 5	8°36	13°26	5°21	24° 1	0°52	28°R52	28°48	14° 1	n.a.	T 27
W28	12 3 16	2°35'21	7♎ 0	9°26	16°19	24°33	8°45	13°23	5°21	24° 1	0°53	28°52	28°45	14° 7	n.a.	W28
T 29	12 7 12	3°33'28	18°48	8°54	17°24	25° 2	8°54	13°20	5°22	24° 1	0°54	28°51	28°42	14°14	n.a.	T 29
F 30	12 11 9	4°31'33	0♏37	8°20	18°29	25°31	9° 2	13°17	5°22	24° 1	0°55	28°51	28°38	14°21	n.a.	F 30
S 31	12 15 6	5♈29'37	12♏29	7♈44	19♉33	26♊ 0	9♊11	13♏14	5♋23	24°R 1	0♊55	28♍50	28♍35	14♎27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s20	3s 7	1n 2	3s11	0n43	7n 7	0n51	25n 7	2n30	21n30	0s 1	14s11	2n11	24n 5	0n28	22s46	0n49	15n21	5s17	0n27	0s 4	3s33		n.a.
F 2	8 58	6 44	2 4	2 17	0 55	7 38	0 55	25 9	2 29	21 31	0 1	14 11	2 11	24 5	0 28	22 46	0 49	15 22	5 17	0 27	0 3	3 35		n.a.
S 3	8 36	10 5	3 1	1 24	1 7	8 8	0 59	25 11	2 28	21 32	0 0	14 10	2 11	24 5	0 28	22 46	0 49	15 22	5 17	0 26	0 2	3 37		n.a.
S 4	8 14	13 3	3 51	0 32	1 19	8 38	1 3	25 13	2 27	21 33	0 0	14 10	2 11	24 5	0 28	22 46	0 49	15 22	5 17	0 25	0 0	3 39		n.a.
M 5	7 51	15 29	4 31	0n18	1 31	9 8	1 6	25 14	2 26	21 34	0 0	14 10	2 11	24 5	0 28	22 46	0 49	15 22	5 17	0 25	0n 1	3 41		n.a.
T 6	7 29	17 17	5 0	1 6	1 43	9 38	1 10	25 16	2 26	21 35	0 0	14 9	2 12	24 5	0 28	22 46	0 49	15 23	5 16	0 25	0 2	3 42		n.a.
W 7	7 6	18 17	5 15	1 52	1 54	10 8	1 14	25 18	2 25	21 36	0n 0	14 9	2 12	24 5	0 28	22 46	0 49	15 23	5 16	0 25	0 3	3 44		n.a.
T 8	6 43	18 22	5 15	2 36	2 5	10 37	1 18	25 20	2 24	21 37	0 0	14 9	2 12	24 5	0 28	22 46	0 49	15 23	5 16	0 25	0 5	3 46		n.a.
F 9	6 20	17 27	4 58	3 17	2 15	11 6	1 22	25 22	2 23	21 39	0 0	14 8	2 12	24 5	0 28	22 46	0 49	15 23	5 16	0 26	0 6	3 48		n.a.
S 10	5 57	15 30	4 23	3 55	2 25	11 35	1 25	25 24	2 22	21 40	0 0	14 8	2 12	24 5	0 28	22 46	0 49	15 24	5 16	0 27	0 7	3 50		n.a.
S 11	5 34	12 32	3 31	4 30	2 34	12 3	1 29	25 25	2 21	21 41	0 1	14 7	2 12	24 5	0 28	22 46	0 49	15 24	5 16	0 27	0 9	3 52		n.a.
M12	5 11	8 43	2 25	5 3	2 42	12 32	1 33	25 27	2 20	21 42	0 1	14 7	2 13	24 5	0 28	22 46	0 49	15 24	5 15	0 28	0 10	3 53		n.a.
T 13	4 48	4 17	1 7	5 32	2 50	13 0	1 37	25 28	2 19	21 43	0 1	14 6	2 13	24 5	0 28	22 46	0 49	15 24	5 15	0 28	0 11	3 55		n.a.
W14	4 25	0n28	0s16	5 58	2 56	13 27	1 40	25 30	2 19	21 45	0 1	14 5	2 13	24 5	0 28	22 46	0 49	15 25	5 15	0 28	0 12	3 57		n.a.
T 15	4 2	5 11	1 38	6 20	3 2	13 55	1 44	25 31	2 18	21 46	0 1	14 5	2 13	24 5	0 28	22 46	0 49	15 25	5 15	0 28	0 14	3 59		n.a.
F 16	3 38	9 31	2 53	6 40	3 6	14 22	1 48	25 33	2 17	21 47	0 1	14 4	2 13	24 5	0 28	22 46	0 49	15 25	5 15	0 28	0 15	4 1		n.a.
S 17	3 15	13 12	3 55	6 55	3 10	14 49	1 51	25 34	2 16	21 49	0 1	14 3	2 13	24 5	0 28	22 46	0 49	15 26	5 15	0 28	0 16	4 3		n.a.
S 18	2 52	15 58	4 40	7 7	3 12	15 15	1 55	25 35	2 15	21 50	0 1	14 3	2 13	24 5	0 28	22 46	0 49	15 26	5 14	0 27	0 17	4 4		n.a.
M19	2 28	17 44	5 8	7 16	3 13	15 41	1 58	25 37	2 14	21 51	0 2	14 2	2 14	24 5	0 28	22 46	0 49	15 26	5 14	0 27	0 19	4 6		n.a.
T 20	2 5	18 25	5 18	7 21	3 13	16 7	2 2	25 38	2 13	21 53	0 2	14 1	2 14	24 5	0 28	22 46	0 49	15 26	5 14	0 27	0 20	4 8		n.a.
W21	1 42	18 5	5 10	7 22	3 11	16 32	2 5	25 39	2 13	21 54	0 2	14 0	2 14	24 5	0 28	22 46	0 49	15 27	5 14	0 27	0 21	4 10		n.a.
T 22	1 18	16 49	4 47	7 20	3 8	16 57	2 9	25 40	2 12	21 56	0 2	14 0	2 14	24 5	0 28	22 46	0 49	15 27	5 14	0 27	0 23	4 12		n.a.
F 23	0 55	14 45	4 11	7 14	3 4	17 21	2 12	25 41	2 11	21 57	0 2	13 59	2 14	24 5	0 27	22 46	0 49	15 27	5 14	0 28	0 24	4 14		n.a.
S 24	0 31	12 3	3 24	7 5	2 58	17 45	2 16	25 41	2 10	21 58	0 2	13 58	2 14	24 5	0 27	22 46	0 49	15 28	5 13	0 28	0 25	4 15		n.a.
S 25	0 8	8 52	2 28	6 53	2 51	18 9	2 19	25 42	2 9	22 0	0 2	13 57	2 14	24 5	0 27	22 46	0 49	15 28	5 13	0 28	0 26	4 17		n.a.
M26	0n16	5 20	1 26	6 37	2 43	18 32	2 22	25 43	2 9	22 1	0 2	13 56	2 14	24 5	0 27	22 46	0 49	15 28	5 13	0 27	0 28	4 19		n.a.
T 27	0 39	1 38	0 21	6 19	2 33	18 55	2 25	25 43	2 8	22 3	0 2	13 55	2 14	24 5	0 27	22 46	0 49	15 29	5 13	0 27	0 29	4 21		n.a.
W28	1 3	2s 7	0n45	5 57	2 22	19 17	2 29	25 44	2 7	22 4	0 3	13 54	2 15	24 5	0 27	22 46	0 49	15 29	5 13	0 27	0 30	4 23		n.a.
T 29	1 26	5 47	1 49	5 33	2 10	19 39	2 32	25 44	2 6	22 6	0 3	13 54	2 15	24 5	0 27	22 46	0 49	15 29	5 13	0 28	0 32	4 24		n.a.
F 30	1 49	9 13	2 48	5 8	1 57	20 1	2 35	25 44	2 5	22 7	0 3	13 53	2 15	24 5	0 27	22 46	0 49	15 30	5 13	0 28	0 33	4 26		n.a.
S 31	2n12	12s17	3n39	4n40	1n42	20n22	2n38	25n45	2n 5	22n 9	0n 3	13s52	2n15	24n 5	0n27	22s46	0n49	15n30	5s12	0n28	0n34	4s28		n.a.

Julian Day Number = 1607524.5, Delta T = 03h55m19s
Ecliptic obliquity = 23°43'50, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'37, Lahiri = - 8°15'37 Julian Calendar 1 March 312 BCE == Greg. Calendar 24 Feb. 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

APRIL 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 19 2	6♈27'39	24♏26	7°R 6	20♉37	26♊29	9♊21	13°R11	5♋24	24°R 1	0♊56	28°R49	28♍32	14♎34	n.a.	S 1
M 2	12 22 59	7°25'40	6♐32	6♈27	21°41	26°58	9°30	13♏ 8	5°25	24♐ 1	0°57	28♍48	28°29	14°41	n.a.	M 2
T 3	12 26 55	8°23'39	18°51	5°49	22°45	27°28	9°39	13° 5	5°25	24° 1	0°58	28°47	28°26	14°47	n.a.	T 3
W 4	12 30 52	9°21'37	1♑26	5°11	23°48	27°57	9°48	13° 2	5°26	24° 1	0°59	28°47	28°23	14°54	n.a.	W 4
T 5	12 34 48	10°19'33	14°20	4°35	24°51	28°27	9°58	12°58	5°27	24° 1	1° 0	28°D47	28°19	15° 1	n.a.	T 5
F 6	12 38 45	11°17'28	27°37	4° 0	25°54	28°57	10° 8	12°55	5°28	24° 1	1° 1	28°47	28°16	15° 7	n.a.	F 6
S 7	12 42 41	12°15'21	11♒19	3°28	26°57	29°27	10°17	12°52	5°29	24° 0	1° 2	28°48	28°13	15°14	n.a.	S 7
S 8	12 46 38	13°13'14	25°28	2°59	27°59	29°57	10°27	12°48	5°30	24° 0	1° 3	28°49	28°10	15°21	n.a.	S 8
M 9	12 50 35	14°11'04	10♓ 1	2°33	29° 1	0♋27	10°37	12°45	5°32	24° 0	1° 4	28°50	28° 7	15°27	n.a.	M 9
T 10	12 54 31	15° 8'54	24°54	2°12	0♊ 2	0°58	10°47	12°41	5°33	24° 0	1° 5	28°R50	28° 3	15°34	n.a.	T 10
W11	12 58 28	16° 6'42	10♈ 2	1°54	1° 4	1°28	10°57	12°37	5°34	23°59	1° 6	28°50	28° 0	15°40	n.a.	W11
T 12	13 2 24	17° 4'28	25°14	1°40	2° 5	1°59	11° 8	12°34	5°35	23°59	1° 7	28°49	27°57	15°47	n.a.	T 12
F 13	13 6 21	18° 2'13	10♉22	1°31	3° 5	2°30	11°18	12°30	5°37	23°59	1° 9	28°47	27°54	15°54	n.a.	F 13
S 14	13 10 17	18°59'56	25°16	1°26	4° 5	3° 1	11°28	12°26	5°38	23°58	1°10	28°45	27°51	16° 0	n.a.	S 14
S 15	13 14 14	19°57'38	9♊49	1°D26	5° 5	3°32	11°39	12°22	5°39	23°58	1°11	28°42	27°48	16° 7	n.a.	S 15
M16	13 18 10	20°55'18	23°56	1°30	6° 5	4° 3	11°49	12°18	5°41	23°57	1°12	28°40	27°44	16°14	n.a.	M16
T 17	13 22 7	21°52'57	7♋36	1°39	7° 4	4°34	12° 0	12°14	5°43	23°57	1°13	28°38	27°41	16°20	n.a.	T 17
W18	13 26 4	22°50'33	20°49	1°53	8° 3	5° 6	12°11	12°10	5°44	23°56	1°14	28°D37	27°38	16°27	n.a.	W18
T 19	13 30 0	23°48'09	3♌38	2°10	9° 1	5°37	12°22	12° 6	5°46	23°56	1°16	28°38	27°35	16°34	n.a.	T 19
F 20	13 33 57	24°45'42	16° 7	2°33	9°59	6° 9	12°32	12° 2	5°47	23°55	1°17	28°39	27°32	16°40	n.a.	F 20
S 21	13 37 53	25°43'14	28°19	2°59	10°56	6°41	12°43	11°58	5°49	23°54	1°18	28°41	27°28	16°47	n.a.	S 21
S 22	13 41 50	26°40'44	10♍20	3°30	11°53	7°13	12°54	11°54	5°51	23°54	1°19	28°42	27°25	16°54	n.a.	S 22
M23	13 45 46	27°38'13	22°13	4° 5	12°49	7°45	13° 6	11°50	5°53	23°53	1°20	28°43	27°22	17° 0	n.a.	M23
T 24	13 49 43	28°35'41	4♎ 2	4°44	13°45	8°17	13°17	11°46	5°55	23°52	1°22	28°R43	27°19	17° 7	n.a.	T 24
W25	13 53 39	29°33'07	15°49	5°27	14°41	8°49	13°28	11°41	5°57	23°51	1°23	28°42	27°16	17°14	n.a.	W25
T 26	13 57 36	0♉30'32	27°38	6°13	15°36	9°21	13°39	11°37	5°59	23°51	1°24	28°39	27°13	17°20	n.a.	T 26
F 27	14 1 32	1°27'56	9♏31	7° 3	16°30	9°54	13°51	11°33	6° 1	23°50	1°26	28°35	27° 9	17°27	n.a.	F 27
S 28	14 5 29	2°25'19	21°29	7°57	17°24	10°26	14° 2	11°28	6° 3	23°49	1°27	28°29	27° 6	17°34	n.a.	S 28
S 29	14 9 26	3°22'41	3♐35	8°53	18°17	10°59	14°14	11°24	6° 5	23°48	1°28	28°23	27° 3	17°40	n.a.	S 29
M30	14 13 22	4♉20'03	15♐50	9♈54	19♊10	11♋32	14♊26	11♏20	6♋ 7	23♐47	1♊29	28♍17	27♍ 0	17♎47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n36	14s52	4n22	4n11	1n27	20n42	2n41	25n45	2n 4	22n10	0n 3	13s51	2n15	24n 4	0n27	22s46	0n49	15n30	5s12	0n29	0n35	4s30		n.a.
M 2	2 59	16 50	4 54	3 41	1 11	21 2	2 43	25 45	2 3	22 12	0 3	13 50	2 15	24 4	0 27	22 46	0 49	15 31	5 12	0 29	0 37	4 32		n.a.
T 3	3 22	18 4	5 13	3 11	0 55	21 21	2 46	25 45	2 2	22 13	0 3	13 49	2 15	24 4	0 27	22 46	0 49	15 31	5 12	0 29	0 38	4 33		n.a.
W 4	3 45	18 26	5 17	2 40	0 38	21 40	2 49	25 44	2 1	22 15	0 3	13 47	2 15	24 4	0 27	22 46	0 49	15 31	5 12	0 29	0 39	4 35		n.a.
T 5	4 8	17 53	5 6	2 10	0 22	21 59	2 51	25 44	2 1	22 16	0 3	13 46	2 15	24 4	0 27	22 46	0 49	15 32	5 12	0 30	0 41	4 37		n.a.
F 6	4 31	16 21	4 38	1 41	0 5	22 17	2 54	25 43	2 0	22 18	0 3	13 45	2 15	24 4	0 27	22 46	0 49	15 32	5 11	0 29	0 42	4 39		n.a.
S 7	4 54	13 50	3 54	1 13	0s12	22 34	2 56	25 43	1 59	22 19	0 4	13 44	2 15	24 4	0 27	22 46	0 49	15 32	5 11	0 29	0 43	4 41		n.a.
S 8	5 17	10 27	2 55	0 46	0 29	22 51	2 59	25 42	1 58	22 21	0 4	13 43	2 16	24 4	0 27	22 46	0 49	15 33	5 11	0 29	0 44	4 43		n.a.
M 9	5 40	6 20	1 43	0 21	0 45	23 7	3 1	25 41	1 58	22 22	0 4	13 42	2 16	24 4	0 27	22 46	0 49	15 33	5 11	0 28	0 46	4 44		n.a.
T 10	6 2	1 43	0 22	0s 3	1 1	23 23	3 3	25 40	1 57	22 24	0 4	13 41	2 16	24 4	0 27	22 46	0 49	15 33	5 11	0 28	0 47	4 46		n.a.
W11	6 25	3n 5	1s 2	0 24	1 16	23 38	3 5	25 39	1 56	22 25	0 4	13 40	2 16	24 4	0 27	22 46	0 49	15 34	5 11	0 28	0 48	4 48		n.a.
T 12	6 47	7 42	2 21	0 42	1 30	23 53	3 7	25 38	1 55	22 27	0 4	13 38	2 16	24 4	0 27	22 46	0 49	15 34	5 11	0 28	0 49	4 50		n.a.
F 13	7 9	11 47	3 30	0 58	1 43	24 7	3 9	25 37	1 55	22 29	0 4	13 37	2 16	24 4	0 27	22 46	0 49	15 34	5 11	0 29	0 51	4 52		n.a.
S 14	7 32	15 3	4 24	1 12	1 56	24 20	3 10	25 36	1 54	22 30	0 4	13 36	2 16	24 4	0 27	22 46	0 49	15 35	5 10	0 30	0 52	4 53		n.a.
S 15	7 54	17 16	4 59	1 23	2 8	24 33	3 12	25 34	1 53	22 32	0 4	13 35	2 16	24 4	0 27	22 46	0 50	15 35	5 10	0 31	0 53	4 55		n.a.
M16	8 16	18 21	5 14	1 31	2 19	24 45	3 13	25 32	1 52	22 33	0 5	13 34	2 16	24 3	0 27	22 46	0 50	15 35	5 10	0 32	0 55	4 57		n.a.
T 17	8 38	18 19	5 12	1 36	2 29	24 57	3 15	25 31	1 52	22 35	0 5	13 32	2 16	24 3	0 27	22 46	0 50	15 36	5 10	0 33	0 56	4 59		n.a.
W18	8 59	17 17	4 52	1 39	2 38	25 8	3 16	25 29	1 51	22 36	0 5	13 31	2 16	24 3	0 27	22 46	0 50	15 36	5 10	0 33	0 57	5 1		n.a.
T 19	9 21	15 23	4 19	1 40	2 46	25 19	3 17	25 27	1 50	22 38	0 5	13 30	2 16	24 3	0 27	22 46	0 50	15 36	5 10	0 33	0 58	5 2		n.a.
F 20	9 42	12 48	3 34	1 37	2 53	25 29	3 18	25 24	1 49	22 39	0 5	13 28	2 16	24 3	0 27	22 46	0 50	15 37	5 10	0 33	1 0	5 4		n.a.
S 21	10 3	9 42	2 40	1 32	2 59	25 38	3 19	25 22	1 49	22 41	0 5	13 27	2 16	24 3	0 27	22 46	0 50	15 37	5 9	0 32	1 1	5 6		n.a.
S 22	10 25	6 15	1 39	1 25	3 5	25 47	3 20	25 20	1 48	22 42	0 5	13 26	2 16	24 3	0 27	22 46	0 50	15 38	5 9	0 31	1 2	5 8		n.a.
M23	10 46	2 35	0 36	1 15	3 9	25 55	3 20	25 17	1 47	22 44	0 5	13 25	2 16	24 3	0 27	22 46	0 50	15 38	5 9	0 31	1 4	5 10		n.a.
T 24	11 6	1s10	0n29	1 2	3 13	26 3	3 21	25 14	1 47	22 45	0 5	13 23	2 16	24 3	0 27	22 46	0 50	15 38	5 9	0 31	1 5	5 11		n.a.
W25	11 27	4 53	1 32	0 48	3 16	26 10	3 21	25 12	1 46	22 47	0 5	13 22	2 16	24 3	0 27	22 46	0 50	15 39	5 9	0 31	1 6	5 13		n.a.
T 26	11 47	8 24	2 32	0 31	3 17	26 16	3 21	25 9	1 45	22 48	0 6	13 21	2 16	24 3	0 27	22 46	0 50	15 39	5 9	0 33	1 7	5 15		n.a.
F 27	12 8	11 36	3 25	0 12	3 18	26 22	3 21	25 6	1 44	22 50	0 6	13 19	2 16	24 2	0 27	22 45	0 50	15 39	5 9	0 34	1 9	5 17		n.a.
S 28	12 28	14 21	4 9	0n 9	3 19	26 27	3 21	25 2	1 44	22 51	0 6	13 18	2 16	24 2	0 27	22 45	0 50	15 40	5 9	0 36	1 10	5 19		n.a.
S 29	12 48	16 30	4 43	0 32	3 18	26 32	3 20	24 59	1 43	22 53	0 6	13 17	2 16	24 2	0 27	22 45	0 50	15 40	5 9	0 39	1 11	5 20		n.a.
M30	13n 7	17s56	5n 4	0n57	3s17	26n36	3n20	24n55	1n42	22n54	0n 6	13s15	2n16	24n 2	0n27	22s45	0n50	15n40	5s 8	0n41	1n12	5s22		n.a.

Julian Day Number = 1607555.5, Delta T = 03h55m18s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'33, Lahiri = - 8°15'32 Julian Calendar 1 Apr. 312 BCE == Greg. Calendar 27 March 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

MAY 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 17 19	5♉17'23	28♐16	10♈57	20♊ 2	12♋ 4	14♊37	11°R15	6♋ 9	23°R46	1♊31	28°R12	26♍57	17♎54	n.a.	T 1
W 2	14 21 15	6°14'43	10♑55	12° 4	20°53	12°37	14°49	11♏11	6°11	23♐45	1°32	28♍ 8	26°54	18° 0	n.a.	W 2
T 3	14 25 12	7°12'02	23°51	13°14	21°44	13°10	15° 1	11° 7	6°13	23°44	1°33	28° 5	26°50	18° 7	n.a.	T 3
F 4	14 29 8	8° 9'20	7♒ 5	14°27	22°34	13°44	15°13	11° 2	6°16	23°43	1°35	28°D 4	26°47	18°13	n.a.	F 4
S 5	14 33 5	9° 6'38	20°39	15°43	23°23	14°17	15°25	10°58	6°18	23°42	1°36	28° 5	26°44	18°20	n.a.	S 5
S 6	14 37 2	10° 3'55	4♓36	17° 2	24°11	14°50	15°37	10°53	6°21	23°41	1°38	28° 6	26°41	18°27	n.a.	S 6
M 7	14 40 58	11° 1'11	18°55	18°23	24°59	15°23	15°49	10°49	6°23	23°40	1°39	28° 7	26°38	18°33	n.a.	M 7
T 8	14 44 55	11°58'27	3♈35	19°48	25°46	15°57	16° 1	10°45	6°25	23°39	1°40	28°R 7	26°34	18°40	n.a.	T 8
W 9	14 48 51	12°55'43	18°31	21°15	26°32	16°30	16°13	10°40	6°28	23°38	1°42	28° 6	26°31	18°47	n.a.	W 9
T 10	14 52 48	13°52'58	3♉37	22°46	27°17	17° 4	16°25	10°36	6°30	23°37	1°43	28° 2	26°28	18°53	n.a.	T 10
F 11	14 56 44	14°50'12	18°42	24°19	28° 2	17°38	16°38	10°31	6°33	23°36	1°45	27°57	26°25	19° 0	n.a.	F 11
S 12	15 0 41	15°47'26	3♊39	25°55	28°45	18°12	16°50	10°27	6°36	23°35	1°46	27°50	26°22	19° 7	n.a.	S 12
S 13	15 4 37	16°44'39	18°18	27°34	29°28	18°46	17° 2	10°23	6°38	23°33	1°47	27°43	26°19	19°13	n.a.	S 13
M14	15 8 34	17°41'51	2♋32	29°15	0♋ 9	19°20	17°15	10°18	6°41	23°32	1°49	27°36	26°15	19°20	n.a.	M14
T 15	15 12 31	18°39'03	16°18	0♌59	0°50	19°54	17°27	10°14	6°44	23°31	1°50	27°30	26°12	19°27	n.a.	T 15
W16	15 16 27	19°36'13	29°36	2°46	1°29	20°28	17°40	10°10	6°46	23°30	1°52	27°26	26° 9	19°33	n.a.	W16
T 17	15 20 24	20°33'23	12♎27	4°35	2° 8	21° 2	17°52	10° 5	6°49	23°29	1°53	27°24	26° 6	19°40	n.a.	T 17
F 18	15 24 20	21°30'32	24°56	6°27	2°45	21°37	18° 5	10° 1	6°52	23°27	1°55	27°D24	26° 3	19°47	n.a.	F 18
S 19	15 28 17	22°27'41	7♍ 7	8°22	3°21	22°11	18°17	9°57	6°55	23°26	1°56	27°25	26° 0	19°53	n.a.	S 19
S 20	15 32 13	23°24'48	19° 5	10°19	3°55	22°46	18°30	9°53	6°58	23°25	1°57	27°26	25°56	20° 0	n.a.	S 20
M21	15 36 10	24°21'56	0♎55	12°18	4°29	23°20	18°43	9°48	7° 1	23°23	1°59	27°R26	25°53	20° 7	n.a.	M21
T 22	15 40 6	25°19'02	12°42	14°19	5° 1	23°55	18°56	9°44	7° 4	23°22	2° 0	27°25	25°50	20°13	n.a.	T 22
W23	15 44 3	26°16'08	24°31	16°23	5°31	24°30	19° 8	9°40	7° 7	23°20	2° 2	27°21	25°47	20°20	n.a.	W23
T 24	15 48 0	27°13'14	6♏23	18°28	6° 0	25° 4	19°21	9°36	7°10	23°19	2° 3	27°15	25°44	20°27	n.a.	T 24
F 25	15 51 56	28°10'20	18°23	20°34	6°28	25°39	19°34	9°32	7°13	23°18	2° 5	27° 7	25°40	20°33	n.a.	F 25
S 26	15 55 53	29° 7'25	0♐31	22°42	6°54	26°14	19°47	9°28	7°16	23°16	2° 6	26°57	25°37	20°40	n.a.	S 26
S 27	15 59 49	0♊ 4'30	12°50	24°51	7°18	26°49	20° 0	9°24	7°19	23°15	2° 8	26°46	25°34	20°47	n.a.	S 27
M28	16 3 46	1° 1'35	25°19	27° 1	7°41	27°25	20°13	9°20	7°22	23°13	2° 9	26°35	25°31	20°53	n.a.	M28
T 29	16 7 42	1°58'41	7♑59	29°12	8° 1	28° 0	20°26	9°16	7°25	23°12	2°11	26°25	25°28	21° 0	n.a.	T 29
W30	16 11 39	2°55'46	20°51	1♊22	8°21	28°35	20°39	9°12	7°28	23°10	2°12	26°16	25°25	21° 7	n.a.	W30
T 31	16 15 35	3♊52'51	3♒56	3♊33	8♋38	29♋10	20♊52	9♏ 8	7♋32	23♐ 9	2♊14	26♍11	25♍21	21♎13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n27	18s32	5n11	1n24	3s15	26n39	3n19	24n52	1n42	22n56	0n 6	13s14	2n16	24n 2	0n27	22s45	0n50	15n41	5s 8	0n43	1n14	5s24		n.a.
W 2	13 46	18 14	5 3	1 53	3 12	26 42	3 18	24 48	1 41	22 57	0 6	13 13	2 16	24 2	0 27	22 45	0 50	15 41	5 8	0 45	1 15	5 26		n.a.
T 3	14 5	17 0	4 40	2 24	3 9	26 45	3 17	24 44	1 40	22 59	0 6	13 11	2 16	24 2	0 27	22 45	0 50	15 42	5 8	0 46	1 16	5 28		n.a.
F 4	14 24	14 49	4 2	2 56	3 5	26 46	3 16	24 40	1 40	23 0	0 6	13 10	2 16	24 2	0 27	22 45	0 50	15 42	5 8	0 46	1 18	5 29		n.a.
S 5	14 42	11 47	3 9	3 30	3 0	26 48	3 14	24 36	1 39	23 2	0 6	13 9	2 16	24 2	0 27	22 45	0 50	15 42	5 8	0 46	1 19	5 31		n.a.
S 6	15 1	8 1	2 4	4 5	2 54	26 48	3 12	24 31	1 38	23 3	0 6	13 7	2 16	24 1	0 27	22 45	0 50	15 43	5 8	0 46	1 20	5 33		n.a.
M 7	15 19	3 40	0 50	4 42	2 49	26 48	3 11	24 27	1 37	23 4	0 7	13 6	2 16	24 1	0 27	22 45	0 50	15 43	5 8	0 45	1 21	5 35		n.a.
T 8	15 37	0n59	0s30	5 20	2 42	26 48	3 8	24 22	1 37	23 6	0 7	13 5	2 16	24 1	0 27	22 45	0 50	15 43	5 8	0 45	1 23	5 37		n.a.
W 9	15 54	5 41	1 48	6 0	2 35	26 47	3 6	24 17	1 36	23 7	0 7	13 3	2 16	24 1	0 27	22 45	0 50	15 44	5 8	0 46	1 24	5 38		n.a.
T 10	16 12	10 3	3 0	6 41	2 27	26 46	3 4	24 12	1 35	23 9	0 7	13 2	2 16	24 1	0 27	22 45	0 50	15 44	5 8	0 47	1 25	5 40		n.a.
F 11	16 29	13 46	3 59	7 23	2 19	26 44	3 1	24 7	1 35	23 10	0 7	13 1	2 16	24 1	0 27	22 45	0 50	15 45	5 7	0 50	1 27	5 42		n.a.
S 12	16 46	16 32	4 41	8 6	2 11	26 41	2 58	24 2	1 34	23 11	0 7	12 59	2 16	24 1	0 27	22 45	0 50	15 45	5 7	0 52	1 28	5 44		n.a.
S 13	17 3	18 10	5 4	8 51	2 2	26 38	2 54	23 56	1 33	23 13	0 7	12 58	2 15	24 0	0 27	22 45	0 50	15 45	5 7	0 55	1 29	5 46		n.a.
M14	17 19	18 36	5 7	9 36	1 52	26 35	2 51	23 51	1 33	23 14	0 7	12 57	2 15	24 0	0 27	22 44	0 50	15 46	5 7	0 58	1 30	5 47		n.a.
T 15	17 35	17 54	4 52	10 22	1 42	26 31	2 47	23 45	1 32	23 15	0 7	12 56	2 15	24 0	0 27	22 44	0 50	15 46	5 7	1 0	1 32	5 49		n.a.
W16	17 51	16 14	4 21	11 8	1 32	26 26	2 43	23 39	1 31	23 16	0 7	12 54	2 15	24 0	0 27	22 44	0 50	15 46	5 7	1 2	1 33	5 51		n.a.
T 17	18 6	13 47	3 38	11 56	1 22	26 22	2 39	23 33	1 31	23 18	0 8	12 53	2 15	24 0	0 27	22 44	0 50	15 47	5 7	1 3	1 34	5 53		n.a.
F 18	18 22	10 46	2 46	12 43	1 11	26 16	2 34	23 27	1 30	23 19	0 8	12 52	2 15	24 0	0 27	22 44	0 50	15 47	5 7	1 3	1 35	5 54		n.a.
S 19	18 37	7 21	1 47	13 31	1 0	26 11	2 29	23 21	1 29	23 20	0 8	12 51	2 15	23 59	0 27	22 44	0 50	15 47	5 7	1 2	1 37	5 56		n.a.
S 20	18 51	3 41	0 45	14 19	0 49	26 5	2 24	23 14	1 29	23 21	0 8	12 49	2 15	23 59	0 27	22 44	0 50	15 48	5 7	1 2	1 38	5 58		n.a.
M21	19 5	0s 5	0n19	15 7	0 38	25 58	2 19	23 8	1 28	23 23	0 8	12 48	2 15	23 59	0 27	22 44	0 50	15 48	5 7	1 2	1 39	6 0		n.a.
T 22	19 20	3 50	1 21	15 55	0 26	25 51	2 13	23 1	1 27	23 24	0 8	12 47	2 15	23 59	0 27	22 44	0 50	15 48	5 7	1 3	1 41	6 2		n.a.
W23	19 33	7 27	2 20	16 42	0 15	25 44	2 7	22 54	1 27	23 25	0 8	12 46	2 14	23 59	0 27	22 44	0 50	15 49	5 7	1 4	1 42	6 3		n.a.
T 24	19 47	10 47	3 13	17 28	0 4	25 36	2 1	22 47	1 26	23 26	0 8	12 45	2 14	23 59	0 27	22 44	0 50	15 49	5 6	1 6	1 43	6 5		n.a.
F 25	20 0	13 42	3 58	18 13	0n 7	25 28	1 54	22 40	1 25	23 27	0 8	12 43	2 14	23 58	0 27	22 44	0 50	15 49	5 6	1 10	1 44	6 7		n.a.
S 26	20 12	16 4	4 32	18 57	0 17	25 20	1 47	22 33	1 25	23 28	0 8	12 42	2 14	23 58	0 27	22 44	0 50	15 50	5 6	1 14	1 46	6 9		n.a.
S 27	20 25	17 45	4 55	19 40	0 28	25 11	1 40	22 25	1 24	23 29	0 8	12 41	2 14	23 58	0 27	22 44	0 50	15 50	5 6	1 18	1 47	6 11		n.a.
M28	20 37	18 36	5 3	20 21	0 38	25 2	1 32	22 18	1 23	23 30	0 9	12 40	2 14	23 58	0 27	22 43	0 50	15 50	5 6	1 23	1 48	6 12		n.a.
T 29	20 49	18 33	4 57	20 59	0 47	24 53	1 24	22 10	1 23	23 31	0 9	12 39	2 14	23 58	0 27	22 43	0 50	15 51	5 6	1 27	1 49	6 14		n.a.
W30	21 0	17 32	4 36	21 36	0 56	24 43	1 15	22 2	1 22	23 32	0 9	12 38	2 14	23 58	0 27	22 43	0 50	15 51	5 6	1 30	1 51	6 16		n.a.
T 31	21n11	15s37	4n 0	22n11	1n 5	24n33	1n 7	21n54	1n21	23n34	0n 9	12s37	2n13	23n57	0n27	22s43	0n50	15n52	5s 6	1n32	1n52	6s18		n.a.

Julian Day Number = 1607585.5, Delta T = 03h55m17s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'29, Lahiri = - 8°15'28 Julian Calendar 1 May 312 BCE == Greg. Calendar 26 Apr. 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

JUNE 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 19 32	4♊49'57	17♒14	5♊43	8♋53	29♋46	21♊ 5	9°R 5	7♋35	23°R 7	2♊15	26°R 7	25♍18	21♎20	n.a.	F 1
S 2	16 23 29	5°47'03	0♓48	7°53	9° 6	0♌21	21°18	9♏ 1	7°38	23♐ 6	2°17	26°D 6	25°15	21°27	n.a.	S 2
S 3	16 27 25	6°44'09	14°38	10° 2	9°18	0°57	21°31	8°57	7°41	23° 4	2°18	26♍ 6	25°12	21°33	n.a.	S 3
M 4	16 31 22	7°41'16	28°45	12° 9	9°27	1°32	21°44	8°54	7°45	23° 3	2°19	26°R 6	25° 9	21°40	n.a.	M 4
T 5	16 35 18	8°38'23	13♈ 8	14°16	9°34	2° 8	21°57	8°50	7°48	23° 1	2°21	26° 5	25° 5	21°47	n.a.	T 5
W 6	16 39 15	9°35'31	27°45	16°22	9°39	2°44	22°11	8°47	7°51	23° 0	2°22	26° 2	25° 2	21°53	n.a.	W 6
T 7	16 43 11	10°32'39	12♉32	18°26	9°42	3°20	22°24	8°43	7°55	22°58	2°24	25°57	24°59	22° 0	n.a.	T 7
F 8	16 47 8	11°29'48	27°21	20°28	9°R42	3°56	22°37	8°40	7°58	22°56	2°25	25°48	24°56	22° 7	n.a.	F 8
S 9	16 51 4	12°26'57	12♊ 5	22°29	9°40	4°32	22°50	8°37	8° 2	22°55	2°27	25°38	24°53	22°13	n.a.	S 9
S 10	16 55 1	13°24'06	26°36	24°28	9°36	5° 8	23° 3	8°33	8° 5	22°53	2°28	25°27	24°50	22°20	n.a.	S 10
M11	16 58 58	14°21'16	10♋46	26°25	9°29	5°44	23°17	8°30	8° 8	22°52	2°30	25°17	24°46	22°27	n.a.	M11
T 12	17 2 54	15°18'25	24°31	28°20	9°20	6°20	23°30	8°27	8°12	22°50	2°31	25° 7	24°43	22°33	n.a.	T 12
W13	17 6 51	16°15'35	7♌50	0♋14	9° 9	6°56	23°43	8°24	8°15	22°48	2°33	25° 0	24°40	22°40	n.a.	W13
T 14	17 10 47	17°12'46	20°43	2° 6	8°55	7°33	23°57	8°21	8°19	22°47	2°34	24°56	24°37	22°47	n.a.	T 14
F 15	17 14 44	18° 9'56	3♍13	3°56	8°39	8° 9	24°10	8°18	8°22	22°45	2°35	24°54	24°34	22°53	n.a.	F 15
S 16	17 18 40	19° 7'07	15°25	5°44	8°21	8°46	24°23	8°16	8°26	22°44	2°37	24°53	24°31	23° 0	n.a.	S 16
S 17	17 22 37	20° 4'18	27°23	7°30	8° 0	9°22	24°37	8°13	8°29	22°42	2°38	24°53	24°27	23° 7	n.a.	S 17
M18	17 26 34	21° 1'29	9♎14	9°15	7°37	9°59	24°50	8°10	8°33	22°40	2°40	24°53	24°24	23°13	n.a.	M18
T 19	17 30 30	21°58'41	21° 3	10°57	7°12	10°36	25° 3	8° 8	8°37	22°39	2°41	24°51	24°21	23°20	n.a.	T 19
W20	17 34 27	22°55'53	2♏53	12°38	6°45	11°12	25°16	8° 5	8°40	22°37	2°42	24°46	24°18	23°27	n.a.	W20
T 21	17 38 23	23°53'05	14°51	14°17	6°17	11°49	25°30	8° 3	8°44	22°35	2°44	24°40	24°15	23°33	n.a.	T 21
F 22	17 42 20	24°50'18	26°58	15°54	5°46	12°26	25°43	8° 0	8°47	22°34	2°45	24°30	24°11	23°40	n.a.	F 22
S 23	17 46 16	25°47'32	9♐18	17°30	5°14	13° 3	25°56	7°58	8°51	22°32	2°47	24°18	24° 8	23°46	n.a.	S 23
S 24	17 50 13	26°44'47	21°50	19° 3	4°40	13°40	26°10	7°56	8°55	22°31	2°48	24° 6	24° 5	23°53	n.a.	S 24
M25	17 54 9	27°42'02	4♑37	20°35	4° 6	14°17	26°23	7°54	8°58	22°29	2°49	23°53	24° 2	24° 0	n.a.	M25
T 26	17 58 6	28°39'18	17°37	22° 4	3°30	14°54	26°36	7°52	9° 2	22°27	2°51	23°41	23°59	24° 6	n.a.	T 26
W27	18 2 3	29°36'35	0♒48	23°32	2°54	15°31	26°50	7°50	9° 6	22°26	2°52	23°31	23°56	24°13	n.a.	W27
T 28	18 5 59	0♋33'53	14°11	24°58	2°17	16° 8	27° 3	7°48	9° 9	22°24	2°53	23°24	23°52	24°20	n.a.	T 28
F 29	18 9 56	1°31'13	27°44	26°22	1°39	16°46	27°16	7°46	9°13	22°23	2°55	23°20	23°49	24°26	n.a.	F 29
S 30	18 13 52	2♋28'33	11♓27	27♋44	1♋ 2	17♌23	27♊30	7♏45	9♋17	22♐21	2♊56	23♍18	23♍46	24♎33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n22	12s49	3n11	22n43	1n13	24n23	0n58	21n46	1n21	23n35	0n 9	12s36	2n13	23n57	0n27	22s43	0n50	15n52	5s 6	1n34	1n53	6s19		n.a.
S 2	21 32	9 18	2 10	23 12	1 20	24 13	0 48	21 37	1 20	23 35	0 9	12 35	2 13	23 57	0 27	22 43	0 50	15 52	5 6	1 34	1 55	6 21		n.a.
S 3	21 42	5 11	1 1	23 39	1 27	24 2	0 38	21 29	1 19	23 36	0 9	12 34	2 13	23 57	0 27	22 43	0 50	15 52	5 6	1 34	1 56	6 23		n.a.
M 4	21 51	0 43	0s14	24 3	1 32	23 51	0 28	21 20	1 19	23 37	0 9	12 33	2 13	23 57	0 27	22 43	0 50	15 53	5 6	1 34	1 57	6 25		n.a.
T 5	22 1	3n53	1 29	24 24	1 38	23 40	0 17	21 11	1 18	23 38	0 9	12 32	2 13	23 56	0 27	22 43	0 50	15 53	5 6	1 34	1 58	6 26		n.a.
W 6	22 10	8 19	2 40	24 43	1 42	23 29	0 6	21 3	1 17	23 39	0 9	12 31	2 12	23 56	0 27	22 43	0 50	15 53	5 6	1 36	2 0	6 28		n.a.
T 7	22 18	12 18	3 40	24 59	1 46	23 17	0s 5	20 54	1 17	23 40	0 10	12 30	2 12	23 56	0 27	22 43	0 50	15 54	5 6	1 38	2 1	6 30		n.a.
F 8	22 26	15 30	4 26	25 12	1 49	23 6	0 17	20 44	1 16	23 41	0 10	12 29	2 12	23 56	0 27	22 43	0 50	15 54	5 6	1 41	2 2	6 32		n.a.
S 9	22 34	17 40	4 53	25 22	1 51	22 54	0 29	20 35	1 15	23 42	0 10	12 28	2 12	23 56	0 27	22 43	0 50	15 54	5 6	1 45	2 3	6 34		n.a.
S 10	22 41	18 40	5 1	25 30	1 53	22 42	0 41	20 25	1 15	23 43	0 10	12 27	2 12	23 55	0 27	22 42	0 50	15 55	5 6	1 50	2 5	6 35		n.a.
M11	22 48	18 27	4 51	25 35	1 54	22 30	0 54	20 16	1 14	23 43	0 10	12 26	2 11	23 55	0 27	22 42	0 50	15 55	5 6	1 54	2 6	6 37		n.a.
T 12	22 55	17 10	4 23	25 38	1 55	22 17	1 7	20 6	1 14	23 44	0 10	12 25	2 11	23 55	0 27	22 42	0 50	15 55	5 6	1 58	2 7	6 39		n.a.
W13	23 1	14 57	3 42	25 38	1 54	22 5	1 20	19 56	1 13	23 45	0 10	12 25	2 11	23 55	0 27	22 42	0 50	15 56	5 6	2 0	2 9	6 41		n.a.
T 14	23 6	12 4	2 51	25 36	1 53	21 52	1 33	19 46	1 12	23 46	0 10	12 24	2 11	23 54	0 27	22 42	0 50	15 56	5 6	2 2	2 10	6 42		n.a.
F 15	23 12	8 42	1 52	25 32	1 52	21 40	1 47	19 36	1 12	23 46	0 10	12 23	2 11	23 54	0 27	22 42	0 50	15 56	5 6	2 3	2 11	6 44		n.a.
S 16	23 17	5 3	0 50	25 26	1 50	21 27	2 1	19 26	1 11	23 47	0 10	12 22	2 10	23 54	0 27	22 42	0 50	15 57	5 6	2 3	2 12	6 46		n.a.
S 17	23 21	1 15	0n13	25 18	1 47	21 14	2 15	19 15	1 10	23 48	0 11	12 22	2 10	23 54	0 27	22 42	0 50	15 57	5 6	2 3	2 14	6 48		n.a.
M18	23 25	2s33	1 15	25 8	1 44	21 2	2 29	19 5	1 10	23 48	0 11	12 21	2 10	23 54	0 27	22 42	0 50	15 57	5 6	2 4	2 15	6 49		n.a.
T 19	23 29	6 15	2 14	24 56	1 40	20 49	2 43	18 54	1 9	23 49	0 11	12 20	2 10	23 53	0 27	22 42	0 50	15 57	5 5	2 4	2 16	6 51		n.a.
W20	23 32	9 42	3 7	24 43	1 36	20 36	2 58	18 43	1 8	23 49	0 11	12 20	2 10	23 53	0 27	22 42	0 50	15 58	5 5	2 6	2 18	6 53		n.a.
T 21	23 35	12 48	3 52	24 28	1 31	20 23	3 12	18 32	1 8	23 50	0 11	12 19	2 9	23 53	0 27	22 42	0 50	15 58	5 5	2 9	2 19	6 55		n.a.
F 22	23 38	15 23	4 27	24 12	1 26	20 11	3 26	18 21	1 7	23 51	0 11	12 19	2 9	23 53	0 27	22 42	0 50	15 58	5 5	2 13	2 20	6 56		n.a.
S 23	23 40	17 20	4 50	23 54	1 20	19 58	3 40	18 10	1 6	23 51	0 11	12 18	2 9	23 52	0 27	22 41	0 50	15 58	5 5	2 17	2 21	6 58		n.a.
S 24	23 41	18 29	5 0	23 35	1 14	19 45	3 53	17 58	1 6	23 52	0 11	12 18	2 9	23 52	0 27	22 41	0 50	15 59	5 5	2 22	2 23	7 0		n.a.
M25	23 43	18 44	4 55	23 15	1 8	19 33	4 7	17 47	1 5	23 52	0 11	12 17	2 9	23 52	0 27	22 41	0 50	15 59	5 5	2 28	2 24	7 2		n.a.
T 26	23 43	18 1	4 35	22 54	1 1	19 21	4 20	17 35	1 4	23 53	0 11	12 17	2 8	23 52	0 27	22 41	0 50	15 59	5 5	2 32	2 25	7 3		n.a.
W27	23 44	16 19	4 0	22 32	0 53	19 9	4 33	17 24	1 4	23 53	0 12	12 16	2 8	23 51	0 27	22 41	0 50	16 0	5 5	2 36	2 26	7 5		n.a.
T 28	23 44	13 43	3 11	22 9	0 46	18 57	4 45	17 12	1 3	23 53	0 12	12 16	2 8	23 51	0 27	22 41	0 50	16 0	5 5	2 39	2 28	7 7		n.a.
F 29	23 43	10 21	2 11	21 45	0 38	18 46	4 57	17 0	1 3	23 54	0 12	12 16	2 8	23 51	0 27	22 41	0 50	16 0	5 5	2 41	2 29	7 9		n.a.
S 30	23n42	6s24	1n 2	21n21	0n29	18n35	5s 8	16n48	1n 2	23n54	0n12	12s15	2n 7	23n51	0n27	22s41	0n50	16n 0	5s 5	2n41	2n30	7s10		n.a.

Julian Day Number = 1607616.5, Delta T = 03h55m16s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'24, Lahiri = - 8°15'24 Julian Calendar 1 June 312 BCE == Greg. Calendar 27 May 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

JULY 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 17 49	3♋25'55	25♓20	29♋ 4	0°R25	18♌ 1	27♊43	7°R43	9♋20	22°R19	2♊57	23°D18	23♍43	24♎40	n.a.	S 1
M 2	18 21 45	4°23'18	9♈22	0♌22	29♊48	18°38	27°56	7♏42	9°24	22♐18	2°59	23°R18	23°40	24°46	n.a.	M 2
T 3	18 25 42	5°20'42	23°33	1°38	29°13	19°16	28°10	7°40	9°28	22°16	3° 0	23♍17	23°37	24°53	n.a.	T 3
W 4	18 29 38	6°18'08	7♉53	2°52	28°38	19°53	28°23	7°39	9°31	22°15	3° 1	23°14	23°33	25° 0	n.a.	W 4
T 5	18 33 35	7°15'35	22°17	4° 4	28° 4	20°31	28°36	7°38	9°35	22°13	3° 2	23° 9	23°30	25° 6	n.a.	T 5
F 6	18 37 32	8°13'04	6♊42	5°13	27°31	21° 9	28°49	7°37	9°39	22°12	3° 4	23° 0	23°27	25°13	n.a.	F 6
S 7	18 41 28	9°10'34	21° 3	6°20	27° 0	21°47	29° 3	7°36	9°43	22°10	3° 5	22°50	23°24	25°20	n.a.	S 7
S 8	18 45 25	10° 8'05	5♋13	7°24	26°30	22°25	29°16	7°35	9°46	22° 8	3° 6	22°39	23°21	25°27	n.a.	S 8
M 9	18 49 21	11° 5'38	19° 7	8°26	26° 3	23° 3	29°29	7°34	9°50	22° 7	3° 7	22°29	23°17	25°33	n.a.	M 9
T 10	18 53 18	12° 3'12	2♌41	9°26	25°37	23°41	29°42	7°33	9°54	22° 5	3° 8	22°19	23°14	25°40	n.a.	T 10
W11	18 57 14	13° 0'47	15°52	10°22	25°13	24°19	29°55	7°32	9°57	22° 4	3°10	22°12	23°11	25°47	n.a.	W11
T 12	19 1 11	13°58'23	28°42	11°16	24°52	24°57	0♋ 8	7°32	10° 1	22° 2	3°11	22° 7	23° 8	25°53	n.a.	T 12
F 13	19 5 7	14°56'00	11♍11	12° 6	24°32	25°35	0°22	7°31	10° 5	22° 1	3°12	22° 5	23° 5	26° 0	n.a.	F 13
S 14	19 9 4	15°53'38	23°22	12°53	24°15	26°13	0°35	7°31	10° 8	22° 0	3°13	22°D 4	23° 2	26° 7	n.a.	S 14
S 15	19 13 1	16°51'18	5♎22	13°37	24° 0	26°52	0°48	7°31	10°12	21°58	3°14	22° 5	22°58	26°13	n.a.	S 15
M16	19 16 57	17°48'58	17°13	14°17	23°48	27°30	1° 1	7°31	10°16	21°57	3°15	22°R 5	22°55	26°20	n.a.	M16
T 17	19 20 54	18°46'40	29° 3	14°53	23°38	28° 9	1°14	7°D31	10°19	21°55	3°16	22° 4	22°52	26°27	n.a.	T 17
W18	19 24 50	19°44'23	10♏56	15°26	23°30	28°47	1°27	7°31	10°23	21°54	3°18	22° 2	22°49	26°33	n.a.	W18
T 19	19 28 47	20°42'07	22°56	15°53	23°25	29°26	1°40	7°31	10°27	21°53	3°19	21°58	22°46	26°40	n.a.	T 19
F 20	19 32 43	21°39'53	5♐ 9	16°17	23°22	0♍ 5	1°53	7°31	10°30	21°51	3°20	21°51	22°43	26°47	n.a.	F 20
S 21	19 36 40	22°37'40	17°37	16°36	23°D21	0°43	2° 5	7°31	10°34	21°50	3°21	21°42	22°39	26°53	n.a.	S 21
S 22	19 40 36	23°35'28	0♑23	16°49	23°23	1°22	2°18	7°32	10°38	21°48	3°22	21°32	22°36	27° 0	n.a.	S 22
M23	19 44 33	24°33'18	13°26	16°58	23°27	2° 1	2°31	7°32	10°41	21°47	3°23	21°22	22°33	27° 7	n.a.	M23
T 24	19 48 30	25°31'10	26°45	17°R 1	23°33	2°40	2°44	7°33	10°45	21°46	3°24	21°13	22°30	27°13	n.a.	T 24
W25	19 52 26	26°29'03	10♒20	16°58	23°42	3°19	2°57	7°34	10°49	21°45	3°25	21° 6	22°27	27°20	n.a.	W25
T 26	19 56 23	27°26'58	24° 7	16°49	23°52	3°58	3° 9	7°34	10°52	21°43	3°26	21° 1	22°23	27°27	n.a.	T 26
F 27	20 0 19	28°24'54	8♓ 3	16°35	24° 5	4°37	3°22	7°35	10°56	21°42	3°27	20°58	22°20	27°33	n.a.	F 27
S 28	20 4 16	29°22'53	22° 6	16°14	24°20	5°16	3°35	7°36	10°59	21°41	3°27	20°D57	22°17	27°40	n.a.	S 28
S 29	20 8 12	0♌20'53	6♈13	15°47	24°36	5°55	3°47	7°37	11° 3	21°40	3°28	20°58	22°14	27°47	n.a.	S 29
M30	20 12 9	1°18'55	20°21	15°15	24°55	6°35	4° 0	7°38	11° 6	21°39	3°29	20°59	22°11	27°53	n.a.	M30
T 31	20 16 5	2♌17'00	4♉31	14♌37	25♊15	7♍14	4♋12	7♏40	11♋10	21♐37	3♊30	20°R59	22♍ 8	28♎ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n41	2s 3	0s11	20n56	0n21	18n25	5s19	16n35	1n 1	23n55	0n12	12s15	2n 7	23n50	0n27	22s41	0n50	16n 1	5s 5	2n42	2n32	7s12			n.a.
M 2	23 39	2n28	1 24	20 30	0 12	18 14	5 29	16 23	1 1	23 55	0 12	12 15	2 7	23 50	0 27	22 41	0 50	16 1	5 5	2 42	2 33	7 14			n.a.
T 3	23 37	6 53	2 33	20 4	0 2	18 5	5 39	16 10	1 0	23 55	0 12	12 15	2 7	23 50	0 27	22 41	0 50	16 1	5 5	2 42	2 34	7 16			n.a.
W 4	23 35	10 57	3 33	19 38	0s 7	17 56	5 48	15 58	0 59	23 55	0 12	12 14	2 6	23 50	0 27	22 41	0 49	16 1	5 5	2 43	2 35	7 17			n.a.
T 5	23 32	14 23	4 20	19 12	0 17	17 47	5 56	15 45	0 59	23 56	0 12	12 14	2 6	23 49	0 27	22 41	0 49	16 1	5 5	2 45	2 37	7 19			n.a.
F 6	23 28	16 56	4 50	18 45	0 27	17 39	6 3	15 32	0 58	23 56	0 12	12 14	2 6	23 49	0 27	22 40	0 49	16 2	5 6	2 48	2 38	7 21			n.a.
S 7	23 24	18 24	5 2	18 19	0 38	17 32	6 10	15 19	0 57	23 56	0 13	12 14	2 6	23 49	0 27	22 40	0 49	16 2	5 6	2 53	2 39	7 23			n.a.
S 8	23 20	18 43	4 55	17 52	0 48	17 25	6 16	15 6	0 57	23 56	0 13	12 14	2 5	23 49	0 27	22 40	0 49	16 2	5 6	2 57	2 40	7 24			n.a.
M 9	23 16	17 53	4 30	17 25	0 59	17 19	6 21	14 53	0 56	23 57	0 13	12 14	2 5	23 48	0 27	22 40	0 49	16 2	5 6	3 1	2 42	7 26			n.a.
T 10	23 11	16 3	3 51	16 59	1 10	17 14	6 26	14 40	0 55	23 57	0 13	12 14	2 5	23 48	0 27	22 40	0 49	16 2	5 6	3 5	2 43	7 28			n.a.
W11	23 5	13 24	3 0	16 33	1 21	17 9	6 30	14 26	0 55	23 57	0 13	12 14	2 5	23 48	0 27	22 40	0 49	16 3	5 6	3 8	2 44	7 30			n.a.
T 12	22 59	10 11	2 1	16 8	1 32	17 5	6 33	14 13	0 54	23 57	0 13	12 14	2 5	23 47	0 27	22 40	0 49	16 3	5 6	3 10	2 45	7 31			n.a.
F 13	22 53	6 34	0 58	15 43	1 44	17 2	6 35	13 59	0 53	23 57	0 13	12 14	2 4	23 47	0 27	22 40	0 49	16 3	5 6	3 11	2 47	7 33			n.a.
S 14	22 46	2 46	0n 7	15 19	1 55	16 59	6 37	13 45	0 53	23 57	0 13	12 14	2 4	23 47	0 27	22 40	0 49	16 3	5 6	3 11	2 48	7 35			n.a.
S 15	22 39	1s 5	1 10	14 55	2 6	16 57	6 39	13 31	0 52	23 57	0 13	12 14	2 4	23 47	0 27	22 40	0 49	16 3	5 6	3 11	2 49	7 37			n.a.
M16	22 32	4 51	2 10	14 33	2 18	16 56	6 39	13 17	0 52	23 57	0 14	12 14	2 4	23 46	0 27	22 40	0 49	16 4	5 6	3 11	2 51	7 38			n.a.
T 17	22 24	8 24	3 4	14 11	2 29	16 55	6 40	13 3	0 51	23 57	0 14	12 15	2 3	23 46	0 27	22 40	0 49	16 4	5 6	3 11	2 52	7 40			n.a.
W18	22 16	11 38	3 50	13 51	2 41	16 55	6 39	12 49	0 50	23 57	0 14	12 15	2 3	23 46	0 27	22 40	0 49	16 4	5 6	3 12	2 53	7 42			n.a.
T 19	22 7	14 26	4 27	13 32	2 52	16 56	6 38	12 35	0 50	23 57	0 14	12 15	2 3	23 46	0 27	22 40	0 49	16 4	5 6	3 14	2 54	7 44			n.a.
F 20	21 58	16 38	4 52	13 14	3 3	16 57	6 37	12 21	0 49	23 57	0 14	12 15	2 3	23 45	0 27	22 40	0 49	16 4	5 6	3 16	2 56	7 45			n.a.
S 21	21 48	18 6	5 4	12 59	3 14	16 59	6 35	12 6	0 48	23 57	0 14	12 16	2 2	23 45	0 27	22 39	0 49	16 4	5 6	3 20	2 57	7 47			n.a.
S 22	21 38	18 43	5 1	12 45	3 24	17 1	6 33	11 52	0 48	23 57	0 14	12 16	2 2	23 45	0 27	22 39	0 49	16 5	5 6	3 24	2 58	7 49			n.a.
M23	21 28	18 21	4 43	12 33	3 34	17 4	6 30	11 37	0 47	23 57	0 14	12 17	2 2	23 44	0 27	22 39	0 49	16 5	5 6	3 28	2 59	7 51			n.a.
T 24	21 18	16 59	4 9	12 23	3 44	17 7	6 27	11 22	0 46	23 57	0 14	12 17	2 2	23 44	0 27	22 39	0 49	16 5	5 6	3 31	3 1	7 52			n.a.
W25	21 7	14 39	3 20	12 15	3 52	17 11	6 24	11 7	0 46	23 56	0 15	12 17	2 1	23 44	0 27	22 39	0 49	16 5	5 6	3 34	3 2	7 54			n.a.
T 26	20 55	11 27	2 19	12 10	4 1	17 15	6 21	10 52	0 45	23 56	0 15	12 18	2 1	23 44	0 27	22 39	0 49	16 5	5 6	3 36	3 3	7 56			n.a.
F 27	20 44	7 35	1 9	12 7	4 8	17 19	6 17	10 37	0 44	23 56	0 15	12 18	2 1	23 43	0 27	22 39	0 49	16 5	5 6	3 37	3 5	7 57			n.a.
S 28	20 32	3 16	0s 6	12 8	4 14	17 24	6 13	10 22	0 44	23 56	0 15	12 19	2 1	23 43	0 27	22 39	0 49	16 5	5 6	3 38	3 6	7 59			n.a.
S 29	20 19	1n15	1 21	12 11	4 19	17 29	6 8	10 7	0 43	23 56	0 15	12 20	2 0	23 43	0 27	22 39	0 49	16 6	5 6	3 37	3 7	8 1			n.a.
M30	20 7	5 42	2 32	12 17	4 23	17 35	6 3	9 52	0 42	23 55	0 15	12 20	2 0	23 42	0 27	22 39	0 49	16 6	5 6	3 37	3 8	8 3			n.a.
T 31	19n53	9n50	3s33	12n26	4s25	17n40	5s59	9n36	0n42	23n55	0n15	12s21	2n 0	23n42	0n27	22s39	0n49	16n 6	5s 6	3n37	3n10	8s 4			n.a.

Julian Day Number = 1607646.5, Delta T = 03h55m15s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'20, Lahiri = - 8°15'20 Julian Calendar 1 July 312 BCE == Greg. Calendar 26 June 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

AUGUST 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 20 2	3♌15'07	18♉40	13°R53	25♊38	7♍53	4♋25	7♏41	11♋14	21°R36	3♊31	20°R58	22♍ 4	28♎ 7	n.a.	W 1
T 2	20 23 59	4°13'15	2♊46	13♌ 5	26° 2	8°33	4°37	7°43	11°17	21♐35	3°32	20♍55	22° 1	28°13	n.a.	T 2
F 3	20 27 55	5°11'26	16°48	12°12	26°28	9°12	4°49	7°44	11°20	21°34	3°33	20°50	21°58	28°20	n.a.	F 3
S 4	20 31 52	6° 9'40	0♋42	11°17	26°55	9°52	5° 2	7°46	11°24	21°33	3°33	20°44	21°55	28°27	n.a.	S 4
S 5	20 35 48	7° 7'55	14°25	10°19	27°24	10°32	5°14	7°48	11°27	21°32	3°34	20°37	21°52	28°33	n.a.	S 5
M 6	20 39 45	8° 6'12	27°55	9°20	27°54	11°11	5°26	7°49	11°31	21°31	3°35	20°29	21°49	28°40	n.a.	M 6
T 7	20 43 41	9° 4'31	11♌ 9	8°21	28°26	11°51	5°38	7°51	11°34	21°30	3°36	20°23	21°45	28°47	n.a.	T 7
W 8	20 47 38	10° 2'52	24° 6	7°24	28°59	12°31	5°50	7°53	11°38	21°29	3°36	20°19	21°42	28°53	n.a.	W 8
T 9	20 51 34	11° 1'14	6♍45	6°29	29°34	13°11	6° 2	7°55	11°41	21°28	3°37	20°16	21°39	29° 0	n.a.	T 9
F 10	20 55 31	11°59'39	19° 8	5°39	0♋10	13°51	6°14	7°58	11°44	21°27	3°38	20°D15	21°36	29° 7	n.a.	F 10
S 11	20 59 28	12°58'05	1♎17	4°54	0°47	14°31	6°26	8° 0	11°48	21°27	3°38	20°15	21°33	29°13	n.a.	S 11
S 12	21 3 24	13°56'33	13°15	4°16	1°25	15°11	6°38	8° 2	11°51	21°26	3°39	20°17	21°29	29°20	n.a.	S 12
M13	21 7 21	14°55'03	25° 6	3°45	2° 4	15°51	6°50	8° 5	11°54	21°25	3°40	20°19	21°26	29°27	n.a.	M13
T 14	21 11 17	15°53'35	6♏56	3°22	2°45	16°31	7° 2	8° 7	11°57	21°24	3°40	20°20	21°23	29°33	n.a.	T 14
W15	21 15 14	16°52'08	18°49	3° 8	3°27	17°12	7°13	8°10	12° 1	21°23	3°41	20°R20	21°20	29°40	n.a.	W15
T 16	21 19 10	17°50'43	0♐50	3°D 3	4° 9	17°52	7°25	8°13	12° 4	21°23	3°41	20°19	21°17	29°47	n.a.	T 16
F 17	21 23 7	18°49'20	13° 4	3° 8	4°53	18°33	7°36	8°16	12° 7	21°22	3°42	20°17	21°14	29°53	n.a.	F 17
S 18	21 27 3	19°47'59	25°34	3°23	5°38	19°13	7°48	8°19	12°10	21°21	3°42	20°14	21°10	0♑ 0	n.a.	S 18
S 19	21 31 0	20°46'40	8♑25	3°46	6°23	19°54	7°59	8°22	12°13	21°21	3°43	20° 9	21° 7	0° 7	n.a.	S 19
M20	21 34 56	21°45'22	21°38	4°19	7°10	20°34	8°10	8°25	12°16	21°20	3°43	20° 5	21° 4	0°13	n.a.	M20
T 21	21 38 53	22°44'07	5♒12	5° 1	7°57	21°15	8°22	8°28	12°19	21°19	3°44	20° 0	21° 1	0°20	n.a.	T 21
W22	21 42 50	23°42'53	19° 7	5°51	8°45	21°56	8°33	8°31	12°22	21°19	3°44	19°57	20°58	0°27	n.a.	W22
T 23	21 46 46	24°41'42	3♓18	6°49	9°34	22°36	8°44	8°34	12°25	21°18	3°44	19°55	20°54	0°33	n.a.	T 23
F 24	21 50 43	25°40'32	17°40	7°55	10°24	23°17	8°55	8°38	12°28	21°18	3°45	19°D54	20°51	0°40	n.a.	F 24
S 25	21 54 39	26°39'25	2♈10	9° 7	11°14	23°58	9° 6	8°41	12°31	21°17	3°45	19°55	20°48	0°47	n.a.	S 25
S 26	21 58 36	27°38'20	16°40	10°24	12° 6	24°39	9°16	8°45	12°34	21°17	3°45	19°56	20°45	0°53	n.a.	S 26
M27	22 2 32	28°37'18	1♉ 7	11°47	12°58	25°20	9°27	8°49	12°37	21°17	3°46	19°57	20°42	1° 0	n.a.	M27
T 28	22 6 29	29°36'18	15°27	13°15	13°50	26° 1	9°38	8°52	12°40	21°16	3°46	19°58	20°39	1° 7	n.a.	T 28
W29	22 10 25	0♍35'20	29°37	14°47	14°44	26°42	9°48	8°56	12°42	21°16	3°46	19°R59	20°35	1°14	n.a.	W29
T 30	22 14 22	1°34'25	13♊35	16°22	15°38	27°23	9°59	9° 0	12°45	21°16	3°46	19°58	20°32	1°20	n.a.	T 30
F 31	22 18 19	2♍33'32	27♊21	17♌59	16♋32	28♍ 5	10♋ 9	9♏ 4	12♋48	21♐15	3♊47	19♍57	20♍29	1♏27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	19n40	13n24	4s21	12n37	4s26	17n46	5s54	9n21	0n41	23n55	0n15	12s22	2n 0	23n42	0n27	22s39	0n49	16n 6	5s 6	3n37	3n11	8s 6			n.a.
T 2	19 26	16 10	4 53	12 52	4 24	17 52	5 48	9 5	0 41	23 54	0 16	12 22	1 59	23 42	0 27	22 39	0 49	16 6	5 6	3 39	3 12	8 8			n.a.
F 3	19 12	17 58	5 8	13 10	4 21	17 58	5 43	8 50	0 40	23 54	0 16	12 23	1 59	23 41	0 27	22 39	0 49	16 6	5 6	3 40	3 13	8 10			n.a.
S 4	18 58	18 40	5 4	13 30	4 16	18 4	5 37	8 34	0 39	23 54	0 16	12 24	1 59	23 41	0 27	22 39	0 49	16 6	5 7	3 43	3 15	8 11			n.a.
S 5	18 43	18 15	4 43	13 52	4 9	18 11	5 32	8 18	0 39	23 53	0 16	12 25	1 59	23 41	0 27	22 39	0 49	16 6	5 7	3 46	3 16	8 13			n.a.
M 6	18 28	16 49	4 6	14 16	4 1	18 17	5 26	8 2	0 38	23 53	0 16	12 25	1 58	23 40	0 27	22 39	0 49	16 6	5 7	3 49	3 17	8 15			n.a.
T 7	18 12	14 30	3 16	14 42	3 50	18 23	5 20	7 46	0 37	23 53	0 16	12 26	1 58	23 40	0 27	22 39	0 49	16 6	5 7	3 51	3 18	8 16			n.a.
W 8	17 57	11 29	2 17	15 9	3 37	18 30	5 14	7 30	0 37	23 52	0 16	12 27	1 58	23 40	0 27	22 39	0 49	16 7	5 7	3 53	3 20	8 18			n.a.
T 9	17 41	8 1	1 13	15 36	3 23	18 36	5 8	7 14	0 36	23 52	0 16	12 28	1 58	23 40	0 27	22 39	0 49	16 7	5 7	3 54	3 21	8 20			n.a.
F 10	17 24	4 15	0 6	16 4	3 7	18 42	5 1	6 58	0 35	23 51	0 17	12 29	1 57	23 39	0 27	22 39	0 48	16 7	5 7	3 55	3 22	8 22			n.a.
S 11	17 8	0 24	1n 0	16 31	2 50	18 49	4 55	6 42	0 35	23 51	0 17	12 30	1 57	23 39	0 27	22 39	0 48	16 7	5 7	3 54	3 24	8 23			n.a.
S 12	16 51	3s25	2 2	16 58	2 32	18 55	4 49	6 26	0 34	23 50	0 17	12 31	1 57	23 39	0 27	22 39	0 48	16 7	5 7	3 54	3 25	8 25			n.a.
M13	16 33	7 4	2 59	17 23	2 14	19 1	4 42	6 9	0 33	23 50	0 17	12 32	1 57	23 38	0 27	22 39	0 48	16 7	5 7	3 53	3 26	8 27			n.a.
T 14	16 16	10 25	3 48	17 47	1 55	19 6	4 36	5 53	0 33	23 49	0 17	12 33	1 56	23 38	0 27	22 39	0 48	16 7	5 7	3 53	3 27	8 28			n.a.
W15	15 58	13 21	4 27	18 9	1 36	19 12	4 29	5 36	0 32	23 49	0 17	12 34	1 56	23 38	0 27	22 39	0 48	16 7	5 7	3 52	3 29	8 30			n.a.
T 16	15 40	15 45	4 55	18 28	1 17	19 17	4 23	5 20	0 31	23 48	0 17	12 35	1 56	23 38	0 27	22 39	0 48	16 7	5 7	3 53	3 30	8 32			n.a.
F 17	15 22	17 30	5 11	18 45	0 58	19 22	4 16	5 3	0 31	23 48	0 17	12 36	1 56	23 37	0 27	22 39	0 48	16 7	5 7	3 54	3 31	8 33			n.a.
S 18	15 3	18 28	5 12	19 0	0 40	19 27	4 10	4 47	0 30	23 47	0 18	12 38	1 55	23 37	0 27	22 39	0 48	16 7	5 7	3 55	3 32	8 35			n.a.
S 19	14 45	18 31	4 57	19 11	0 22	19 32	4 3	4 30	0 29	23 47	0 18	12 39	1 55	23 37	0 27	22 39	0 48	16 7	5 7	3 57	3 34	8 37			n.a.
M20	14 25	17 34	4 27	19 19	0 6	19 36	3 56	4 13	0 29	23 46	0 18	12 40	1 55	23 37	0 27	22 39	0 48	16 7	5 7	3 59	3 35	8 39			n.a.
T 21	14 6	15 37	3 41	19 24	0n10	19 40	3 49	3 56	0 28	23 46	0 18	12 41	1 55	23 36	0 27	22 39	0 48	16 7	5 8	4 0	3 36	8 40			n.a.
W22	13 47	12 43	2 41	19 26	0 25	19 44	3 43	3 40	0 27	23 45	0 18	12 43	1 55	23 36	0 27	22 39	0 48	16 7	5 8	4 2	3 37	8 42			n.a.
T 23	13 27	9 1	1 30	19 25	0 38	19 47	3 36	3 23	0 27	23 45	0 18	12 44	1 54	23 36	0 27	22 39	0 48	16 7	5 8	4 2	3 39	8 44			n.a.
F 24	13 7	4 44	0 12	19 20	0 51	19 50	3 29	3 6	0 26	23 44	0 18	12 45	1 54	23 36	0 27	22 39	0 48	16 7	5 8	4 3	3 40	8 45			n.a.
S 25	12 47	0 9	1s 7	19 11	1 2	19 53	3 23	2 49	0 26	23 43	0 19	12 46	1 54	23 35	0 27	22 39	0 48	16 7	5 8	4 3	3 41	8 47			n.a.
S 26	12 26	4n27	2 22	19 0	1 12	19 55	3 16	2 32	0 25	23 43	0 19	12 48	1 54	23 35	0 27	22 39	0 48	16 7	5 8	4 2	3 43	8 49			n.a.
M27	12 6	8 45	3 28	18 45	1 21	19 57	3 9	2 15	0 24	23 42	0 19	12 49	1 53	23 35	0 28	22 39	0 48	16 7	5 8	4 2	3 44	8 50			n.a.
T 28	11 45	12 31	4 20	18 27	1 29	19 58	3 3	1 58	0 24	23 41	0 19	12 51	1 53	23 35	0 28	22 39	0 48	16 7	5 8	4 1	3 45	8 52			n.a.
W29	11 24	15 29	4 56	18 7	1 35	19 59	2 56	1 40	0 23	23 41	0 19	12 52	1 53	23 34	0 28	22 39	0 48	16 7	5 8	4 1	3 46	8 54			n.a.
T 30	11 3	17 31	5 14	17 43	1 41	20 0	2 49	1 23	0 22	23 40	0 19	12 54	1 53	23 34	0 28	22 39	0 48	16 7	5 8	4 1	3 48	8 56			n.a.
F 31	10n41	18n29	5s13	17n17	1n45	20n 0	2s43	1n 6	0n22	23n40	0n19	12s55	1n53	23n34	0n28	22s39	0n48	16n 7	5s 8	4n 2	3n49	8s57			n.a.

Julian Day Number = 1607677.5, Delta T = 03h55m14s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'16, Lahiri = - 8°15'16 Julian Calendar 1 Aug. 312 BCE == Greg. Calendar 27 July 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

SEPTEMBER 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 22 15	3♍32'42	10♋53	19♌40	17♋28	28♍46	10♋20	9♏ 8	12♋51	21°R15	3♊47	19°R55	20♍26	1♏34	n.a.	S 1
S 2	22 26 12	4°31'54	24°12	21°22	18°23	29°27	10°30	9°12	12°53	21♐15	3°47	19♍53	20°23	1°40	n.a.	S 2
M 3	22 30 8	5°31'09	7♌17	23° 5	19°20	0♎ 9	10°40	9°17	12°56	21°15	3°47	19°51	20°20	1°47	n.a.	M 3
T 4	22 34 5	6°30'26	20° 7	24°50	20°17	0°51	10°50	9°21	12°58	21°15	3°47	19°49	20°16	1°54	n.a.	T 4
W 5	22 38 1	7°29'45	2♍45	26°35	21°14	1°32	11° 0	9°25	13° 1	21°15	3°47	19°48	20°13	2° 0	n.a.	W 5
T 6	22 41 58	8°29'06	15° 9	28°21	22°12	2°14	11°10	9°30	13° 3	21°14	3°47	19°D47	20°10	2° 7	n.a.	T 6
F 7	22 45 54	9°28'29	27°22	0♍ 7	23°10	2°55	11°19	9°34	13° 6	21°14	3°47	19°47	20° 7	2°14	n.a.	F 7
S 8	22 49 51	10°27'54	9♎25	1°53	24° 9	3°37	11°29	9°39	13° 8	21°D14	3°R47	19°48	20° 4	2°20	n.a.	S 8
S 9	22 53 47	11°27'21	21°20	3°40	25° 8	4°19	11°38	9°43	13°11	21°14	3°47	19°49	20° 0	2°27	n.a.	S 9
M10	22 57 44	12°26'51	3♏10	5°26	26° 8	5° 1	11°48	9°48	13°13	21°15	3°47	19°50	19°57	2°34	n.a.	M10
T 11	23 1 41	13°26'22	14°59	7°11	27° 8	5°43	11°57	9°53	13°15	21°15	3°47	19°50	19°54	2°40	n.a.	T 11
W12	23 5 37	14°25'55	26°51	8°57	28° 9	6°25	12° 6	9°58	13°17	21°15	3°47	19°51	19°51	2°47	n.a.	W12
T 13	23 9 34	15°25'30	8♐50	10°42	29°10	7° 7	12°15	10° 3	13°20	21°15	3°47	19°51	19°48	2°54	n.a.	T 13
F 14	23 13 30	16°25'07	21° 2	12°26	0♌11	7°49	12°24	10° 8	13°22	21°15	3°47	19°R51	19°45	3° 0	n.a.	F 14
S 15	23 17 27	17°24'46	3♑29	14°10	1°13	8°31	12°33	10°13	13°24	21°15	3°47	19°51	19°41	3° 7	n.a.	S 15
S 16	23 21 23	18°24'27	16°17	15°53	2°15	9°14	12°41	10°18	13°26	21°16	3°47	19°51	19°38	3°14	n.a.	S 16
M17	23 25 20	19°24'09	29°30	17°36	3°18	9°56	12°50	10°23	13°28	21°16	3°47	19°D51	19°35	3°20	n.a.	M17
T 18	23 29 16	20°23'53	13♒ 7	19°18	4°20	10°38	12°58	10°28	13°30	21°16	3°46	19°51	19°32	3°27	n.a.	T 18
W19	23 33 13	21°23'40	27°10	21° 0	5°24	11°21	13° 7	10°34	13°32	21°17	3°46	19°51	19°29	3°34	n.a.	W19
T 20	23 37 10	22°23'28	11♓36	22°40	6°27	12° 3	13°15	10°39	13°34	21°17	3°46	19°51	19°26	3°40	n.a.	T 20
F 21	23 41 6	23°23'18	26°19	24°21	7°31	12°46	13°23	10°44	13°35	21°18	3°46	19°R51	19°22	3°47	n.a.	F 21
S 22	23 45 3	24°23'10	11♈14	26° 0	8°35	13°29	13°31	10°50	13°37	21°18	3°45	19°51	19°19	3°54	n.a.	S 22
S 23	23 48 59	25°23'04	26°11	27°39	9°40	14°11	13°39	10°55	13°39	21°18	3°45	19°50	19°16	4° 1	n.a.	S 23
M24	23 52 56	26°23'01	11♉ 4	29°18	10°44	14°54	13°46	11° 1	13°41	21°19	3°45	19°50	19°13	4° 7	n.a.	M24
T 25	23 56 52	27°23'00	25°44	0♎56	11°50	15°37	13°54	11° 7	13°42	21°20	3°44	19°49	19°10	4°14	n.a.	T 25
W26	0 0 49	28°23'01	10♊ 7	2°33	12°55	16°20	14° 1	11°12	13°44	21°20	3°44	19°48	19° 6	4°21	n.a.	W26
T 27	0 4 45	29°23'04	24° 9	4°10	14° 1	17° 3	14° 8	11°18	13°45	21°21	3°43	19°D48	19° 3	4°27	n.a.	T 27
F 28	0 8 42	0♎23'10	7♋50	5°47	15° 7	17°45	14°16	11°24	13°47	21°22	3°43	19°48	19° 0	4°34	n.a.	F 28
S 29	0 12 38	1°23'18	21°11	7°22	16°13	18°29	14°22	11°30	13°48	21°22	3°43	19°48	18°57	4°41	n.a.	S 29
S 30	0 16 35	2♎23'29	4♌13	8♎58	17♌19	19♎12	14♋29	11♏36	13♋50	21♐23	3♊42	19♍49	18♍54	4♏47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n20	18n23	4s55	16n49	1n49	20n 0	2s36	0n49	0n21	23n39	0n20	12s57	1n52	23n34	0n28	22s39	0n48	16n 7	5s 8	4n 2	3n50	8s59		n.a.
S 2	9 58	17 15	4 21	16 18	1 51	19 59	2 30	0 32	0 20	23 38	0 20	12 58	1 52	23 33	0 28	22 39	0 48	16 7	5 8	4 3	3 51	9 1		n.a.
M 3	9 36	15 13	3 34	15 46	1 53	19 57	2 23	0 14	0 20	23 38	0 20	13 0	1 52	23 33	0 28	22 39	0 48	16 7	5 8	4 4	3 53	9 2		n.a.
T 4	9 14	12 28	2 37	15 11	1 54	19 56	2 17	0s 3	0 19	23 37	0 20	13 1	1 52	23 33	0 28	22 39	0 48	16 7	5 8	4 5	3 54	9 4		n.a.
W 5	8 52	9 10	1 33	14 35	1 54	19 53	2 10	0 20	0 18	23 36	0 20	13 3	1 51	23 33	0 28	22 39	0 48	16 7	5 9	4 5	3 55	9 6		n.a.
T 6	8 29	5 31	0 26	13 58	1 53	19 50	2 4	0 38	0 18	23 36	0 20	13 4	1 51	23 33	0 28	22 39	0 48	16 7	5 9	4 5	3 56	9 7		n.a.
F 7	8 7	1 42	0n42	13 19	1 52	19 47	1 57	0 55	0 17	23 35	0 20	13 6	1 51	23 32	0 28	22 39	0 47	16 7	5 9	4 5	3 58	9 9		n.a.
S 8	7 44	2s 9	1 47	12 39	1 51	19 43	1 51	1 12	0 16	23 34	0 21	13 8	1 51	23 32	0 28	22 39	0 47	16 7	5 9	4 5	3 59	9 11		n.a.
S 9	7 21	5 51	2 46	11 58	1 48	19 39	1 45	1 30	0 16	23 34	0 21	13 9	1 51	23 32	0 28	22 39	0 47	16 7	5 9	4 5	4 0	9 12		n.a.
M10	6 58	9 18	3 38	11 16	1 46	19 34	1 39	1 47	0 15	23 33	0 21	13 11	1 50	23 32	0 28	22 39	0 47	16 7	5 9	4 5	4 2	9 14		n.a.
T 11	6 35	12 22	4 21	10 33	1 42	19 28	1 33	2 5	0 14	23 32	0 21	13 13	1 50	23 31	0 28	22 39	0 47	16 6	5 9	4 4	4 3	9 16		n.a.
W12	6 12	14 57	4 53	9 50	1 39	19 22	1 27	2 22	0 14	23 31	0 21	13 14	1 50	23 31	0 28	22 39	0 47	16 6	5 9	4 4	4 4	9 17		n.a.
T 13	5 49	16 54	5 12	9 6	1 35	19 16	1 20	2 40	0 13	23 31	0 21	13 16	1 50	23 31	0 28	22 39	0 47	16 6	5 9	4 4	4 5	9 19		n.a.
F 14	5 25	18 8	5 18	8 22	1 30	19 9	1 15	2 57	0 12	23 30	0 22	13 18	1 50	23 31	0 28	22 39	0 47	16 6	5 9	4 4	4 7	9 21		n.a.
S 15	5 2	18 32	5 9	7 37	1 26	19 1	1 9	3 14	0 12	23 29	0 22	13 20	1 50	23 31	0 28	22 39	0 47	16 6	5 9	4 4	4 8	9 23		n.a.
S 16	4 38	18 1	4 45	6 52	1 21	18 53	1 3	3 32	0 11	23 29	0 22	13 21	1 49	23 31	0 28	22 39	0 47	16 6	5 9	4 4	4 9	9 24		n.a.
M17	4 15	16 31	4 5	6 7	1 15	18 44	0 57	3 49	0 10	23 28	0 22	13 23	1 49	23 30	0 28	22 39	0 47	16 6	5 9	4 4	4 10	9 26		n.a.
T 18	3 51	14 3	3 10	5 21	1 10	18 35	0 51	4 7	0 10	23 27	0 22	13 25	1 49	23 30	0 28	22 39	0 47	16 6	5 9	4 4	4 12	9 28		n.a.
W19	3 27	10 41	2 3	4 36	1 4	18 25	0 46	4 24	0 9	23 27	0 22	13 27	1 49	23 30	0 28	22 39	0 47	16 6	5 9	4 4	4 13	9 29		n.a.
T 20	3 3	6 36	0 46	3 50	0 59	18 14	0 40	4 42	0 8	23 26	0 23	13 29	1 49	23 30	0 28	22 40	0 47	16 6	5 10	4 4	4 14	9 31		n.a.
F 21	2 39	2 2	0s36	3 5	0 53	18 3	0 35	4 59	0 8	23 26	0 23	13 31	1 48	23 30	0 28	22 40	0 47	16 6	5 10	4 4	4 15	9 33		n.a.
S 22	2 15	2n43	1 56	2 19	0 47	17 52	0 29	5 16	0 7	23 25	0 23	13 33	1 48	23 30	0 28	22 40	0 47	16 5	5 10	4 4	4 17	9 34		n.a.
S 23	1 51	7 18	3 9	1 33	0 40	17 40	0 24	5 34	0 6	23 24	0 23	13 34	1 48	23 29	0 28	22 40	0 47	16 5	5 10	4 4	4 18	9 36		n.a.
M24	1 27	11 24	4 8	0 48	0 34	17 27	0 19	5 51	0 6	23 24	0 23	13 36	1 48	23 29	0 28	22 40	0 47	16 5	5 10	4 5	4 19	9 38		n.a.
T 25	1 3	14 44	4 50	0 3	0 28	17 14	0 13	6 8	0 5	23 23	0 23	13 38	1 48	23 29	0 28	22 40	0 47	16 5	5 10	4 5	4 20	9 39		n.a.
W26	0 39	17 5	5 13	0s42	0 21	17 0	0 8	6 26	0 4	23 22	0 24	13 40	1 48	23 29	0 28	22 40	0 47	16 5	5 10	4 5	4 22	9 41		n.a.
T 27	0 15	18 20	5 16	1 27	0 15	16 46	0 3	6 43	0 4	23 22	0 24	13 42	1 47	23 29	0 28	22 40	0 47	16 5	5 10	4 5	4 23	9 43		n.a.
F 28	0s 9	18 28	5 2	2 12	0 8	16 31	0n 2	7 0	0 3	23 21	0 24	13 44	1 47	23 29	0 28	22 40	0 47	16 5	5 10	4 5	4 24	9 44		n.a.
S 29	0 34	17 34	4 31	2 56	0 1	16 16	0 6	7 17	0 2	23 21	0 24	13 46	1 47	23 29	0 29	22 40	0 47	16 4	5 10	4 5	4 25	9 46		n.a.
S 30	0s58	15n46	3s47	3s41	0s 5	16n 0	0n11	7s35	0n 2	23n20	0n24	13s48	1n47	23n29	0n29	22s40	0n47	16n 4	5s10	4n 5	4n27	9s47		n.a.

Julian Day Number = 1607708.5, Delta T = 03h55m12s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'12, Lahiri = - 8°15'11 Julian Calendar 1 Sept. 312 BCE == Greg. Calendar 27 Aug. 312 BCE

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

OCTOBER 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 20 32	3♎23'41	16♌58	10♎33	18♌26	19♎55	14♋36	11♏42	13♋51	21♐24	3°R42	19♍51	18♍51	4♏54	n.a.	M 1
T 2	0 24 28	4°23'55	29°29	12° 7	19°33	20°38	14°42	11°48	13°52	21°25	3♊41	19°52	18°47	5° 1	n.a.	T 2
W 3	0 28 25	5°24'12	11♍48	13°41	20°40	21°21	14°49	11°54	13°53	21°25	3°40	19°53	18°44	5° 7	n.a.	W 3
T 4	0 32 21	6°24'30	23°58	15°15	21°48	22° 5	14°55	12° 0	13°55	21°26	3°40	19°R53	18°41	5°14	n.a.	T 4
F 5	0 36 18	7°24'51	6♎ 0	16°48	22°55	22°48	15° 1	12° 6	13°56	21°27	3°39	19°52	18°38	5°21	n.a.	F 5
S 6	0 40 14	8°25'13	17°56	18°21	24° 3	23°32	15° 7	12°12	13°57	21°28	3°39	19°50	18°35	5°27	n.a.	S 6
S 7	0 44 11	9°25'37	29°47	19°53	25°11	24°15	15°13	12°18	13°58	21°29	3°38	19°47	18°31	5°34	n.a.	S 7
M 8	0 48 7	10°26'03	11♏37	21°25	26°19	24°59	15°18	12°25	13°59	21°30	3°37	19°44	18°28	5°41	n.a.	M 8
T 9	0 52 4	11°26'30	23°26	22°57	27°28	25°42	15°24	12°31	14° 0	21°31	3°37	19°40	18°25	5°47	n.a.	T 9
W10	0 56 0	12°26'59	5♐19	24°28	28°36	26°26	15°29	12°37	14° 0	21°32	3°36	19°37	18°22	5°54	n.a.	W10
T 11	0 59 57	13°27'30	17°18	25°59	29°45	27°10	15°34	12°44	14° 1	21°33	3°35	19°34	18°19	6° 1	n.a.	T 11
F 12	1 3 54	14°28'02	29°27	27°30	0♑54	27°54	15°39	12°50	14° 2	21°34	3°35	19°31	18°16	6° 8	n.a.	F 12
S 13	1 7 50	15°28'35	11♑50	29° 0	2° 3	28°37	15°44	12°57	14° 3	21°35	3°34	19°D30	18°12	6°14	n.a.	S 13
S 14	1 11 47	16°29'10	24°31	0♏30	3°13	29°21	15°48	13° 3	14° 3	21°37	3°33	19°31	18° 9	6°21	n.a.	S 14
M15	1 15 43	17°29'46	7♒35	2° 0	4°22	0♏ 5	15°53	13°10	14° 4	21°38	3°32	19°32	18° 6	6°28	n.a.	M15
T 16	1 19 40	18°30'24	21° 4	3°29	5°32	0°49	15°57	13°16	14° 4	21°39	3°32	19°33	18° 3	6°34	n.a.	T 16
W17	1 23 36	19°31'02	5♓ 2	4°57	6°42	1°33	16° 1	13°23	14° 5	21°40	3°31	19°35	18° 0	6°41	n.a.	W17
T 18	1 27 33	20°31'42	19°26	6°26	7°52	2°17	16° 5	13°29	14° 5	21°42	3°30	19°R36	17°57	6°48	n.a.	T 18
F 19	1 31 29	21°32'24	4♈15	7°53	9° 2	3° 2	16° 8	13°36	14° 5	21°43	3°29	19°35	17°53	6°54	n.a.	F 19
S 20	1 35 26	22°33'06	19°22	9°20	10°12	3°46	16°12	13°43	14° 6	21°44	3°28	19°32	17°50	7° 1	n.a.	S 20
S 21	1 39 23	23°33'51	4♉38	10°47	11°23	4°30	16°15	13°49	14° 6	21°46	3°27	19°28	17°47	7° 8	n.a.	S 21
M22	1 43 19	24°34'36	19°52	12°13	12°33	5°15	16°18	13°56	14° 6	21°47	3°26	19°23	17°44	7°14	n.a.	M22
T 23	1 47 16	25°35'24	4♊55	13°38	13°44	5°59	16°21	14° 3	14° 6	21°49	3°26	19°18	17°41	7°21	n.a.	T 23
W24	1 51 12	26°36'13	19°36	15° 3	14°55	6°43	16°24	14°10	14° 6	21°50	3°25	19°13	17°37	7°28	n.a.	W24
T 25	1 55 9	27°37'04	3♋53	16°26	16° 6	7°28	16°27	14°16	14°R 6	21°51	3°24	19° 9	17°34	7°35	n.a.	T 25
F 26	1 59 5	28°37'56	17°41	17°49	17°17	8°12	16°29	14°23	14° 6	21°53	3°23	19° 7	17°31	7°41	n.a.	F 26
S 27	2 3 2	29°38'50	1♌ 2	19°10	18°28	8°57	16°32	14°30	14° 6	21°55	3°22	19°D 6	17°28	7°48	n.a.	S 27
S 28	2 6 58	0♏39'45	13°58	20°30	19°40	9°42	16°34	14°37	14° 6	21°56	3°21	19° 7	17°25	7°55	n.a.	S 28
M29	2 10 55	1°40'42	26°34	21°48	20°51	10°26	16°35	14°44	14° 6	21°58	3°20	19° 8	17°22	8° 1	n.a.	M29
T 30	2 14 52	2°41'40	8♍54	23° 5	22° 3	11°11	16°37	14°51	14° 5	21°59	3°19	19°10	17°18	8° 8	n.a.	T 30
W31	2 18 48	3♏42'39	21♍ 1	24♏20	23♍15	11♏56	16♋39	14♏58	14♋ 5	22♐ 1	3♊18	19°R10	17♍15	8♏15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	1s22	13n12	2s52	4s24	0s12	15n44	0n16	7s52	0n 1	23n20	0n25	13s50	1n47	23n28	0n29	22s40	0n47	16n 4	5s10	4n 4	4n28	9s49			n.a.
T 2	1 46	10 4	1 51	5 8	0 18	15 27	0 20	8 9	0 0	23 19	0 25	13 52	1 47	23 28	0 29	22 40	0 47	16 4	5 10	4 4	4 29	9 51			n.a.
W 3	2 10	6 32	0 45	5 51	0 25	15 10	0 25	8 26	0s 0	23 19	0 25	13 54	1 47	23 28	0 29	22 41	0 46	16 4	5 10	4 3	4 31	9 52			n.a.
T 4	2 34	2 46	0n23	6 34	0 32	14 52	0 29	8 43	0 1	23 18	0 25	13 56	1 46	23 28	0 29	22 41	0 46	16 4	5 10	4 3	4 32	9 54			n.a.
F 5	2 59	1s 4	1 28	7 16	0 38	14 34	0 33	9 0	0 2	23 18	0 25	13 58	1 46	23 28	0 29	22 41	0 46	16 4	5 10	4 4	4 33	9 56			n.a.
S 6	3 23	4 50	2 29	7 58	0 45	14 15	0 38	9 17	0 2	23 17	0 25	14 0	1 46	23 28	0 29	22 41	0 46	16 3	5 10	4 4	4 34	9 57			n.a.
S 7	3 47	8 22	3 23	8 39	0 51	13 56	0 42	9 33	0 3	23 17	0 26	14 2	1 46	23 28	0 29	22 41	0 46	16 3	5 10	4 5	4 36	9 59			n.a.
M 8	4 11	11 34	4 8	9 20	0 58	13 37	0 46	9 50	0 3	23 16	0 26	14 4	1 46	23 28	0 29	22 41	0 46	16 3	5 10	4 7	4 37	10 1			n.a.
T 9	4 35	14 18	4 42	10 1	1 4	13 17	0 50	10 7	0 4	23 16	0 26	14 6	1 46	23 28	0 29	22 41	0 46	16 3	5 11	4 8	4 38	10 2			n.a.
W10	4 59	16 27	5 5	10 41	1 10	12 56	0 53	10 24	0 5	23 15	0 26	14 8	1 46	23 28	0 29	22 41	0 46	16 3	5 11	4 10	4 39	10 4			n.a.
T 11	5 22	17 54	5 14	11 20	1 16	12 35	0 57	10 40	0 5	23 15	0 26	14 10	1 45	23 28	0 29	22 41	0 46	16 3	5 11	4 11	4 41	10 6			n.a.
F 12	5 46	18 34	5 10	11 59	1 22	12 14	1 1	10 57	0 6	23 14	0 27	14 12	1 45	23 28	0 29	22 41	0 46	16 2	5 11	4 12	4 42	10 7			n.a.
S 13	6 10	18 22	4 51	12 37	1 28	11 52	1 4	11 13	0 7	23 14	0 27	14 15	1 45	23 28	0 29	22 42	0 46	16 2	5 11	4 12	4 43	10 9			n.a.
S 14	6 33	17 15	4 18	13 14	1 33	11 30	1 8	11 30	0 7	23 14	0 27	14 17	1 45	23 28	0 29	22 42	0 46	16 2	5 11	4 12	4 44	10 11			n.a.
M15	6 57	15 13	3 30	13 51	1 39	11 7	1 11	11 46	0 8	23 13	0 27	14 19	1 45	23 28	0 29	22 42	0 46	16 2	5 11	4 12	4 46	10 12			n.a.
T 16	7 20	12 17	2 30	14 27	1 44	10 45	1 14	12 2	0 9	23 13	0 27	14 21	1 45	23 28	0 29	22 42	0 46	16 2	5 11	4 11	4 47	10 14			n.a.
W17	7 44	8 33	1 19	15 3	1 49	10 21	1 17	12 18	0 9	23 13	0 28	14 23	1 45	23 28	0 29	22 42	0 46	16 2	5 11	4 10	4 48	10 16			n.a.
T 18	8 7	4 13	0 1	15 37	1 54	9 58	1 20	12 34	0 10	23 13	0 28	14 25	1 45	23 28	0 29	22 42	0 46	16 1	5 11	4 10	4 49	10 17			n.a.
F 19	8 30	0n30	1s19	16 11	1 59	9 34	1 23	12 50	0 11	23 12	0 28	14 27	1 45	23 28	0 29	22 42	0 46	16 1	5 11	4 10	4 51	10 19			n.a.
S 20	8 53	5 16	2 36	16 43	2 3	9 9	1 26	13 6	0 11	23 12	0 28	14 29	1 44	23 28	0 29	22 42	0 46	16 1	5 11	4 11	4 52	10 20			n.a.
S 21	9 15	9 45	3 41	17 15	2 7	8 45	1 29	13 22	0 12	23 12	0 28	14 31	1 44	23 28	0 29	22 42	0 46	16 1	5 11	4 13	4 53	10 22			n.a.
M22	9 38	13 34	4 31	17 46	2 11	8 20	1 31	13 38	0 13	23 12	0 29	14 33	1 44	23 28	0 29	22 43	0 46	16 1	5 11	4 15	4 54	10 24			n.a.
T 23	10 1	16 26	5 2	18 16	2 15	7 55	1 34	13 53	0 13	23 12	0 29	14 36	1 44	23 28	0 29	22 43	0 46	16 0	5 11	4 17	4 56	10 25			n.a.
W24	10 23	18 9	5 11	18 44	2 18	7 29	1 36	14 9	0 14	23 11	0 29	14 38	1 44	23 28	0 29	22 43	0 46	16 0	5 11	4 19	4 57	10 27			n.a.
T 25	10 45	18 39	5 1	19 12	2 20	7 3	1 38	14 24	0 15	23 11	0 29	14 40	1 44	23 28	0 29	22 43	0 46	16 0	5 11	4 21	4 58	10 29			n.a.
F 26	11 7	18 1	4 34	19 38	2 23	6 37	1 40	14 39	0 15	23 11	0 29	14 42	1 44	23 28	0 29	22 43	0 46	16 0	5 11	4 22	4 59	10 30			n.a.
S 27	11 29	16 24	3 52	20 3	2 25	6 11	1 42	14 54	0 16	23 11	0 30	14 44	1 44	23 28	0 29	22 43	0 46	16 0	5 11	4 22	5 1	10 32			n.a.
S 28	11 51	13 58	2 59	20 26	2 26	5 44	1 44	15 9	0 16	23 11	0 30	14 46	1 44	23 28	0 30	22 43	0 46	15 59	5 11	4 22	5 2	10 33			n.a.
M29	12 12	10 56	2 0	20 48	2 27	5 17	1 46	15 24	0 17	23 11	0 30	14 48	1 44	23 28	0 30	22 43	0 46	15 59	5 11	4 21	5 3	10 35			n.a.
T 30	12 33	7 29	0 56	21 9	2 27	4 50	1 48	15 39	0 18	23 11	0 30	14 50	1 44	23 28	0 30	22 44	0 46	15 59	5 11	4 20	5 4	10 37			n.a.
W31	12s54	3n45	0n10	21s27	2s27	4n23	1n49	15s54	0s18	23n11	0n31	14s52	1n43	23n28	0n30	22s44	0n46	15n59	5s11	4n20	5n 6	10s38			n.a.

Julian Day Number = 1607738.5, Delta T = 03h55m11s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'08, Lahiri = - 8°15'07 Julian Calendar 1 Oct. 312 BCE == Greg. Calendar 26 Sept. 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

NOVEMBER 312 BCE (-311) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 22 45	4♏43'40	2♎59	25♏32	24♍27	12♏41	16♋40	15♏ 5	14°R 5	22♐ 3	3°R17	19°R 9	17♍12	8♏21	n.a.	T 1
F 2	2 26 41	5°44'42	14°53	26°42	25°39	13°26	16°41	15°12	14♋ 4	22° 4	3♊16	19♍ 6	17° 9	8°28	n.a.	F 2
S 3	2 30 38	6°45'45	26°43	27°48	26°51	14°11	16°42	15°18	14° 4	22° 6	3°15	19° 0	17° 6	8°35	n.a.	S 3
S 4	2 34 34	7°46'50	8♏33	28°51	28° 3	14°56	16°42	15°25	14° 3	22° 8	3°13	18°52	17° 2	8°41	n.a.	S 4
M 5	2 38 31	8°47'55	20°24	29°50	29°15	15°41	16°43	15°32	14° 3	22° 9	3°12	18°42	16°59	8°48	n.a.	M 5
T 6	2 42 27	9°49'01	2♐17	0♐44	0♎27	16°26	16°43	15°39	14° 2	22°11	3°11	18°31	16°56	8°55	n.a.	T 6
W 7	2 46 24	10°50'08	14°14	1°32	1°40	17°11	16°R43	15°46	14° 1	22°13	3°10	18°21	16°53	9° 2	n.a.	W 7
T 8	2 50 21	11°51'16	26°18	2°15	2°52	17°57	16°43	15°53	14° 1	22°15	3° 9	18°11	16°50	9° 8	n.a.	T 8
F 9	2 54 17	12°52'24	8♑29	2°51	4° 5	18°42	16°43	16° 0	14° 0	22°17	3° 8	18° 4	16°47	9°15	n.a.	F 9
S 10	2 58 14	13°53'33	20°52	3°18	5°17	19°27	16°42	16° 7	13°59	22°19	3° 7	17°59	16°43	9°22	n.a.	S 10
S 11	3 2 10	14°54'43	3♒30	3°38	6°30	20°13	16°42	16°14	13°58	22°21	3° 6	17°56	16°40	9°28	n.a.	S 11
M12	3 6 7	15°55'53	16°26	3°R48	7°43	20°58	16°41	16°21	13°57	22°22	3° 5	17°D55	16°37	9°35	n.a.	M12
T 13	3 10 3	16°57'03	29°45	3°47	8°56	21°43	16°40	16°28	13°56	22°24	3° 3	17°56	16°34	9°42	n.a.	T 13
W14	3 14 0	17°58'13	13♓29	3°36	10° 9	22°29	16°38	16°35	13°55	22°26	3° 2	17°R56	16°31	9°48	n.a.	W14
T 15	3 17 56	18°59'24	27°40	3°13	11°22	23°15	16°37	16°42	13°54	22°28	3° 1	17°56	16°28	9°55	n.a.	T 15
F 16	3 21 53	20° 0'36	12♈17	2°38	12°35	24° 0	16°35	16°49	13°53	22°30	3° 0	17°54	16°24	10° 2	n.a.	F 16
S 17	3 25 50	21° 1'47	27°17	1°52	13°48	24°46	16°33	16°56	13°51	22°32	2°59	17°49	16°21	10° 8	n.a.	S 17
S 18	3 29 46	22° 2'59	12♉32	0°56	15° 1	25°31	16°31	17° 3	13°50	22°34	2°57	17°41	16°18	10°15	n.a.	S 18
M19	3 33 43	23° 4'11	27°52	29♏49	16°14	26°17	16°29	17°10	13°49	22°36	2°56	17°32	16°15	10°22	n.a.	M19
T 20	3 37 39	24° 5'24	13♊ 5	28°35	17°28	27° 3	16°26	17°17	13°47	22°38	2°55	17°21	16°12	10°29	n.a.	T 20
W21	3 41 36	25° 6'37	28° 1	27°16	18°41	27°49	16°24	17°24	13°46	22°40	2°54	17°11	16° 8	10°35	n.a.	W21
T 22	3 45 32	26° 7'51	12♋31	25°54	19°55	28°35	16°21	17°31	13°44	22°42	2°53	17° 2	16° 5	10°42	n.a.	T 22
F 23	3 49 29	27° 9'06	26°31	24°32	21° 8	29°20	16°18	17°38	13°43	22°45	2°51	16°56	16° 2	10°49	n.a.	F 23
S 24	3 53 26	28°10'20	10♌ 1	23°12	22°22	0♐ 6	16°15	17°45	13°41	22°47	2°50	16°53	15°59	10°55	n.a.	S 24
S 25	3 57 22	29°11'36	23° 2	21°58	23°35	0°52	16°11	17°52	13°40	22°49	2°49	16°51	15°56	11° 2	n.a.	S 25
M26	4 1 19	0♐12'51	5♍38	20°51	24°49	1°38	16° 8	17°59	13°38	22°51	2°48	16°D51	15°53	11° 9	n.a.	M26
T 27	4 5 15	1°14'08	17°55	19°53	26° 3	2°24	16° 4	18° 6	13°36	22°53	2°47	16°R51	15°49	11°15	n.a.	T 27
W28	4 9 12	2°15'24	29°58	19° 4	27°16	3°11	16° 0	18°13	13°35	22°55	2°45	16°50	15°46	11°22	n.a.	W28
T 29	4 13 8	3°16'41	11♎52	18°26	28°30	3°57	15°56	18°20	13°33	22°57	2°44	16°48	15°43	11°29	n.a.	T 29
F 30	4 17 5	4♐17'58	23♎42	17♏58	29♎44	4♐43	15♋52	18♏27	13♋31	22♐59	2♊43	16♍42	15♍40	11♏36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s15	0s 4	1n14	21s44	2s26	3n56	1n51	16s 8	0s19	23n11	0n31	14s55	1n43	23n28	0n30	22s44	0n46	15n59	5s11	4n21	5n 7	10s40		n.a.
F 2	13 36	3 52	2 14	22 0	2 25	3 28	1 52	16 22	0 20	23 11	0 31	14 57	1 43	23 28	0 30	22 44	0 45	15 58	5 11	4 22	5 8	10 42		n.a.
S 3	13 56	7 30	3 8	22 13	2 22	3 0	1 54	16 37	0 20	23 11	0 31	14 59	1 43	23 28	0 30	22 44	0 45	15 58	5 11	4 24	5 9	10 43		n.a.
S 4	14 16	10 50	3 54	22 24	2 19	2 32	1 55	16 51	0 21	23 11	0 31	15 1	1 43	23 28	0 30	22 44	0 45	15 58	5 11	4 28	5 11	10 45		n.a.
M 5	14 36	13 44	4 30	22 33	2 15	2 4	1 56	17 5	0 21	23 12	0 32	15 3	1 43	23 28	0 30	22 44	0 45	15 58	5 11	4 31	5 12	10 46		n.a.
T 6	14 56	16 4	4 54	22 39	2 9	1 36	1 57	17 18	0 22	23 12	0 32	15 5	1 43	23 29	0 30	22 45	0 45	15 58	5 11	4 36	5 13	10 48		n.a.
W 7	15 15	17 44	5 5	22 43	2 3	1 8	1 58	17 32	0 23	23 12	0 32	15 7	1 43	23 29	0 30	22 45	0 45	15 57	5 11	4 40	5 14	10 50		n.a.
T 8	15 35	18 38	5 3	22 45	1 55	0 39	1 59	17 46	0 23	23 12	0 32	15 9	1 43	23 29	0 30	22 45	0 45	15 57	5 11	4 43	5 16	10 51		n.a.
F 9	15 53	18 41	4 47	22 43	1 47	0 11	1 59	17 59	0 24	23 13	0 33	15 11	1 43	23 29	0 30	22 45	0 45	15 57	5 11	4 46	5 17	10 53		n.a.
S 10	16 12	17 51	4 17	22 39	1 36	0s18	2 0	18 12	0 25	23 13	0 33	15 13	1 43	23 29	0 30	22 45	0 45	15 57	5 11	4 49	5 18	10 54		n.a.
S 11	16 30	16 8	3 35	22 31	1 25	0 46	2 0	18 25	0 25	23 13	0 33	15 16	1 43	23 29	0 30	22 45	0 45	15 57	5 11	4 50	5 19	10 56		n.a.
M12	16 48	13 33	2 40	22 21	1 12	1 15	2 1	18 38	0 26	23 13	0 33	15 18	1 43	23 29	0 30	22 45	0 45	15 56	5 11	4 50	5 21	10 58		n.a.
T 13	17 6	10 12	1 36	22 6	0 58	1 44	2 1	18 51	0 26	23 14	0 33	15 20	1 43	23 29	0 30	22 45	0 45	15 56	5 11	4 50	5 22	10 59		n.a.
W14	17 24	6 12	0 24	21 49	0 42	2 13	2 1	19 3	0 27	23 14	0 34	15 22	1 43	23 30	0 30	22 46	0 45	15 56	5 11	4 49	5 23	11 1		n.a.
T 15	17 41	1 44	0s52	21 27	0 24	2 41	2 1	19 15	0 28	23 15	0 34	15 24	1 43	23 30	0 30	22 46	0 45	15 56	5 11	4 50	5 24	11 2		n.a.
F 16	17 58	2n59	2 6	21 2	0 6	3 10	2 1	19 27	0 28	23 15	0 34	15 26	1 42	23 30	0 30	22 46	0 45	15 56	5 11	4 50	5 26	11 4		n.a.
S 17	18 14	7 38	3 14	20 34	0n13	3 39	2 1	19 39	0 29	23 15	0 34	15 28	1 42	23 30	0 30	22 46	0 45	15 55	5 11	4 52	5 27	11 6		n.a.
S 18	18 30	11 51	4 8	20 3	0 33	4 8	2 1	19 51	0 29	23 16	0 35	15 30	1 42	23 30	0 30	22 46	0 45	15 55	5 11	4 55	5 28	11 7		n.a.
M19	18 46	15 17	4 45	19 29	0 54	4 36	2 1	20 3	0 30	23 16	0 35	15 32	1 42	23 30	0 30	22 46	0 45	15 55	5 11	4 59	5 29	11 9		n.a.
T 20	19 1	17 39	5 2	18 53	1 14	5 5	2 1	20 14	0 31	23 17	0 35	15 34	1 42	23 31	0 30	22 46	0 45	15 55	5 11	5 3	5 31	11 10		n.a.
W21	19 16	18 45	4 57	18 16	1 33	5 34	2 0	20 25	0 31	23 18	0 35	15 36	1 42	23 31	0 30	22 47	0 45	15 55	5 11	5 7	5 32	11 12		n.a.
T 22	19 31	18 35	4 34	17 39	1 52	6 2	2 0	20 36	0 32	23 18	0 35	15 38	1 42	23 31	0 30	22 47	0 45	15 54	5 11	5 11	5 33	11 14		n.a.
F 23	19 46	17 17	3 54	17 3	2 9	6 30	1 59	20 47	0 32	23 19	0 36	15 40	1 42	23 31	0 30	22 47	0 45	15 54	5 11	5 13	5 34	11 15		n.a.
S 24	20 0	15 1	3 3	16 29	2 23	6 59	1 58	20 57	0 33	23 19	0 36	15 42	1 42	23 31	0 30	22 47	0 45	15 54	5 11	5 15	5 36	11 17		n.a.
S 25	20 13	12 4	2 3	15 58	2 36	7 27	1 57	21 8	0 34	23 20	0 36	15 44	1 42	23 31	0 30	22 47	0 45	15 54	5 11	5 15	5 37	11 18		n.a.
M26	20 27	8 38	0 59	15 31	2 46	7 55	1 57	21 18	0 34	23 21	0 36	15 46	1 42	23 32	0 30	22 47	0 45	15 54	5 11	5 15	5 38	11 20		n.a.
T 27	20 39	4 55	0n 6	15 7	2 54	8 23	1 56	21 28	0 35	23 21	0 37	15 48	1 42	23 32	0 30	22 47	0 45	15 53	5 11	5 15	5 39	11 22		n.a.
W28	20 52	1 4	1 9	14 49	3 0	8 51	1 55	21 37	0 35	23 22	0 37	15 50	1 42	23 32	0 31	22 48	0 45	15 53	5 11	5 15	5 41	11 23		n.a.
T 29	21 4	2s47	2 9	14 35	3 4	9 18	1 54	21 47	0 36	23 23	0 37	15 52	1 42	23 32	0 31	22 48	0 45	15 53	5 10	5 16	5 42	11 25		n.a.
F 30	21s16	6s30	3n 2	14s26	3n 5	9s46	1n52	21s56	0s36	23n23	0n37	15s53	1n42	23n32	0n31	22s48	0n45	15n53	5s10	5n19	5n43	11s26		n.a.

Julian Day Number = 1607769.5, Delta T = 03h55m10s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°22'04, Lahiri = - 8°15'03 Julian Calendar 1 Nov. 312 BCE == Greg. Calendar 27 Oct. 312 BCE

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ASTRODIENST EPHEMERIS for the year 312 BCE
geocentric

DECEMBER 312 BCE (-311) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 21 1	5♐19'15	5♏30	17°R41	0♏58	5♐29	15°R47	18♏33	13°R29	23♐ 2	2°R42	16°R34	15♍37	11♏42	n.a.	S 1
S 2	4 24 58	6°20'32	17°20	17°D33	2°12	6°15	15♋42	18°40	13♋27	23° 4	2♊41	16♍22	15°34	11°49	n.a.	S 2
M 3	4 28 55	7°21'49	29°15	17♏35	3°26	7° 2	15°38	18°47	13°25	23° 6	2°39	16° 9	15°30	11°56	n.a.	M 3
T 4	4 32 51	8°23'06	11♐15	17°46	4°40	7°48	15°33	18°54	13°23	23° 8	2°38	15°54	15°27	12° 2	n.a.	T 4
W 5	4 36 48	9°24'23	23°21	18° 4	5°54	8°34	15°27	19° 0	13°21	23°10	2°37	15°39	15°24	12° 9	n.a.	W 5
T 6	4 40 44	10°25'40	5♑36	18°30	7° 8	9°21	15°22	19° 7	13°19	23°13	2°36	15°25	15°21	12°16	n.a.	T 6
F 7	4 44 41	11°26'56	17°58	19° 2	8°22	10° 7	15°17	19°14	13°17	23°15	2°34	15°14	15°18	12°22	n.a.	F 7
S 8	4 48 37	12°28'12	0♒30	19°40	9°36	10°54	15°11	19°21	13°15	23°17	2°33	15° 5	15°14	12°29	n.a.	S 8
S 9	4 52 34	13°29'27	13°14	20°23	10°50	11°40	15° 5	19°27	13°13	23°19	2°32	15° 0	15°11	12°36	n.a.	S 9
M10	4 56 30	14°30'42	26°12	21°11	12° 4	12°27	14°59	19°34	13°11	23°22	2°31	14°57	15° 8	12°43	n.a.	M10
T 11	5 0 27	15°31'55	9♓26	22° 3	13°18	13°13	14°53	19°40	13° 9	23°24	2°30	14°57	15° 5	12°49	n.a.	T 11
W12	5 4 24	16°33'08	23° 1	22°59	14°32	14° 0	14°47	19°47	13° 7	23°26	2°28	14°56	15° 2	12°56	n.a.	W12
T 13	5 8 20	17°34'20	6♈57	23°59	15°46	14°46	14°41	19°53	13° 4	23°28	2°27	14°56	14°59	13° 3	n.a.	T 13
F 14	5 12 17	18°35'32	21°16	25° 1	17° 0	15°33	14°34	20° 0	13° 2	23°31	2°26	14°53	14°55	13° 9	n.a.	F 14
S 15	5 16 13	19°36'42	5♉56	26° 6	18°15	16°20	14°28	20° 6	13° 0	23°33	2°25	14°47	14°52	13°16	n.a.	S 15
S 16	5 20 10	20°37'52	20°52	27°14	19°29	17° 6	14°21	20°13	12°57	23°35	2°24	14°39	14°49	13°23	n.a.	S 16
M17	5 24 6	21°39'00	5♊57	28°23	20°43	17°53	14°14	20°19	12°55	23°38	2°23	14°28	14°46	13°30	n.a.	M17
T 18	5 28 3	22°40'09	21° 1	29°35	21°57	18°40	14° 7	20°25	12°53	23°40	2°22	14°17	14°43	13°36	n.a.	T 18
W19	5 32 0	23°41'16	5♋53	0♐49	23°12	19°26	14° 0	20°32	12°50	23°42	2°20	14° 5	14°40	13°43	n.a.	W19
T 20	5 35 56	24°42'22	20°25	2° 4	24°26	20°13	13°53	20°38	12°48	23°44	2°19	13°55	14°36	13°50	n.a.	T 20
F 21	5 39 53	25°43'28	4♌30	3°20	25°40	21° 0	13°46	20°44	12°45	23°47	2°18	13°47	14°33	13°56	n.a.	F 21
S 22	5 43 49	26°44'34	18° 7	4°39	26°55	21°47	13°39	20°50	12°43	23°49	2°17	13°42	14°30	14° 3	n.a.	S 22
S 23	5 47 46	27°45'38	1♍15	5°58	28° 9	22°34	13°31	20°56	12°40	23°51	2°16	13°40	14°27	14°10	n.a.	S 23
M24	5 51 42	28°46'42	13°58	7°19	29°23	23°21	13°24	21° 2	12°38	23°53	2°15	13°D39	14°24	14°16	n.a.	M24
T 25	5 55 39	29°47'45	26°19	8°40	0♐38	24° 8	13°16	21° 8	12°35	23°56	2°14	13°R39	14°20	14°23	n.a.	T 25
W26	5 59 35	0♑48'47	8♎24	10° 3	1°52	24°54	13° 9	21°14	12°33	23°58	2°13	13°39	14°17	14°30	n.a.	W26
T 27	6 3 32	1°49'49	20°19	11°27	3° 6	25°41	13° 1	21°20	12°30	24° 0	2°12	13°37	14°14	14°37	n.a.	T 27
F 28	6 7 29	2°50'50	2♏ 9	12°52	4°21	26°28	12°53	21°26	12°28	24° 3	2°11	13°33	14°11	14°43	n.a.	F 28
S 29	6 11 25	3°51'50	13°58	14°17	5°35	27°15	12°46	21°32	12°25	24° 5	2°10	13°27	14° 8	14°50	n.a.	S 29
S 30	6 15 22	4°52'49	25°51	15°44	6°49	28° 2	12°38	21°37	12°22	24° 7	2° 9	13°17	14° 5	14°57	n.a.	S 30
M31	6 19 18	5♑53'47	7♐50	17♐11	8♐ 4	28♐49	12♋30	21♏43	12♋20	24♐ 9	2♊ 8	13♍ 6	14♍ 1	15♏ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s27	9s57	3n47	14s21	3n 5	10s13	1n51	22s 5	0s37	23n24	0n37	15s55	1n42	23n33	0n31	22s48	0n45	15n53	5s10	5n22	5n44	11s28		n.a.
S 2	21 38	13 1	4 23	14 21	3 3	10 40	1 50	22 14	0 38	23 25	0 38	15 57	1 42	23 33	0 31	22 48	0 45	15 53	5 10	5 26	5 46	11 29		n.a.
M 3	21 48	15 34	4 47	14 24	3 0	11 7	1 48	22 22	0 38	23 26	0 38	15 59	1 42	23 33	0 31	22 48	0 45	15 52	5 10	5 32	5 47	11 31		n.a.
T 4	21 58	17 28	4 59	14 31	2 56	11 33	1 47	22 31	0 39	23 27	0 38	16 1	1 42	23 33	0 31	22 48	0 45	15 52	5 10	5 38	5 48	11 33		n.a.
W 5	22 8	18 37	4 57	14 41	2 51	12 0	1 45	22 39	0 39	23 27	0 38	16 3	1 42	23 34	0 31	22 48	0 45	15 52	5 10	5 44	5 49	11 34		n.a.
T 6	22 17	18 55	4 42	14 54	2 45	12 26	1 44	22 47	0 40	23 28	0 38	16 5	1 42	23 34	0 31	22 49	0 45	15 52	5 10	5 49	5 51	11 36		n.a.
F 7	22 26	18 20	4 13	15 9	2 39	12 51	1 42	22 54	0 40	23 29	0 39	16 6	1 42	23 34	0 31	22 49	0 45	15 52	5 10	5 53	5 52	11 37		n.a.
S 8	22 34	16 51	3 32	15 26	2 32	13 17	1 40	23 1	0 41	23 30	0 39	16 8	1 42	23 34	0 31	22 49	0 45	15 52	5 10	5 57	5 53	11 39		n.a.
S 9	22 42	14 31	2 39	15 45	2 24	13 42	1 38	23 9	0 41	23 31	0 39	16 10	1 42	23 35	0 31	22 49	0 45	15 51	5 10	5 59	5 54	11 40		n.a.
M10	22 49	11 25	1 37	16 5	2 16	14 7	1 37	23 15	0 42	23 32	0 39	16 12	1 42	23 35	0 31	22 49	0 45	15 51	5 10	6 0	5 56	11 42		n.a.
T 11	22 56	7 41	0 29	16 26	2 8	14 31	1 35	23 22	0 43	23 33	0 40	16 14	1 42	23 35	0 31	22 49	0 45	15 51	5 10	6 0	5 57	11 44		n.a.
W12	23 2	3 27	0s43	16 49	2 0	14 55	1 33	23 28	0 43	23 33	0 40	16 15	1 42	23 35	0 31	22 49	0 45	15 51	5 10	6 0	5 58	11 45		n.a.
T 13	23 8	1n 4	1 54	17 12	1 51	15 19	1 31	23 34	0 44	23 34	0 40	16 17	1 42	23 36	0 31	22 50	0 45	15 51	5 9	6 0	5 59	11 47		n.a.
F 14	23 14	5 38	2 59	17 35	1 43	15 42	1 29	23 40	0 44	23 35	0 40	16 19	1 42	23 36	0 31	22 50	0 45	15 51	5 9	6 1	6 1	11 48		n.a.
S 15	23 19	9 58	3 55	17 59	1 34	16 5	1 27	23 45	0 45	23 36	0 40	16 21	1 42	23 36	0 31	22 50	0 45	15 51	5 9	6 4	6 2	11 50		n.a.
S 16	23 24	13 46	4 35	18 24	1 25	16 28	1 24	23 51	0 45	23 37	0 40	16 22	1 42	23 36	0 31	22 50	0 45	15 50	5 9	6 7	6 3	11 51		n.a.
M17	23 28	16 41	4 57	18 48	1 17	16 50	1 22	23 56	0 46	23 38	0 41	16 24	1 42	23 37	0 31	22 50	0 45	15 50	5 9	6 11	6 4	11 53		n.a.
T 18	23 31	18 28	4 58	19 12	1 8	17 12	1 20	24 0	0 46	23 39	0 41	16 26	1 42	23 37	0 31	22 50	0 45	15 50	5 9	6 16	6 5	11 55		n.a.
W19	23 35	18 57	4 39	19 36	0 59	17 33	1 18	24 5	0 47	23 40	0 41	16 27	1 42	23 37	0 31	22 50	0 45	15 50	5 9	6 20	6 7	11 56		n.a.
T 20	23 37	18 10	4 2	20 0	0 51	17 54	1 15	24 9	0 47	23 41	0 41	16 29	1 42	23 37	0 31	22 50	0 45	15 50	5 9	6 24	6 8	11 58		n.a.
F 21	23 40	16 16	3 11	20 23	0 42	18 14	1 13	24 13	0 48	23 42	0 41	16 30	1 42	23 38	0 31	22 50	0 44	15 50	5 9	6 27	6 9	11 59		n.a.
S 22	23 41	13 31	2 11	20 46	0 34	18 34	1 10	24 16	0 48	23 43	0 42	16 32	1 43	23 38	0 31	22 51	0 44	15 50	5 9	6 29	6 10	12 1		n.a.
S 23	23 43	10 9	1 5	21 9	0 26	18 53	1 8	24 20	0 49	23 44	0 42	16 34	1 43	23 38	0 31	22 51	0 44	15 50	5 9	6 30	6 12	12 2		n.a.
M24	23 43	6 25	0n 2	21 31	0 17	19 12	1 5	24 23	0 49	23 45	0 42	16 35	1 43	23 38	0 31	22 51	0 44	15 49	5 8	6 30	6 13	12 4		n.a.
T 25	23 44	2 30	1 7	21 52	0 9	19 30	1 3	24 25	0 50	23 45	0 42	16 37	1 43	23 39	0 31	22 51	0 44	15 49	5 8	6 30	6 14	12 5		n.a.
W26	23 44	1s25	2 7	22 12	0 1	19 48	1 0	24 28	0 50	23 46	0 42	16 38	1 43	23 39	0 31	22 51	0 44	15 49	5 8	6 30	6 15	12 7		n.a.
T 27	23 43	5 14	3 2	22 32	0s 6	20 5	0 58	24 30	0 50	23 47	0 42	16 40	1 43	23 39	0 31	22 51	0 44	15 49	5 8	6 31	6 17	12 8		n.a.
F 28	23 42	8 48	3 48	22 51	0 14	20 22	0 55	24 32	0 51	23 48	0 43	16 41	1 43	23 39	0 31	22 51	0 44	15 49	5 8	6 32	6 18	12 10		n.a.
S 29	23 40	12 2	4 24	23 9	0 21	20 38	0 53	24 33	0 51	23 49	0 43	16 43	1 43	23 40	0 31	22 51	0 44	15 49	5 8	6 35	6 19	12 12		n.a.
S 30	23 38	14 47	4 48	23 26	0 28	20 54	0 50	24 35	0 52	23 50	0 43	16 44	1 43	23 40	0 31	22 51	0 44	15 49	5 8	6 39	6 20	12 13		n.a.
M31	23s36	16s56	5n 1	23s42	0s35	21s 9	0n47	24s36	0s52	23n51	0n43	16s46	1n43	23n40	0n31	22s52	0n44	15n49	5s 8	6n43	6n22	12s15		n.a.

Julian Day Number = 1607799.5, Delta T = 03h55m09s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'59, Lahiri = - 8°14'59 Julian Calendar 1 Dec. 312 BCE == Greg. Calendar 26 Nov. 312 BCE

The year -311 astronomical counting style corresponds to year 312 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

JANUARY 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 23 15	6♑54'44	19♐57	18♐39	9♐18	29♐37	12°R22	21♏49	12°R17	24♐12	2°R 7	12°R53	13♍58	15♏10	n.a.	T 1
W 2	6 27 11	7°55'40	2♑15	20° 8	10°33	0♑24	12♋14	21°54	12♋15	24°14	2♊ 6	12♍40	13°55	15°17	n.a.	W 2
T 3	6 31 8	8°56'34	14°44	21°38	11°47	1°11	12° 6	22° 0	12°12	24°16	2° 5	12°28	13°52	15°24	n.a.	T 3
F 4	6 35 4	9°57'27	27°23	23° 9	13° 1	1°58	11°58	22° 5	12° 9	24°18	2° 4	12°18	13°49	15°30	n.a.	F 4
S 5	6 39 1	10°58'19	10♒13	24°40	14°16	2°45	11°50	22°11	12° 7	24°20	2° 3	12°11	13°46	15°37	n.a.	S 5
S 6	6 42 58	11°59'10	23°14	26°13	15°30	3°32	11°42	22°16	12° 4	24°23	2° 2	12° 7	13°42	15°44	n.a.	S 6
M 7	6 46 54	12°59'58	6♓26	27°46	16°45	4°19	11°34	22°21	12° 2	24°25	2° 1	12°D 5	13°39	15°50	n.a.	M 7
T 8	6 50 51	14° 0'45	19°51	29°19	17°59	5° 6	11°26	22°27	11°59	24°27	2° 0	12° 5	13°36	15°57	n.a.	T 8
W 9	6 54 47	15° 1'30	3♈28	0♑54	19°14	5°53	11°18	22°32	11°56	24°29	1°59	12° 6	13°33	16° 4	n.a.	W 9
T 10	6 58 44	16° 2'14	17°20	2°29	20°28	6°41	11°10	22°37	11°54	24°31	1°59	12°R 6	13°30	16°10	n.a.	T 10
F 11	7 2 40	17° 2'55	1♉27	4° 5	21°42	7°28	11° 2	22°42	11°51	24°33	1°58	12° 5	13°26	16°17	n.a.	F 11
S 12	7 6 37	18° 3'35	15°48	5°42	22°57	8°15	10°54	22°47	11°48	24°36	1°57	12° 2	13°23	16°24	n.a.	S 12
S 13	7 10 33	19° 4'13	0♊19	7°20	24°11	9° 2	10°47	22°52	11°46	24°38	1°56	11°57	13°20	16°31	n.a.	S 13
M14	7 14 30	20° 4'49	14°57	8°59	25°25	9°49	10°39	22°57	11°43	24°40	1°55	11°50	13°17	16°37	n.a.	M14
T 15	7 18 27	21° 5'24	29°35	10°38	26°40	10°37	10°31	23° 1	11°41	24°42	1°55	11°41	13°14	16°44	n.a.	T 15
W16	7 22 23	22° 5'56	14♋ 5	12°19	27°54	11°24	10°23	23° 6	11°38	24°44	1°54	11°33	13°11	16°51	n.a.	W16
T 17	7 26 20	23° 6'27	28°21	14° 0	29° 9	12°11	10°16	23°11	11°36	24°46	1°53	11°26	13° 7	16°57	n.a.	T 17
F 18	7 30 16	24° 6'56	12♌18	15°42	0♑23	12°58	10° 8	23°15	11°33	24°48	1°53	11°20	13° 4	17° 4	n.a.	F 18
S 19	7 34 13	25° 7'24	25°51	17°25	1°37	13°45	10° 1	23°20	11°31	24°50	1°52	11°17	13° 1	17°11	n.a.	S 19
S 20	7 38 9	26° 7'50	8♍59	19° 9	2°52	14°33	9°53	23°24	11°28	24°52	1°51	11°D16	12°58	17°18	n.a.	S 20
M21	7 42 6	27° 8'14	21°45	20°54	4° 6	15°20	9°46	23°28	11°25	24°54	1°51	11°16	12°55	17°24	n.a.	M21
T 22	7 46 2	28° 8'37	4♎11	22°40	5°21	16° 7	9°39	23°33	11°23	24°56	1°50	11°18	12°51	17°31	n.a.	T 22
W23	7 49 59	29° 8'58	16°20	24°27	6°35	16°54	9°31	23°37	11°21	24°58	1°49	11°19	12°48	17°38	n.a.	W23
T 24	7 53 56	0♒ 9'17	28°18	26°15	7°49	17°42	9°24	23°41	11°18	25° 0	1°49	11°R20	12°45	17°44	n.a.	T 24
F 25	7 57 52	1° 9'35	10♏11	28° 4	9° 4	18°29	9°17	23°45	11°16	25° 2	1°48	11°19	12°42	17°51	n.a.	F 25
S 26	8 1 49	2° 9'52	22° 2	29°54	10°18	19°16	9°11	23°49	11°13	25° 4	1°48	11°17	12°39	17°58	n.a.	S 26
S 27	8 5 45	3°10'06	3♐57	1♒44	11°32	20° 3	9° 4	23°53	11°11	25° 6	1°47	11°13	12°36	18° 5	n.a.	S 27
M28	8 9 42	4°10'20	15°59	3°36	12°47	20°50	8°57	23°56	11° 9	25° 8	1°47	11° 8	12°32	18°11	n.a.	M28
T 29	8 13 38	5°10'31	28°13	5°29	14° 1	21°38	8°51	24° 0	11° 6	25°10	1°46	11° 2	12°29	18°18	n.a.	T 29
W30	8 17 35	6°10'41	10♑40	7°22	15°16	22°25	8°44	24° 4	11° 4	25°11	1°46	10°55	12°26	18°25	n.a.	W30
T 31	8 21 31	7♒10'49	23♑22	9♒17	16♑30	23♑12	8♋38	24♏ 7	11♋ 2	25♐13	1♊45	10♍49	12♍23	18♏31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s33	18 s22	5n 0	23 s56	0 s42	21 s23	0n44	24 s37	0 s53	23n52	0n43	16 s47	1n43	23n40	0n31	22 s52	0n44	15n49	5 s 7	6n48	6n23	12 s16			n.a.
W 2	23 29	18 58	4 45	24 10	0 49	21 37	0 42	24 37	0 53	23 53	0 43	16 48	1 43	23 41	0 31	22 52	0 44	15 49	5 7	6 53	6 24	12 18			n.a.
T 3	23 25	18 40	4 16	24 23	0 55	21 50	0 39	24 37	0 54	23 54	0 44	16 50	1 43	23 41	0 31	22 52	0 44	15 49	5 7	6 58	6 25	12 19			n.a.
F 4	23 21	17 26	3 35	24 34	1 1	22 2	0 36	24 37	0 54	23 55	0 44	16 51	1 43	23 41	0 31	22 52	0 44	15 49	5 7	7 2	6 27	12 21			n.a.
S 5	23 16	15 18	2 41	24 45	1 7	22 14	0 34	24 37	0 54	23 55	0 44	16 52	1 43	23 41	0 31	22 52	0 44	15 49	5 7	7 4	6 28	12 22			n.a.
S 6	23 11	12 23	1 39	24 53	1 13	22 25	0 31	24 36	0 55	23 56	0 44	16 54	1 43	23 42	0 31	22 52	0 44	15 48	5 7	7 6	6 29	12 24			n.a.
M 7	23 5	8 47	0 30	25 1	1 18	22 36	0 28	24 35	0 55	23 57	0 44	16 55	1 43	23 42	0 31	22 52	0 44	15 48	5 7	7 7	6 30	12 25			n.a.
T 8	22 59	4 42	0 s41	25 7	1 24	22 46	0 25	24 33	0 56	23 58	0 44	16 56	1 44	23 42	0 31	22 52	0 44	15 48	5 7	7 7	6 31	12 27			n.a.
W 9	22 52	0 19	1 52	25 12	1 28	22 55	0 23	24 32	0 56	23 59	0 44	16 57	1 44	23 42	0 31	22 53	0 44	15 48	5 6	7 6	6 33	12 28			n.a.
T 10	22 45	4n10	2 57	25 15	1 33	23 3	0 20	24 30	0 56	24 0	0 44	16 59	1 44	23 43	0 31	22 53	0 44	15 48	5 6	7 6	6 34	12 30			n.a.
F 11	22 38	8 29	3 53	25 17	1 37	23 11	0 17	24 28	0 57	24 0	0 45	17 0	1 44	23 43	0 31	22 53	0 44	15 48	5 6	7 7	6 35	12 31			n.a.
S 12	22 30	12 23	4 35	25 18	1 41	23 18	0 14	24 25	0 57	24 1	0 45	17 1	1 44	23 43	0 31	22 53	0 44	15 48	5 6	7 8	6 36	12 33			n.a.
S 13	22 21	15 35	5 0	25 16	1 45	23 24	0 12	24 23	0 58	24 2	0 45	17 2	1 44	23 43	0 31	22 53	0 44	15 48	5 6	7 10	6 38	12 34			n.a.
M14	22 12	17 48	5 6	25 14	1 48	23 30	0 9	24 20	0 58	24 3	0 45	17 3	1 44	23 44	0 31	22 53	0 44	15 48	5 6	7 13	6 39	12 36			n.a.
T 15	22 3	18 52	4 52	25 9	1 52	23 35	0 6	24 16	0 58	24 3	0 45	17 5	1 44	23 44	0 31	22 53	0 44	15 48	5 6	7 16	6 40	12 37			n.a.
W16	21 54	18 41	4 19	25 3	1 54	23 39	0 3	24 13	0 59	24 4	0 45	17 6	1 44	23 44	0 31	22 53	0 44	15 48	5 5	7 19	6 41	12 39			n.a.
T 17	21 43	17 19	3 30	24 55	1 57	23 43	0 1	24 9	0 59	24 5	0 45	17 7	1 44	23 44	0 31	22 53	0 44	15 48	5 5	7 22	6 43	12 40			n.a.
F 18	21 33	14 55	2 30	24 45	1 58	23 46	0 s 2	24 4	0 59	24 5	0 45	17 8	1 44	23 44	0 31	22 53	0 44	15 48	5 5	7 24	6 44	12 42			n.a.
S 19	21 22	11 46	1 22	24 34	2 0	23 48	0 5	24 0	1 0	24 6	0 45	17 9	1 44	23 45	0 31	22 53	0 44	15 48	5 5	7 25	6 45	12 43			n.a.
S 20	21 11	8 6	0 12	24 21	2 1	23 49	0 7	23 55	1 0	24 7	0 45	17 10	1 45	23 45	0 31	22 53	0 44	15 48	5 5	7 26	6 46	12 45			n.a.
M21	20 59	4 10	0n57	24 5	2 2	23 50	0 10	23 50	1 0	24 7	0 46	17 11	1 45	23 45	0 31	22 54	0 44	15 48	5 5	7 25	6 47	12 47			n.a.
T 22	20 47	0 10	2 1	23 48	2 2	23 50	0 13	23 45	1 1	24 8	0 46	17 12	1 45	23 45	0 31	22 54	0 44	15 48	5 5	7 25	6 49	12 48			n.a.
W23	20 35	3 s45	2 59	23 30	2 2	23 49	0 15	23 39	1 1	24 9	0 46	17 13	1 45	23 46	0 31	22 54	0 44	15 48	5 4	7 24	6 50	12 50			n.a.
T 24	20 22	7 28	3 47	23 9	2 2	23 47	0 18	23 34	1 1	24 9	0 46	17 14	1 45	23 46	0 31	22 54	0 44	15 48	5 4	7 24	6 51	12 51			n.a.
F 25	20 9	10 50	4 26	22 46	2 0	23 45	0 20	23 27	1 2	24 10	0 46	17 15	1 45	23 46	0 31	22 54	0 44	15 48	5 4	7 24	6 52	12 52			n.a.
S 26	19 55	13 46	4 53	22 21	1 59	23 42	0 23	23 21	1 2	24 10	0 46	17 15	1 45	23 46	0 31	22 54	0 44	15 49	5 4	7 25	6 54	12 54			n.a.
S 27	19 41	16 9	5 8	21 55	1 57	23 38	0 25	23 14	1 2	24 11	0 46	17 16	1 45	23 46	0 31	22 54	0 44	15 49	5 4	7 27	6 55	12 55			n.a.
M28	19 27	17 51	5 9	21 26	1 54	23 34	0 28	23 7	1 3	24 11	0 46	17 17	1 45	23 47	0 31	22 54	0 44	15 49	5 4	7 29	6 56	12 57			n.a.
T 29	19 12	18 46	4 57	20 55	1 51	23 29	0 30	23 0	1 3	24 12	0 46	17 18	1 45	23 47	0 31	22 54	0 44	15 49	5 3	7 31	6 57	12 58			n.a.
W30	18 57	18 49	4 30	20 23	1 47	23 23	0 32	22 53	1 3	24 12	0 46	17 19	1 46	23 47	0 31	22 54	0 44	15 49	5 3	7 34	6 59	13 0			n.a.
T 31	18 s42	17 s55	3n50	19 s48	1 s43	23 s16	0 s35	22 s45	1 s 3	24n13	0n46	17 s20	1n46	23n47	0n31	22 s54	0n44	15n49	5 s 3	7n36	7n 0	13 s 1			n.a.

Julian Day Number = 1607830.5, Delta T = 03h55m08s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'55, Lahiri = - 8°14'55 Julian Calendar 1 Jan. 311 BCE == Greg. Calendar 27 Dec. 312 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

FEBRUARY 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 25 28	8♒10'54	6♒19	11♒12	17♉44	23♉59	8°R32	24♏11	10°R59	25♐15	1°R45	10°R44	12♍20	18♏38	n.a.	F 1
S 2	8 29 25	9°10'58	19°30	13° 7	18°59	24°47	8♋26	24°14	10♋57	25°17	1♊45	10♍41	12°17	18°45	n.a.	S 2
S 3	8 33 21	10°11'00	2♓55	15° 4	20°13	25°34	8°20	24°17	10°55	25°19	1°44	10°39	12°13	18°52	n.a.	S 3
M 4	8 37 18	11°11'00	16°31	17° 0	21°27	26°21	8°14	24°20	10°53	25°20	1°44	10°D39	12°10	18°58	n.a.	M 4
T 5	8 41 14	12°10'57	0♈18	18°57	22°42	27° 8	8° 9	24°24	10°51	25°22	1°44	10°40	12° 7	19° 5	n.a.	T 5
W 6	8 45 11	13°10'52	14°13	20°54	23°56	27°55	8° 3	24°27	10°49	25°24	1°43	10°42	12° 4	19°12	n.a.	W 6
T 7	8 49 7	14°10'45	28°15	22°51	25°10	28°42	7°58	24°29	10°46	25°25	1°43	10°43	12° 1	19°18	n.a.	T 7
F 8	8 53 4	15°10'35	12♉23	24°47	26°24	29°29	7°53	24°32	10°44	25°27	1°43	10°R44	11°57	19°25	n.a.	F 8
S 9	8 57 0	16°10'23	26°35	26°43	27°39	0♒17	7°48	24°35	10°42	25°29	1°43	10°43	11°54	19°32	n.a.	S 9
S 10	9 0 57	17°10'09	10♊49	28°38	28°53	1° 4	7°43	24°38	10°40	25°30	1°42	10°42	11°51	19°38	n.a.	S 10
M11	9 4 54	18° 9'52	25° 2	0♓31	0♒ 7	1°51	7°38	24°40	10°39	25°32	1°42	10°40	11°48	19°45	n.a.	M11
T 12	9 8 50	19° 9'33	9♋11	2°22	1°21	2°38	7°34	24°43	10°37	25°33	1°42	10°37	11°45	19°52	n.a.	T 12
W13	9 12 47	20° 9'12	23°11	4°11	2°36	3°25	7°30	24°45	10°35	25°35	1°42	10°34	11°42	19°59	n.a.	W13
T 14	9 16 43	21° 8'48	7♌ 0	5°58	3°50	4°12	7°26	24°47	10°33	25°36	1°42	10°31	11°38	20° 5	n.a.	T 14
F 15	9 20 40	22° 8'23	20°34	7°41	5° 4	4°59	7°22	24°50	10°31	25°38	1°42	10°29	11°35	20°12	n.a.	F 15
S 16	9 24 36	23° 7'54	3♍51	9°21	6°18	5°46	7°18	24°52	10°29	25°39	1°42	10°28	11°32	20°19	n.a.	S 16
S 17	9 28 33	24° 7'24	16°50	10°57	7°33	6°33	7°14	24°54	10°28	25°41	1°42	10°D28	11°29	20°25	n.a.	S 17
M18	9 32 29	25° 6'52	29°31	12°28	8°47	7°20	7°11	24°55	10°26	25°42	1°D42	10°29	11°26	20°32	n.a.	M18
T 19	9 36 26	26° 6'18	11♎55	13°54	10° 1	8° 7	7° 8	24°57	10°25	25°43	1°42	10°30	11°23	20°39	n.a.	T 19
W20	9 40 22	27° 5'42	24° 6	15°15	11°15	8°54	7° 5	24°59	10°23	25°45	1°42	10°31	11°19	20°46	n.a.	W20
T 21	9 44 19	28° 5'04	6♏ 6	16°30	12°29	9°41	7° 2	25° 1	10°21	25°46	1°42	10°33	11°16	20°52	n.a.	T 21
F 22	9 48 16	29° 4'24	18° 0	17°38	13°44	10°28	6°59	25° 2	10°20	25°47	1°42	10°33	11°13	20°59	n.a.	F 22
S 23	9 52 12	0♓ 3'42	29°53	18°41	14°58	11°14	6°56	25° 4	10°19	25°48	1°42	10°R34	11°10	21° 6	n.a.	S 23
S 24	9 56 9	1° 2'58	11♐48	19°36	16°12	12° 1	6°54	25° 5	10°17	25°50	1°42	10°33	11° 7	21°12	n.a.	S 24
M25	10 0 5	2° 2'13	23°52	20°25	17°26	12°48	6°52	25° 6	10°16	25°51	1°42	10°33	11° 3	21°19	n.a.	M25
T 26	10 4 2	3° 1'25	6♑ 7	21° 7	18°40	13°35	6°50	25° 7	10°15	25°52	1°42	10°32	11° 0	21°26	n.a.	T 26
W27	10 7 58	4° 0'36	18°39	21°41	19°54	14°22	6°48	25° 8	10°13	25°53	1°42	10°31	10°57	21°33	n.a.	W27
T 28	10 11 55	4♓59'44	1♒28	22♓ 8	21♒ 9	15♒ 8	6♋47	25♏ 9	10♋12	25♐54	1♊43	10♍30	10♍54	21♏39	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s26	16s 4	2n57	19s12	1s38	23s 9	0s37	22s37	1s 4	24n13	0n46	17s20	1n46	23n47	0n31	22s54	0n44	15n49	5s 3	7n38	7n 1	13s 3		n.a.
S 2	18 11	13 22	1 53	18 34	1 33	23 1	0 39	22 29	1 4	24 14	0 46	17 21	1 46	23 48	0 31	22 54	0 44	15 49	5 3	7 39	7 2	13 4		n.a.
S 3	17 54	9 54	0 42	17 54	1 27	22 52	0 42	22 20	1 4	24 14	0 46	17 22	1 46	23 48	0 31	22 54	0 44	15 49	5 3	7 40	7 3	13 6		n.a.
M 4	17 38	5 52	0s32	17 12	1 20	22 43	0 44	22 12	1 4	24 15	0 46	17 22	1 46	23 48	0 31	22 54	0 44	15 49	5 2	7 40	7 5	13 7		n.a.
T 5	17 21	1 30	1 46	16 28	1 12	22 33	0 46	22 3	1 5	24 15	0 46	17 23	1 46	23 48	0 31	22 54	0 44	15 49	5 2	7 39	7 6	13 9		n.a.
W 6	17 4	3n 0	2 54	15 43	1 4	22 22	0 48	21 53	1 5	24 15	0 46	17 24	1 46	23 48	0 31	22 55	0 44	15 49	5 2	7 39	7 7	13 10		n.a.
T 7	16 46	7 22	3 52	14 57	0 56	22 11	0 50	21 44	1 5	24 16	0 46	17 24	1 46	23 48	0 31	22 55	0 44	15 50	5 2	7 38	7 8	13 12		n.a.
F 8	16 29	11 21	4 37	14 9	0 46	21 59	0 52	21 34	1 5	24 16	0 47	17 25	1 47	23 49	0 31	22 55	0 44	15 50	5 2	7 38	7 10	13 13		n.a.
S 9	16 11	14 41	5 5	13 20	0 36	21 46	0 54	21 24	1 5	24 16	0 47	17 25	1 47	23 49	0 31	22 55	0 44	15 50	5 2	7 38	7 11	13 15		n.a.
S 10	15 53	17 9	5 14	12 30	0 26	21 33	0 56	21 14	1 6	24 17	0 47	17 26	1 47	23 49	0 31	22 55	0 44	15 50	5 1	7 39	7 12	13 16		n.a.
M11	15 34	18 34	5 4	11 39	0 15	21 19	0 58	21 4	1 6	24 17	0 47	17 26	1 47	23 49	0 31	22 55	0 44	15 50	5 1	7 40	7 13	13 18		n.a.
T 12	15 16	18 49	4 36	10 49	0 3	21 4	1 0	20 53	1 6	24 17	0 47	17 27	1 47	23 49	0 31	22 55	0 44	15 50	5 1	7 41	7 14	13 19		n.a.
W13	14 57	17 54	3 52	9 57	0n 9	20 49	1 1	20 42	1 6	24 17	0 47	17 27	1 47	23 49	0 31	22 55	0 44	15 50	5 1	7 42	7 16	13 21		n.a.
T 14	14 37	15 56	2 54	9 7	0 21	20 33	1 3	20 31	1 6	24 18	0 47	17 28	1 47	23 49	0 31	22 55	0 44	15 50	5 1	7 43	7 17	13 22		n.a.
F 15	14 18	13 7	1 48	8 16	0 34	20 17	1 5	20 20	1 7	24 18	0 47	17 28	1 47	23 50	0 31	22 55	0 45	15 51	5 1	7 44	7 18	13 24		n.a.
S 16	13 58	9 39	0 36	7 26	0 47	20 0	1 6	20 8	1 7	24 18	0 47	17 29	1 47	23 50	0 31	22 55	0 45	15 51	5 0	7 44	7 19	13 25		n.a.
S 17	13 38	5 48	0n35	6 38	1 0	19 42	1 8	19 56	1 7	24 18	0 47	17 29	1 48	23 50	0 31	22 55	0 45	15 51	5 0	7 44	7 21	13 26		n.a.
M18	13 18	1 46	1 43	5 50	1 13	19 24	1 9	19 44	1 7	24 19	0 47	17 29	1 48	23 50	0 31	22 55	0 45	15 51	5 0	7 44	7 22	13 28		n.a.
T 19	12 58	2s14	2 45	5 5	1 26	19 5	1 11	19 32	1 7	24 19	0 47	17 30	1 48	23 50	0 31	22 55	0 45	15 51	5 0	7 43	7 23	13 29		n.a.
W20	12 38	6 4	3 39	4 21	1 39	18 46	1 12	19 20	1 7	24 19	0 47	17 30	1 48	23 50	0 31	22 55	0 45	15 51	5 0	7 43	7 24	13 31		n.a.
T 21	12 17	9 36	4 21	3 40	1 52	18 26	1 14	19 7	1 7	24 19	0 47	17 30	1 48	23 50	0 31	22 55	0 45	15 52	5 0	7 42	7 26	13 32		n.a.
F 22	11 56	12 43	4 53	3 2	2 5	18 6	1 15	18 55	1 8	24 19	0 47	17 30	1 48	23 50	0 31	22 55	0 45	15 52	4 59	7 42	7 27	13 34		n.a.
S 23	11 35	15 18	5 11	2 26	2 17	17 45	1 16	18 42	1 8	24 19	0 47	17 31	1 48	23 50	0 31	22 55	0 45	15 52	4 59	7 42	7 28	13 35		n.a.
S 24	11 14	17 15	5 17	1 53	2 29	17 24	1 17	18 29	1 8	24 19	0 47	17 31	1 48	23 51	0 31	22 55	0 45	15 52	4 59	7 42	7 29	13 37		n.a.
M25	10 53	18 27	5 8	1 24	2 39	17 2	1 18	18 15	1 8	24 20	0 47	17 31	1 49	23 51	0 31	22 55	0 45	15 52	4 59	7 42	7 30	13 38		n.a.
T 26	10 31	18 50	4 46	0 58	2 50	16 40	1 19	18 2	1 8	24 20	0 47	17 31	1 49	23 51	0 31	22 55	0 45	15 53	4 59	7 42	7 32	13 40		n.a.
W27	10 9	18 18	4 9	0 36	2 59	16 17	1 20	17 48	1 8	24 20	0 47	17 31	1 49	23 51	0 31	22 55	0 45	15 53	4 59	7 43	7 33	13 41		n.a.
T 28	9s48	16s50	3n20	0s18	3n 7	15s54	1s21	17s34	1s 8	24n20	0n47	17s31	1n49	23n51	0n31	22s55	0n45	15n53	4s58	7n43	7n34	13s42		n.a.

Julian Day Number = 1607861.5, Delta T = 03h55m07s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'51, Lahiri = - 8°14'51 Julian Calendar 1 Feb. 311 BCE == Greg. Calendar 27 Jan. 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

MARCH 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 15 51	5♓58'51	14♒37	22♓28	22♒23	15♒55	6°R45	25♏10	10°R11	25♐55	1♊43	10°R30	10♍51	21♏46	n.a.	F 1
S 2	10 19 48	6°57'55	28° 7	22°40	23°37	16°42	6♋44	25°11	10♋10	25°56	1°43	10♍29	10°48	21°53	n.a.	S 2
S 3	10 23 45	7°56'58	11♓54	22°R46	24°51	17°29	6°43	25°11	10° 9	25°57	1°43	10°D29	10°44	22° 0	n.a.	S 3
M 4	10 27 41	8°55'58	25°57	22°44	26° 5	18°15	6°42	25°12	10° 8	25°58	1°44	10°29	10°41	22° 6	n.a.	M 4
T 5	10 31 38	9°54'56	10♈12	22°35	27°19	19° 2	6°42	25°12	10° 7	25°59	1°44	10°29	10°38	22°13	n.a.	T 5
W 6	10 35 34	10°53'52	24°34	22°20	28°33	19°48	6°41	25°13	10° 6	26° 0	1°44	10°R29	10°35	22°20	n.a.	W 6
T 7	10 39 31	11°52'45	8♉59	21°59	29°47	20°35	6°41	25°13	10° 5	26° 1	1°45	10°29	10°32	22°26	n.a.	T 7
F 8	10 43 27	12°51'36	23°21	21°33	1♓ 1	21°21	6°D41	25°13	10° 4	26° 2	1°45	10°29	10°28	22°33	n.a.	F 8
S 9	10 47 24	13°50'25	7♊38	21° 1	2°15	22° 8	6°41	25°R13	10° 4	26° 3	1°46	10°D29	10°25	22°40	n.a.	S 9
S 10	10 51 20	14°49'11	21°47	20°26	3°29	22°54	6°42	25°13	10° 3	26° 4	1°46	10°29	10°22	22°47	n.a.	S 10
M11	10 55 17	15°47'55	5♋45	19°46	4°43	23°41	6°42	25°13	10° 2	26° 4	1°47	10°29	10°19	22°53	n.a.	M11
T 12	10 59 13	16°46'37	19°32	19° 5	5°58	24°27	6°43	25°13	10° 2	26° 5	1°47	10°30	10°16	23° 0	n.a.	T 12
W13	11 3 10	17°45'16	3♌ 6	18°21	7°12	25°13	6°44	25°13	10° 1	26° 6	1°48	10°30	10°13	23° 7	n.a.	W13
T 14	11 7 7	18°43'53	16°28	17°36	8°26	26° 0	6°45	25°12	10° 1	26° 6	1°48	10°31	10° 9	23°13	n.a.	T 14
F 15	11 11 3	19°42'27	29°36	16°51	9°40	26°46	6°46	25°12	10° 0	26° 7	1°49	10°32	10° 6	23°20	n.a.	F 15
S 16	11 15 0	20°41'00	12♍31	16° 7	10°54	27°32	6°47	25°11	10° 0	26° 8	1°49	10°R32	10° 3	23°27	n.a.	S 16
S 17	11 18 56	21°39'30	25°12	15°24	12° 7	28°18	6°49	25°10	9°59	26° 8	1°50	10°31	10° 0	23°34	n.a.	S 17
M18	11 22 53	22°37'59	7♎41	14°44	13°21	29° 5	6°51	25° 9	9°59	26° 9	1°50	10°30	9°57	23°40	n.a.	M18
T 19	11 26 49	23°36'25	19°58	14° 6	14°35	29°51	6°53	25° 8	9°59	26° 9	1°51	10°29	9°54	23°47	n.a.	T 19
W20	11 30 46	24°34'50	2♏ 5	13°32	15°49	0♓37	6°55	25° 7	9°59	26°10	1°52	10°27	9°50	23°54	n.a.	W20
T 21	11 34 42	25°33'13	14° 4	13° 1	17° 3	1°23	6°57	25° 6	9°59	26°10	1°52	10°25	9°47	24° 0	n.a.	T 21
F 22	11 38 39	26°31'34	25°58	12°35	18°17	2° 9	7° 0	25° 5	9°59	26°10	1°53	10°23	9°44	24° 7	n.a.	F 22
S 23	11 42 35	27°29'53	7♐51	12°14	19°31	2°55	7° 3	25° 4	9°D59	26°11	1°54	10°21	9°41	24°14	n.a.	S 23
S 24	11 46 32	28°28'11	19°46	11°57	20°45	3°41	7° 6	25° 3	9°59	26°11	1°55	10°20	9°38	24°21	n.a.	S 24
M25	11 50 29	29°26'27	1♑49	11°45	21°59	4°27	7° 9	25° 1	9°59	26°11	1°55	10°D20	9°34	24°27	n.a.	M25
T 26	11 54 25	0♈24'42	14° 2	11°38	23°13	5°13	7°12	24°59	9°59	26°12	1°56	10°20	9°31	24°34	n.a.	T 26
W27	11 58 22	1°22'54	26°32	11°D36	24°27	5°58	7°15	24°58	9°59	26°12	1°57	10°21	9°28	24°41	n.a.	W27
T 28	12 2 18	2°21'06	9♒22	11°39	25°41	6°44	7°19	24°56	9°59	26°12	1°58	10°23	9°25	24°47	n.a.	T 28
F 29	12 6 15	3°19'15	22°36	11°46	26°55	7°30	7°23	24°54	10° 0	26°12	1°59	10°24	9°22	24°54	n.a.	F 29
S 30	12 10 11	4°17'23	6♓13	11°59	28° 9	8°15	7°26	24°52	10° 0	26°12	1°59	10°R25	9°19	25° 1	n.a.	S 30
S 31	12 14 8	5♈15'30	20♓16	12♓16	29♓22	9♓ 1	7♋31	24♏50	10♋ 0	26♐13	2♊ 0	10♍25	9♍15	25♏ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s26	14s26	2n19	0s 3	3n14	15s31	1s22	17s20	1s 8	24n20	0n47	17s32	1n49	23n51	0n31	22s55	0n45	15n53	4s58	7n43	7n35	13s44		n.a.
S 2	9 4	11 13	1 8	0n 7	3 20	15 7	1 23	17 6	1 8	24 20	0 47	17 32	1 49	23 51	0 31	22 55	0 45	15 53	4 58	7 43	7 36	13 45		n.a.
S 3	8 41	7 18	0s 8	0 14	3 25	14 42	1 23	16 52	1 8	24 20	0 47	17 32	1 49	23 51	0 31	22 55	0 45	15 54	4 58	7 43	7 38	13 47		n.a.
M 4	8 19	2 55	1 25	0 16	3 28	14 17	1 24	16 37	1 8	24 20	0 47	17 32	1 49	23 51	0 31	22 55	0 45	15 54	4 58	7 43	7 39	13 48		n.a.
T 5	7 57	1n41	2 38	0 14	3 30	13 52	1 25	16 23	1 8	24 20	0 47	17 32	1 50	23 51	0 31	22 55	0 45	15 54	4 58	7 43	7 40	13 50		n.a.
W 6	7 34	6 13	3 41	0 8	3 31	13 27	1 25	16 8	1 8	24 20	0 47	17 32	1 50	23 51	0 31	22 55	0 45	15 54	4 57	7 43	7 41	13 51		n.a.
T 7	7 11	10 24	4 31	0s 1	3 29	13 1	1 26	15 53	1 8	24 20	0 46	17 32	1 50	23 51	0 31	22 55	0 45	15 55	4 57	7 43	7 43	13 52		n.a.
F 8	6 49	13 57	5 3	0 14	3 26	12 35	1 26	15 38	1 8	24 20	0 46	17 31	1 50	23 51	0 31	22 55	0 45	15 55	4 57	7 44	7 44	13 54		n.a.
S 9	6 26	16 38	5 17	0 31	3 22	12 8	1 26	15 23	1 8	24 20	0 46	17 31	1 50	23 51	0 31	22 56	0 45	15 55	4 57	7 44	7 45	13 55		n.a.
S 10	6 3	18 18	5 11	0 51	3 16	11 41	1 26	15 7	1 8	24 20	0 46	17 31	1 50	23 51	0 31	22 56	0 45	15 55	4 57	7 44	7 46	13 57		n.a.
M11	5 40	18 50	4 47	1 13	3 8	11 14	1 27	14 52	1 8	24 20	0 46	17 31	1 50	23 51	0 31	22 56	0 45	15 56	4 57	7 43	7 47	13 58		n.a.
T 12	5 17	18 13	4 7	1 38	2 59	10 47	1 27	14 36	1 8	24 20	0 46	17 31	1 50	23 52	0 31	22 56	0 45	15 56	4 56	7 43	7 49	14 0		n.a.
W13	4 54	16 34	3 13	2 5	2 48	10 19	1 27	14 20	1 8	24 20	0 46	17 31	1 50	23 52	0 31	22 56	0 45	15 56	4 56	7 43	7 50	14 1		n.a.
T 14	4 31	14 2	2 10	2 34	2 36	9 51	1 27	14 5	1 8	24 20	0 46	17 31	1 51	23 52	0 31	22 56	0 45	15 56	4 56	7 43	7 51	14 2		n.a.
F 15	4 7	10 49	1 0	3 3	2 23	9 23	1 27	13 49	1 8	24 20	0 46	17 30	1 51	23 52	0 31	22 56	0 45	15 57	4 56	7 43	7 52	14 4		n.a.
S 16	3 44	7 7	0n11	3 33	2 9	8 54	1 27	13 32	1 8	24 19	0 46	17 30	1 51	23 52	0 31	22 56	0 45	15 57	4 56	7 43	7 54	14 5		n.a.
S 17	3 21	3 9	1 20	4 4	1 55	8 25	1 26	13 16	1 8	24 19	0 46	17 30	1 51	23 52	0 31	22 56	0 45	15 57	4 56	7 43	7 55	14 7		n.a.
M18	2 57	0s52	2 25	4 34	1 39	7 57	1 26	13 0	1 8	24 19	0 46	17 29	1 51	23 52	0 31	22 56	0 45	15 57	4 55	7 43	7 56	14 8		n.a.
T 19	2 34	4 48	3 21	5 3	1 23	7 27	1 26	12 43	1 8	24 19	0 46	17 29	1 51	23 52	0 31	22 56	0 45	15 58	4 55	7 44	7 57	14 9		n.a.
W20	2 11	8 28	4 8	5 31	1 7	6 58	1 25	12 27	1 8	24 19	0 46	17 29	1 51	23 52	0 31	22 56	0 45	15 58	4 55	7 44	7 58	14 11		n.a.
T 21	1 47	11 45	4 43	5 58	0 51	6 28	1 25	12 10	1 8	24 19	0 46	17 28	1 51	23 52	0 31	22 56	0 45	15 58	4 55	7 45	8 0	14 12		n.a.
F 22	1 24	14 32	5 6	6 23	0 34	5 59	1 24	11 53	1 8	24 19	0 46	17 28	1 51	23 52	0 31	22 56	0 45	15 59	4 55	7 46	8 1	14 14		n.a.
S 23	1 0	16 42	5 15	6 47	0 18	5 29	1 24	11 37	1 8	24 18	0 46	17 28	1 52	23 52	0 31	22 56	0 45	15 59	4 55	7 47	8 2	14 15		n.a.
S 24	0 37	18 10	5 11	7 8	0 2	4 59	1 23	11 20	1 8	24 18	0 46	17 27	1 52	23 52	0 31	22 56	0 45	15 59	4 55	7 47	8 3	14 16		n.a.
M25	0 13	18 49	4 54	7 27	0s13	4 29	1 23	11 3	1 7	24 18	0 46	17 27	1 52	23 51	0 31	22 56	0 45	15 59	4 54	7 47	8 4	14 18		n.a.
T 26	0n10	18 38	4 23	7 43	0 28	3 58	1 22	10 45	1 7	24 18	0 46	17 26	1 52	23 51	0 31	22 56	0 45	16 0	4 54	7 47	8 6	14 19		n.a.
W27	0 33	17 31	3 39	7 57	0 43	3 28	1 21	10 28	1 7	24 18	0 46	17 26	1 52	23 51	0 31	22 56	0 45	16 0	4 54	7 47	8 7	14 21		n.a.
T 28	0 57	15 31	2 43	8 9	0 56	2 58	1 20	10 11	1 7	24 17	0 46	17 25	1 52	23 51	0 31	22 56	0 45	16 0	4 54	7 46	8 8	14 22		n.a.
F 29	1 20	12 38	1 37	8 18	1 9	2 27	1 19	9 54	1 7	24 17	0 46	17 25	1 52	23 51	0 30	22 56	0 45	16 1	4 54	7 45	8 9	14 23		n.a.
S 30	1 44	8 59	0 23	8 25	1 22	1 56	1 18	9 36	1 7	24 17	0 46	17 24	1 52	23 51	0 30	22 56	0 45	16 1	4 54	7 45	8 10	14 25		n.a.
S 31	2n 7	4s44	0s54	8s29	1s33	1s26	1s17	9s19	1s 7	24n17	0n46	17s24	1n52	23n51	0n30	22s55	0n45	16n 1	4s53	7n45	8n12	14s26		n.a.

Julian Day Number = 1607889.5, Delta T = 03h55m06s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'47, Lahiri = - 8°14'47 Julian Calendar 1 March 311 BCE == Greg. Calendar 24 Feb. 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

APRIL 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 18 4	6♈13'34	4♈39	12♓38	0♈36	9♓47	7♋35	24°R48	10♋ 1	26♐13	2♊ 1	10°R23	9♍12	25♏14	n.a.	M 1
T 2	12 22 1	7°11'37	19°19	13° 4	1°50	10°32	7°39	24♏46	10° 1	26°13	2° 2	10♍21	9° 9	25°21	n.a.	T 2
W 3	12 25 58	8° 9'38	4♉ 9	13°34	3° 4	11°18	7°44	24°44	10° 2	26°R13	2° 3	10°17	9° 6	25°28	n.a.	W 3
T 4	12 29 54	9° 7'37	18°59	14° 8	4°18	12° 3	7°48	24°41	10° 3	26°13	2° 4	10°13	9° 3	25°34	n.a.	T 4
F 5	12 33 51	10° 5'35	3♊44	14°47	5°32	12°49	7°53	24°39	10° 3	26°13	2° 5	10° 9	9° 0	25°41	n.a.	F 5
S 6	12 37 47	11° 3'30	18°16	15°29	6°46	13°34	7°58	24°37	10° 4	26°12	2° 6	10° 6	8°56	25°48	n.a.	S 6
S 7	12 41 44	12° 1'24	2♋31	16°14	7°59	14°19	8° 4	24°34	10° 5	26°12	2° 7	10° 5	8°53	25°55	n.a.	S 7
M 8	12 45 40	12°59'16	16°26	17° 4	9°13	15° 5	8° 9	24°31	10° 6	26°12	2° 8	10°D 4	8°50	26° 1	n.a.	M 8
T 9	12 49 37	13°57'05	0♌ 3	17°56	10°27	15°50	8°14	24°29	10° 7	26°12	2° 9	10° 5	8°47	26° 8	n.a.	T 9
W10	12 53 33	14°54'53	13°21	18°52	11°41	16°35	8°20	24°26	10° 8	26°12	2°10	10° 7	8°44	26°15	n.a.	W10
T 11	12 57 30	15°52'39	26°22	19°51	12°55	17°20	8°26	24°23	10° 9	26°12	2°11	10° 8	8°40	26°22	n.a.	T 11
F 12	13 1 27	16°50'23	9♍ 9	20°53	14° 8	18° 5	8°32	24°20	10°10	26°11	2°12	10°R 9	8°37	26°28	n.a.	F 12
S 13	13 5 23	17°48'06	21°44	21°57	15°22	18°50	8°38	24°17	10°11	26°11	2°13	10° 8	8°34	26°35	n.a.	S 13
S 14	13 9 20	18°45'47	4♎ 8	23° 5	16°36	19°35	8°44	24°14	10°12	26°11	2°14	10° 6	8°31	26°42	n.a.	S 14
M15	13 13 16	19°43'26	16°23	24°15	17°50	20°20	8°51	24°11	10°13	26°10	2°15	10° 2	8°28	26°48	n.a.	M15
T 16	13 17 13	20°41'04	28°31	25°28	19° 3	21° 5	8°57	24° 7	10°14	26°10	2°17	9°56	8°25	26°55	n.a.	T 16
W17	13 21 9	21°38'40	10♏31	26°44	20°17	21°49	9° 4	24° 4	10°16	26° 9	2°18	9°48	8°21	27° 2	n.a.	W17
T 18	13 25 6	22°36'16	22°27	28° 2	21°31	22°34	9°11	24° 1	10°17	26° 9	2°19	9°40	8°18	27° 9	n.a.	T 18
F 19	13 29 2	23°33'50	4♐20	29°23	22°45	23°19	9°18	23°57	10°18	26° 8	2°20	9°33	8°15	27°15	n.a.	F 19
S 20	13 32 59	24°31'23	16°12	0♈46	23°58	24° 4	9°25	23°54	10°20	26° 8	2°21	9°26	8°12	27°22	n.a.	S 20
S 21	13 36 55	25°28'55	28° 7	2°12	25°12	24°48	9°32	23°50	10°21	26° 7	2°22	9°21	8° 9	27°29	n.a.	S 21
M22	13 40 52	26°26'26	10♑ 8	3°40	26°26	25°33	9°39	23°47	10°23	26° 7	2°24	9°17	8° 5	27°35	n.a.	M22
T 23	13 44 49	27°23'56	22°20	5°11	27°39	26°17	9°47	23°43	10°24	26° 6	2°25	9°D16	8° 2	27°42	n.a.	T 23
W24	13 48 45	28°21'24	4♒46	6°44	28°53	27° 2	9°54	23°39	10°26	26° 5	2°26	9°16	7°59	27°49	n.a.	W24
T 25	13 52 42	29°18'53	17°33	8°19	0♉ 7	27°46	10° 2	23°36	10°28	26° 5	2°27	9°17	7°56	27°56	n.a.	T 25
F 26	13 56 38	0♉16'20	0♓43	9°57	1°21	28°30	10°10	23°32	10°29	26° 4	2°29	9°18	7°53	28° 2	n.a.	F 26
S 27	14 0 35	1°13'46	14°20	11°37	2°34	29°15	10°18	23°28	10°31	26° 3	2°30	9°R18	7°50	28° 9	n.a.	S 27
S 28	14 4 31	2°11'11	28°25	13°19	3°48	29°59	10°26	23°24	10°33	26° 3	2°31	9°16	7°46	28°16	n.a.	S 28
M29	14 8 28	3° 8'36	12♈56	15° 3	5° 2	0♈43	10°34	23°20	10°35	26° 2	2°33	9°13	7°43	28°22	n.a.	M29
T 30	14 12 24	4♉ 5'59	27♈50	16♈50	6♉15	1♈27	10♋42	23♏16	10♋37	26♐ 1	2♊34	9♍ 7	7♍40	28♏29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n30	0s 6	2s 9	8s30	1s44	0s55	1s16	9s 1	1s 6	24n16	0n46	17s23	1n52	23n51	0n30	22s55	0n45	16n 2	4s53	7n46	8n13	14s27		n.a.
T 2	2 53	4n37	3 17	8 30	1 55	0 24	1 15	8 44	1 6	24 16	0 46	17 22	1 53	23 51	0 30	22 55	0 45	16 2	4 53	7 47	8 14	14 29		n.a.
W 3	3 16	9 5	4 13	8 26	2 4	0n 7	1 14	8 26	1 6	24 16	0 46	17 22	1 53	23 51	0 30	22 55	0 45	16 2	4 53	7 48	8 15	14 30		n.a.
T 4	3 40	13 0	4 52	8 21	2 13	0 37	1 12	8 8	1 6	24 15	0 46	17 21	1 53	23 51	0 30	22 55	0 45	16 3	4 53	7 50	8 17	14 32		n.a.
F 5	4 3	16 4	5 11	8 13	2 20	1 8	1 11	7 50	1 6	24 15	0 46	17 20	1 53	23 51	0 30	22 55	0 45	16 3	4 53	7 51	8 18	14 33		n.a.
S 6	4 26	18 4	5 10	8 3	2 27	1 39	1 10	7 33	1 6	24 15	0 46	17 20	1 53	23 51	0 30	22 55	0 45	16 3	4 53	7 52	8 19	14 34		n.a.
S 7	4 49	18 53	4 49	7 51	2 34	2 10	1 8	7 15	1 5	24 14	0 46	17 19	1 53	23 51	0 30	22 55	0 45	16 4	4 52	7 53	8 20	14 36		n.a.
M 8	5 11	18 32	4 12	7 37	2 39	2 40	1 7	6 57	1 5	24 14	0 45	17 18	1 53	23 51	0 30	22 55	0 45	16 4	4 52	7 53	8 21	14 37		n.a.
T 9	5 34	17 6	3 22	7 20	2 44	3 11	1 5	6 39	1 5	24 14	0 45	17 18	1 53	23 51	0 30	22 55	0 45	16 4	4 52	7 53	8 23	14 38		n.a.
W10	5 57	14 46	2 21	7 2	2 48	3 42	1 4	6 21	1 5	24 13	0 45	17 17	1 53	23 50	0 30	22 55	0 45	16 5	4 52	7 52	8 24	14 40		n.a.
T 11	6 19	11 43	1 14	6 42	2 52	4 12	1 2	6 3	1 4	24 13	0 45	17 16	1 53	23 50	0 30	22 55	0 45	16 5	4 52	7 52	8 25	14 41		n.a.
F 12	6 42	8 9	0 5	6 19	2 54	4 43	1 0	5 45	1 4	24 12	0 45	17 15	1 53	23 50	0 30	22 55	0 45	16 5	4 52	7 51	8 26	14 43		n.a.
S 13	7 4	4 16	1n 3	5 55	2 56	5 13	0 59	5 27	1 4	24 12	0 45	17 14	1 53	23 50	0 30	22 55	0 45	16 6	4 52	7 52	8 27	14 44		n.a.
S 14	7 26	0 16	2 7	5 29	2 57	5 43	0 57	5 9	1 4	24 12	0 45	17 14	1 53	23 50	0 30	22 55	0 45	16 6	4 52	7 52	8 29	14 45		n.a.
M15	7 48	3s42	3 4	5 2	2 58	6 14	0 55	4 51	1 3	24 11	0 45	17 13	1 53	23 50	0 30	22 55	0 45	16 6	4 51	7 54	8 30	14 47		n.a.
T 16	8 10	7 28	3 52	4 32	2 58	6 44	0 53	4 33	1 3	24 11	0 45	17 12	1 53	23 50	0 30	22 55	0 45	16 7	4 51	7 56	8 31	14 48		n.a.
W17	8 32	10 54	4 29	4 1	2 57	7 14	0 52	4 15	1 3	24 10	0 45	17 11	1 54	23 50	0 30	22 55	0 45	16 7	4 51	7 59	8 32	14 49		n.a.
T 18	8 54	13 52	4 55	3 28	2 56	7 43	0 50	3 56	1 3	24 10	0 45	17 10	1 54	23 50	0 30	22 55	0 45	16 7	4 51	8 2	8 33	14 51		n.a.
F 19	9 15	16 14	5 7	2 54	2 54	8 13	0 48	3 38	1 2	24 9	0 45	17 9	1 54	23 49	0 30	22 55	0 45	16 8	4 51	8 5	8 35	14 52		n.a.
S 20	9 37	17 56	5 6	2 18	2 51	8 42	0 46	3 20	1 2	24 9	0 45	17 8	1 54	23 49	0 30	22 55	0 45	16 8	4 51	8 8	8 36	14 53		n.a.
S 21	9 58	18 51	4 52	1 41	2 48	9 11	0 44	3 2	1 2	24 8	0 45	17 8	1 54	23 49	0 30	22 55	0 45	16 8	4 51	8 10	8 37	14 55		n.a.
M22	10 19	18 56	4 25	1 2	2 44	9 40	0 42	2 44	1 1	24 7	0 45	17 7	1 54	23 49	0 30	22 55	0 45	16 9	4 51	8 11	8 38	14 56		n.a.
T 23	10 40	18 9	3 46	0 21	2 40	10 9	0 40	2 26	1 1	24 7	0 45	17 6	1 54	23 49	0 30	22 55	0 45	16 9	4 50	8 12	8 39	14 57		n.a.
W24	11 1	16 28	2 55	0n20	2 35	10 38	0 37	2 7	1 1	24 6	0 45	17 5	1 54	23 49	0 30	22 55	0 45	16 9	4 50	8 12	8 41	14 59		n.a.
T 25	11 22	13 57	1 54	1 4	2 29	11 6	0 35	1 49	1 0	24 6	0 45	17 4	1 54	23 49	0 30	22 55	0 45	16 10	4 50	8 11	8 42	15 0		n.a.
F 26	11 42	10 38	0 46	1 48	2 23	11 34	0 33	1 31	1 0	24 5	0 45	17 3	1 54	23 48	0 30	22 55	0 45	16 10	4 50	8 11	8 43	15 1		n.a.
S 27	12 3	6 39	0s27	2 34	2 16	12 2	0 31	1 13	1 0	24 4	0 45	17 2	1 54	23 48	0 30	22 55	0 45	16 10	4 50	8 11	8 44	15 3		n.a.
S 28	12 23	2 11	1 41	3 20	2 9	12 29	0 29	0 55	0 59	24 4	0 45	17 1	1 54	23 48	0 30	22 55	0 45	16 11	4 50	8 11	8 45	15 4		n.a.
M29	12 43	2n34	2 50	4 8	2 1	12 56	0 27	0 37	0 59	24 3	0 45	17 0	1 54	23 48	0 30	22 55	0 45	16 11	4 50	8 13	8 47	15 5		n.a.
T 30	13n 2	7n15	3s50	4n57	1s53	13n23	0s24	0s19	0s59	24n 2	0n45	16s59	1n54	23n48	0n30	22s55	0n45	16n12	4s50	8n15	8n48	15s 7		n.a.

Julian Day Number = 1607920.5, Delta T = 03h55m05s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'43, Lahiri = - 8°14'43 Julian Calendar 1 Apr. 311 BCE == Greg. Calendar 27 March 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

MAY 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 16 21	5♉ 3'22	12♉58	18♈40	7♉29	2♈11	10♋51	23°R12	10♋39	26°R 0	2♊35	8°R59	7♍37	28♏36	n.a.	W 1
T 2	14 20 18	6° 0'43	28° 9	20°31	8°43	2°55	10°59	23♏ 8	10°41	25♐59	2°36	8♍51	7°34	28°43	n.a.	T 2
F 3	14 24 14	6°58'04	13♊15	22°25	9°56	3°39	11° 8	23° 4	10°43	25°58	2°38	8°43	7°31	28°49	n.a.	F 3
S 4	14 28 11	7°55'23	28° 4	24°21	11°10	4°23	11°17	23° 0	10°45	25°57	2°39	8°36	7°27	28°56	n.a.	S 4
S 5	14 32 7	8°52'42	12♋32	26°19	12°24	5° 7	11°26	22°55	10°47	25°56	2°41	8°31	7°24	29° 3	n.a.	S 5
M 6	14 36 4	9°49'59	26°34	28°19	13°37	5°50	11°35	22°51	10°49	25°55	2°42	8°28	7°21	29°10	n.a.	M 6
T 7	14 40 0	10°47'15	10♌10	0♉21	14°51	6°34	11°44	22°47	10°52	25°54	2°43	8°D28	7°18	29°16	n.a.	T 7
W 8	14 43 57	11°44'30	23°23	2°25	16° 5	7°18	11°53	22°43	10°54	25°53	2°45	8°28	7°15	29°23	n.a.	W 8
T 9	14 47 53	12°41'44	6♍15	4°31	17°18	8° 1	12° 2	22°39	10°56	25°52	2°46	8°R28	7°11	29°30	n.a.	T 9
F 10	14 51 50	13°38'57	18°49	6°38	18°32	8°45	12°12	22°34	10°59	25°51	2°47	8°28	7° 8	29°36	n.a.	F 10
S 11	14 55 47	14°36'09	1♎11	8°46	19°46	9°28	12°21	22°30	11° 1	25°50	2°49	8°26	7° 5	29°43	n.a.	S 11
S 12	14 59 43	15°33'20	13°22	10°56	20°59	10°11	12°31	22°26	11° 3	25°49	2°50	8°21	7° 2	29°50	n.a.	S 12
M13	15 3 40	16°30'31	25°26	13° 7	22°13	10°55	12°40	22°21	11° 6	25°48	2°52	8°13	6°59	29°57	n.a.	M13
T 14	15 7 36	17°27'40	7♏25	15°18	23°27	11°38	12°50	22°17	11° 8	25°47	2°53	8° 3	6°56	0♐ 3	n.a.	T 14
W15	15 11 33	18°24'49	19°20	17°29	24°40	12°21	13° 0	22°12	11°11	25°46	2°55	7°52	6°52	0°10	n.a.	W15
T 16	15 15 29	19°21'58	1♐13	19°41	25°54	13° 4	13°10	22° 8	11°13	25°44	2°56	7°39	6°49	0°17	n.a.	T 16
F 17	15 19 26	20°19'06	13° 6	21°52	27° 8	13°47	13°20	22° 4	11°16	25°43	2°57	7°26	6°46	0°24	n.a.	F 17
S 18	15 23 22	21°16'14	24°59	24° 3	28°21	14°30	13°30	21°59	11°19	25°42	2°59	7°15	6°43	0°30	n.a.	S 18
S 19	15 27 19	22°13'22	6♑56	26°14	29°35	15°13	13°40	21°55	11°21	25°41	3° 0	7° 5	6°40	0°37	n.a.	S 19
M20	15 31 16	23°10'29	18°59	28°23	0♊48	15°56	13°51	21°51	11°24	25°39	3° 2	6°58	6°36	0°44	n.a.	M20
T 21	15 35 12	24° 7'36	1♒11	0♊31	2° 2	16°39	14° 1	21°46	11°27	25°38	3° 3	6°54	6°33	0°50	n.a.	T 21
W22	15 39 9	25° 4'44	13°36	2°38	3°16	17°22	14°12	21°42	11°30	25°37	3° 5	6°52	6°30	0°57	n.a.	W22
T 23	15 43 5	26° 1'51	26°19	4°43	4°29	18° 4	14°22	21°37	11°33	25°35	3° 6	6°D52	6°27	1° 4	n.a.	T 23
F 24	15 47 2	26°58'58	9♓24	6°47	5°43	18°47	14°33	21°33	11°35	25°34	3° 8	6°R52	6°24	1°11	n.a.	F 24
S 25	15 50 58	27°56'05	22°55	8°49	6°57	19°30	14°44	21°29	11°38	25°33	3° 9	6°51	6°21	1°17	n.a.	S 25
S 26	15 54 55	28°53'12	6♈54	10°49	8°10	20°12	14°54	21°24	11°41	25°31	3°11	6°49	6°17	1°24	n.a.	S 26
M27	15 58 52	29°50'20	21°22	12°47	9°24	20°55	15° 5	21°20	11°44	25°30	3°12	6°44	6°14	1°31	n.a.	M27
T 28	16 2 48	0♊47'27	6♉15	14°43	10°38	21°37	15°16	21°16	11°47	25°28	3°14	6°37	6°11	1°37	n.a.	T 28
W29	16 6 45	1°44'34	21°25	16°37	11°51	22°19	15°27	21°11	11°50	25°27	3°15	6°27	6° 8	1°44	n.a.	W29
T 30	16 10 41	2°41'42	6♊44	18°29	13° 5	23° 1	15°38	21° 7	11°53	25°25	3°16	6°16	6° 5	1°51	n.a.	T 30
F 31	16 14 38	3♊38'50	22♊ 0	20♊20	14♊19	23♈44	15♋50	21♏ 3	11♋56	25♐24	3♊18	6♍ 6	6♍ 2	1♐58	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	13n22	11n34	4s34	5n47	1s45	13n50	0s22	0s 1	0s58	24n 2	0n45	16s58	1n54	23n48	0n30	22s55	0n45	16n12	4s50	8n18	8n49	15s 8			n.a.
T 2	13 41	15 7	5 0	6 38	1 36	14 16	0 20	0n17	0 58	24 1	0 45	16 57	1 54	23 47	0 30	22 55	0 45	16 12	4 49	8 21	8 50	15 9			n.a.
F 3	14 0	17 38	5 4	7 30	1 26	14 42	0 17	0 35	0 58	24 0	0 45	16 56	1 54	23 47	0 30	22 55	0 45	16 13	4 49	8 24	8 51	15 11			n.a.
S 4	14 19	18 55	4 48	8 22	1 17	15 7	0 15	0 53	0 57	23 59	0 45	16 55	1 54	23 47	0 30	22 55	0 45	16 13	4 49	8 27	8 53	15 12			n.a.
S 5	14 38	18 56	4 13	9 15	1 7	15 33	0 13	1 11	0 57	23 59	0 45	16 54	1 54	23 47	0 30	22 55	0 45	16 13	4 49	8 29	8 54	15 13			n.a.
M 6	14 56	17 45	3 24	10 8	0 56	15 57	0 10	1 29	0 56	23 58	0 45	16 53	1 54	23 47	0 30	22 55	0 45	16 14	4 49	8 30	8 55	15 15			n.a.
T 7	15 15	15 35	2 25	11 1	0 46	16 22	0 8	1 47	0 56	23 57	0 45	16 52	1 54	23 46	0 30	22 55	0 45	16 14	4 49	8 30	8 56	15 16			n.a.
W 8	15 32	12 38	1 20	11 55	0 35	16 46	0 6	2 5	0 56	23 56	0 45	16 50	1 54	23 46	0 30	22 54	0 45	16 14	4 49	8 30	8 57	15 17			n.a.
T 9	15 50	9 9	0 12	12 48	0 24	17 9	0 3	2 22	0 55	23 55	0 45	16 49	1 54	23 46	0 30	22 54	0 45	16 15	4 49	8 30	8 59	15 18			n.a.
F 10	16 8	5 19	0n55	13 41	0 14	17 32	0 1	2 40	0 55	23 54	0 45	16 48	1 54	23 46	0 30	22 54	0 45	16 15	4 49	8 30	9 0	15 20			n.a.
S 11	16 25	1 19	1 58	14 33	0 3	17 55	0n 1	2 58	0 54	23 53	0 45	16 47	1 54	23 46	0 30	22 54	0 45	16 15	4 49	8 31	9 1	15 21			n.a.
S 12	16 42	2s40	2 54	15 25	0n 8	18 17	0 4	3 15	0 54	23 52	0 45	16 46	1 54	23 45	0 30	22 54	0 45	16 16	4 48	8 32	9 2	15 22			n.a.
M13	16 59	6 30	3 42	16 15	0 18	18 39	0 6	3 33	0 54	23 52	0 45	16 45	1 54	23 45	0 30	22 54	0 46	16 16	4 48	8 35	9 3	15 24			n.a.
T 14	17 15	10 4	4 20	17 5	0 29	19 0	0 9	3 51	0 53	23 51	0 45	16 44	1 54	23 45	0 30	22 54	0 46	16 17	4 48	8 39	9 4	15 25			n.a.
W15	17 31	13 11	4 46	17 52	0 39	19 21	0 11	4 8	0 53	23 50	0 45	16 43	1 53	23 45	0 30	22 54	0 46	16 17	4 48	8 43	9 6	15 26			n.a.
T 16	17 47	15 46	4 59	18 39	0 48	19 41	0 13	4 25	0 52	23 49	0 45	16 42	1 53	23 45	0 30	22 54	0 46	16 17	4 48	8 48	9 7	15 27			n.a.
F 17	18 3	17 41	5 0	19 23	0 57	20 1	0 16	4 43	0 52	23 48	0 45	16 41	1 53	23 44	0 30	22 54	0 46	16 18	4 48	8 53	9 8	15 29			n.a.
S 18	18 18	18 51	4 47	20 5	1 6	20 20	0 18	5 0	0 51	23 47	0 45	16 40	1 53	23 44	0 30	22 54	0 46	16 18	4 48	8 57	9 9	15 30			n.a.
S 19	18 33	19 11	4 22	20 45	1 14	20 38	0 20	5 17	0 51	23 45	0 45	16 39	1 53	23 44	0 30	22 54	0 46	16 18	4 48	9 1	9 10	15 31			n.a.
M20	18 48	18 40	3 45	21 22	1 22	20 56	0 23	5 34	0 50	23 44	0 45	16 38	1 53	23 44	0 30	22 54	0 46	16 19	4 48	9 3	9 12	15 33			n.a.
T 21	19 2	17 16	2 57	21 57	1 29	21 14	0 25	5 51	0 50	23 43	0 45	16 37	1 53	23 43	0 30	22 54	0 46	16 19	4 48	9 5	9 13	15 34			n.a.
W22	19 16	15 2	2 0	22 29	1 35	21 31	0 27	6 8	0 49	23 42	0 45	16 35	1 53	23 43	0 30	22 54	0 46	16 19	4 48	9 6	9 14	15 35			n.a.
T 23	19 30	12 2	0 56	22 59	1 40	21 47	0 30	6 25	0 49	23 41	0 45	16 34	1 53	23 43	0 30	22 54	0 46	16 20	4 48	9 6	9 15	15 36			n.a.
F 24	19 43	8 21	0s13	23 26	1 45	22 3	0 32	6 42	0 48	23 40	0 45	16 33	1 53	23 43	0 30	22 54	0 46	16 20	4 48	9 6	9 16	15 38			n.a.
S 25	19 56	4 7	1 24	23 50	1 49	22 18	0 34	6 59	0 48	23 39	0 45	16 32	1 53	23 42	0 30	22 54	0 46	16 20	4 48	9 6	9 18	15 39			n.a.
S 26	20 9	0n27	2 32	24 12	1 53	22 32	0 36	7 16	0 47	23 37	0 45	16 31	1 53	23 42	0 30	22 54	0 46	16 21	4 47	9 7	9 19	15 40			n.a.
M27	20 22	5 10	3 32	24 31	1 56	22 46	0 39	7 32	0 47	23 36	0 45	16 30	1 53	23 42	0 30	22 54	0 46	16 21	4 47	9 9	9 20	15 42			n.a.
T 28	20 34	9 41	4 20	24 48	1 58	22 59	0 41	7 49	0 46	23 35	0 45	16 29	1 53	23 41	0 30	22 54	0 46	16 21	4 47	9 12	9 21	15 43			n.a.
W29	20 46	13 40	4 50	25 1	1 59	23 12	0 43	8 5	0 46	23 34	0 45	16 28	1 52	23 41	0 29	22 54	0 46	16 22	4 47	9 15	9 22	15 44			n.a.
T 30	20 57	16 46	5 0	25 13	2 0	23 24	0 45	8 21	0 45	23 32	0 45	16 27	1 52	23 41	0 29	22 54	0 46	16 22	4 47	9 19	9 23	15 45			n.a.
F 31	21n 8	18n41	4s49	25n22	2n 0	23n35	0n47	8n38	0s45	23n31	0n45	16s26	1n52	23n41	0n29	22s53	0n46	16n22	4s47	9n23	9n25	15s47			n.a.

Julian Day Number = 1607950.5, Delta T = 03h55m04s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'39, Lahiri = - 8°14'38 Julian Calendar 1 May 311 BCE == Greg. Calendar 26 Apr. 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

JUNE 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 18 34	4♊35'57	7♋ 2	22♊ 8	15♊32	24♈26	16♋ 1	20°R59	11♋59	25°R23	3♊19	5°R57	5♍58	2♐ 4	n.a.	S 1
S 2	16 22 31	5°33'04	21°41	23°53	16°46	25° 8	16°12	20♏54	12° 3	25♐21	3°21	5♍50	5°55	2°11	n.a.	S 2
M 3	16 26 27	6°30'12	5♌52	25°37	17°59	25°50	16°24	20°50	12° 6	25°20	3°22	5°46	5°52	2°18	n.a.	M 3
T 4	16 30 24	7°27'19	19°34	27°19	19°13	26°32	16°35	20°46	12° 9	25°18	3°24	5°44	5°49	2°25	n.a.	T 4
W 5	16 34 21	8°24'25	2♍49	28°59	20°27	27°14	16°46	20°42	12°12	25°16	3°25	5°43	5°46	2°31	n.a.	W 5
T 6	16 38 17	9°21'32	15°40	0♋36	21°40	27°55	16°58	20°38	12°15	25°15	3°27	5°43	5°42	2°38	n.a.	T 6
F 7	16 42 14	10°18'39	28°11	2°12	22°54	28°37	17°10	20°34	12°19	25°13	3°28	5°42	5°39	2°45	n.a.	F 7
S 8	16 46 10	11°15'45	10♎27	3°45	24° 8	29°19	17°21	20°30	12°22	25°12	3°30	5°40	5°36	2°51	n.a.	S 8
S 9	16 50 7	12°12'52	22°32	5°16	25°21	0♉ 0	17°33	20°26	12°25	25°10	3°31	5°34	5°33	2°58	n.a.	S 9
M10	16 54 3	13° 9'59	4♏29	6°45	26°35	0°42	17°45	20°22	12°29	25° 9	3°33	5°27	5°30	3° 5	n.a.	M10
T 11	16 58 0	14° 7'05	16°23	8°12	27°48	1°23	17°57	20°18	12°32	25° 7	3°34	5°16	5°27	3°12	n.a.	T 11
W12	17 1 56	15° 4'13	28°16	9°37	29° 2	2° 4	18° 9	20°15	12°35	25° 6	3°36	5° 4	5°23	3°18	n.a.	W12
T 13	17 5 53	16° 1'20	10♐ 8	10°59	0♋16	2°46	18°21	20°11	12°39	25° 4	3°37	4°51	5°20	3°25	n.a.	T 13
F 14	17 9 50	16°58'28	22° 3	12°20	1°29	3°27	18°33	20° 7	12°42	25° 2	3°38	4°37	5°17	3°32	n.a.	F 14
S 15	17 13 46	17°55'37	4♑ 1	13°37	2°43	4° 8	18°45	20° 4	12°46	25° 1	3°40	4°25	5°14	3°39	n.a.	S 15
S 16	17 17 43	18°52'46	16° 4	14°53	3°56	4°49	18°57	20° 0	12°49	24°59	3°41	4°15	5°11	3°45	n.a.	S 16
M17	17 21 39	19°49'56	28°14	16° 6	5°10	5°30	19° 9	19°56	12°52	24°58	3°43	4° 8	5° 8	3°52	n.a.	M17
T 18	17 25 36	20°47'06	10♒32	17°17	6°24	6°11	19°21	19°53	12°56	24°56	3°44	4° 3	5° 4	3°59	n.a.	T 18
W19	17 29 32	21°44'18	23° 2	18°25	7°37	6°52	19°33	19°50	12°59	24°54	3°46	4° 1	5° 1	4° 5	n.a.	W19
T 20	17 33 29	22°41'30	5♓48	19°30	8°51	7°33	19°46	19°46	13° 3	24°53	3°47	4°D 1	4°58	4°12	n.a.	T 20
F 21	17 37 25	23°38'43	18°52	20°33	10° 4	8°13	19°58	19°43	13° 7	24°51	3°48	4°R 1	4°55	4°19	n.a.	F 21
S 22	17 41 22	24°35'57	2♈18	21°33	11°18	8°54	20°10	19°40	13°10	24°49	3°50	4° 1	4°52	4°26	n.a.	S 22
S 23	17 45 19	25°33'12	16° 9	22°30	12°32	9°35	20°23	19°37	13°14	24°48	3°51	3°59	4°48	4°32	n.a.	S 23
M24	17 49 15	26°30'29	0♉26	23°24	13°45	10°15	20°35	19°33	13°17	24°46	3°53	3°55	4°45	4°39	n.a.	M24
T 25	17 53 12	27°27'46	15° 6	24°15	14°59	10°56	20°48	19°30	13°21	24°45	3°54	3°49	4°42	4°46	n.a.	T 25
W26	17 57 8	28°25'04	0♊ 5	25° 2	16°12	11°36	21° 0	19°28	13°24	24°43	3°55	3°41	4°39	4°52	n.a.	W26
T 27	18 1 5	29°22'24	15°15	25°46	17°26	12°16	21°13	19°25	13°28	24°41	3°57	3°32	4°36	4°59	n.a.	T 27
F 28	18 5 1	0♋19'45	0♋26	26°27	18°40	12°56	21°25	19°22	13°32	24°40	3°58	3°23	4°33	5° 6	n.a.	F 28
S 29	18 8 58	1°17'06	15°27	27° 3	19°53	13°36	21°38	19°19	13°35	24°38	3°59	3°15	4°29	5°13	n.a.	S 29
S 30	18 12 55	2♋14'28	0♌ 8	27♋36	21♋ 7	14♉17	21♋51	19♏17	13♋39	24♐36	4♊ 1	3♍ 9	4♍26	5♐19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n19	19n15	4s18	25n29	1n59	23n45	0n49	8n54	0s44	23n30	0n45	16s25	1n52	23n40	0n29	22s53	0n46	16n23	4s47	9n27	9n26	15s48		n.a.
S 2	21 29	18 30	3 30	25 33	1 58	23 55	0 51	9 10	0 44	23 28	0 45	16 24	1 52	23 40	0 29	22 53	0 46	16 23	4 47	9 29	9 27	15 49		n.a.
M 3	21 39	16 36	2 31	25 35	1 56	24 4	0 53	9 26	0 43	23 27	0 45	16 23	1 52	23 40	0 29	22 53	0 46	16 23	4 47	9 31	9 28	15 50		n.a.
T 4	21 49	13 48	1 24	25 36	1 54	24 12	0 55	9 42	0 42	23 26	0 45	16 22	1 52	23 39	0 29	22 53	0 46	16 24	4 47	9 31	9 29	15 52		n.a.
W 5	21 58	10 21	0 15	25 34	1 50	24 20	0 57	9 58	0 42	23 24	0 45	16 21	1 52	23 39	0 29	22 53	0 46	16 24	4 47	9 32	9 31	15 53		n.a.
T 6	22 7	6 31	0n52	25 30	1 47	24 27	0 59	10 13	0 41	23 23	0 45	16 20	1 51	23 39	0 29	22 53	0 46	16 24	4 47	9 32	9 32	15 54		n.a.
F 7	22 16	2 30	1 56	25 25	1 42	24 33	1 1	10 29	0 41	23 21	0 45	16 19	1 51	23 38	0 29	22 53	0 46	16 25	4 47	9 32	9 33	15 55		n.a.
S 8	22 24	1s33	2 52	25 18	1 37	24 39	1 3	10 44	0 40	23 20	0 45	16 18	1 51	23 38	0 29	22 53	0 46	16 25	4 47	9 33	9 34	15 57		n.a.
S 9	22 32	5 28	3 40	25 9	1 32	24 44	1 5	11 0	0 40	23 18	0 45	16 17	1 51	23 38	0 29	22 53	0 45	16 25	4 47	9 35	9 35	15 58		n.a.
M10	22 39	9 7	4 18	24 59	1 26	24 48	1 6	11 15	0 39	23 17	0 45	16 17	1 51	23 38	0 29	22 53	0 45	16 26	4 47	9 38	9 36	15 59		n.a.
T 11	22 46	12 24	4 44	24 48	1 20	24 51	1 8	11 30	0 38	23 15	0 45	16 16	1 51	23 37	0 29	22 53	0 45	16 26	4 47	9 42	9 38	16 0		n.a.
W12	22 53	15 10	4 58	24 35	1 13	24 53	1 10	11 45	0 38	23 13	0 45	16 15	1 51	23 37	0 29	22 53	0 45	16 26	4 47	9 46	9 39	16 1		n.a.
T 13	22 59	17 19	4 59	24 21	1 5	24 55	1 11	12 0	0 37	23 12	0 45	16 14	1 50	23 37	0 29	22 53	0 45	16 26	4 47	9 51	9 40	16 3		n.a.
F 14	23 5	18 43	4 47	24 6	0 58	24 56	1 13	12 15	0 37	23 10	0 45	16 13	1 50	23 36	0 29	22 53	0 45	16 27	4 47	9 56	9 41	16 4		n.a.
S 15	23 10	19 19	4 22	23 50	0 49	24 57	1 14	12 29	0 36	23 8	0 45	16 12	1 50	23 36	0 29	22 53	0 45	16 27	4 47	10 0	9 42	16 5		n.a.
S 16	23 16	19 2	3 45	23 33	0 40	24 56	1 16	12 44	0 35	23 7	0 45	16 11	1 50	23 36	0 29	22 53	0 45	16 27	4 47	10 4	9 44	16 6		n.a.
M17	23 20	17 52	2 57	23 16	0 31	24 55	1 17	12 58	0 35	23 5	0 45	16 11	1 50	23 35	0 29	22 53	0 45	16 28	4 47	10 7	9 45	16 8		n.a.
T 18	23 24	15 52	2 1	22 57	0 22	24 53	1 19	13 13	0 34	23 3	0 45	16 10	1 50	23 35	0 29	22 53	0 45	16 28	4 47	10 9	9 46	16 9		n.a.
W19	23 28	13 5	0 58	22 38	0 12	24 50	1 20	13 27	0 33	23 2	0 45	16 9	1 50	23 34	0 29	22 52	0 45	16 28	4 47	10 9	9 47	16 10		n.a.
T 20	23 32	9 39	0s 9	22 19	0 1	24 47	1 21	13 41	0 33	23 0	0 45	16 8	1 49	23 34	0 29	22 52	0 45	16 28	4 46	10 9	9 48	16 11		n.a.
F 21	23 35	5 39	1 18	21 59	0s10	24 43	1 22	13 55	0 32	22 58	0 45	16 8	1 49	23 34	0 29	22 52	0 45	16 29	4 46	10 9	9 49	16 12		n.a.
S 22	23 37	1 17	2 24	21 39	0 21	24 38	1 23	14 8	0 32	22 56	0 45	16 7	1 49	23 33	0 29	22 52	0 45	16 29	4 46	10 9	9 51	16 14		n.a.
S 23	23 39	3n17	3 24	21 18	0 32	24 32	1 24	14 22	0 31	22 54	0 45	16 6	1 49	23 33	0 29	22 52	0 45	16 29	4 46	10 10	9 52	16 15		n.a.
M24	23 41	7 48	4 13	20 57	0 44	24 26	1 25	14 36	0 30	22 52	0 45	16 6	1 49	23 33	0 29	22 52	0 45	16 30	4 46	10 11	9 53	16 16		n.a.
T 25	23 42	11 59	4 47	20 37	0 56	24 18	1 26	14 49	0 30	22 51	0 45	16 5	1 48	23 32	0 29	22 52	0 45	16 30	4 46	10 14	9 54	16 17		n.a.
W26	23 43	15 29	5 3	20 16	1 8	24 11	1 27	15 2	0 29	22 49	0 45	16 4	1 48	23 32	0 29	22 52	0 45	16 30	4 46	10 17	9 55	16 18		n.a.
T 27	23 44	17 59	4 57	19 56	1 20	24 2	1 28	15 15	0 28	22 47	0 45	16 4	1 48	23 32	0 29	22 52	0 45	16 30	4 46	10 20	9 56	16 20		n.a.
F 28	23 44	19 13	4 30	19 36	1 33	23 53	1 29	15 28	0 28	22 45	0 45	16 3	1 48	23 31	0 29	22 52	0 45	16 31	4 46	10 23	9 58	16 21		n.a.
S 29	23 43	19 5	3 45	19 16	1 46	23 43	1 29	15 41	0 27	22 43	0 45	16 3	1 48	23 31	0 29	22 52	0 45	16 31	4 46	10 26	9 59	16 22		n.a.
S 30	23n43	17n40	2s46	18n57	1s59	23n32	1n30	15n54	0s26	22n41	0n45	16s 2	1n48	23n30	0n29	22s52	0n45	16n31	4s46	10n28	10n 0	16s23		n.a.

Julian Day Number = 1607981.5, Delta T = 03h55m03s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'35, Lahiri = - 8°14'34 Julian Calendar 1 June 311 BCE == Greg. Calendar 27 May 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

JULY 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 16 51	3♋11'51	14♌24	28♋ 4	22♋20	14♉57	22♋ 3	19°R14	13♋43	24°R35	4♊ 2	3°R 5	4♍23	5♐26	n.a.	M 1
T 2	18 20 48	4° 9'15	28°12	28°28	23°34	15°36	22°16	19♏12	13°46	24♐33	4° 3	3°D 3	4°20	5°33	n.a.	T 2
W 3	18 24 44	5° 6'40	11♍32	28°48	24°47	16°16	22°29	19° 9	13°50	24°32	4° 5	3♍ 4	4°17	5°40	n.a.	W 3
T 4	18 28 41	6° 4'05	24°27	29° 3	26° 1	16°56	22°42	19° 7	13°54	24°30	4° 6	3° 4	4°14	5°46	n.a.	T 4
F 5	18 32 37	7° 1'32	7♎ 0	29°12	27°14	17°36	22°55	19° 5	13°57	24°28	4° 7	3°R 5	4°10	5°53	n.a.	F 5
S 6	18 36 34	7°58'59	19°16	29°R17	28°28	18°15	23° 7	19° 2	14° 1	24°27	4° 9	3° 4	4° 7	6° 0	n.a.	S 6
S 7	18 40 30	8°56'27	1♏19	29°17	29°42	18°55	23°20	19° 0	14° 5	24°25	4°10	3° 2	4° 4	6° 6	n.a.	S 7
M 8	18 44 27	9°53'56	13°16	29°11	0♌55	19°34	23°33	18°58	14° 9	24°24	4°11	2°57	4° 1	6°13	n.a.	M 8
T 9	18 48 24	10°51'26	25° 8	29° 0	2° 9	20°13	23°46	18°56	14°12	24°22	4°12	2°50	3°58	6°20	n.a.	T 9
W10	18 52 20	11°48'57	7♐ 0	28°43	3°22	20°53	23°59	18°55	14°16	24°21	4°13	2°42	3°54	6°27	n.a.	W10
T 11	18 56 17	12°46'30	18°55	28°22	4°36	21°32	24°12	18°53	14°20	24°19	4°15	2°32	3°51	6°33	n.a.	T 11
F 12	19 0 13	13°44'03	0♑55	27°54	5°49	22°11	24°25	18°51	14°23	24°18	4°16	2°23	3°48	6°40	n.a.	F 12
S 13	19 4 10	14°41'38	13° 1	27°22	7° 3	22°50	24°38	18°50	14°27	24°16	4°17	2°15	3°45	6°47	n.a.	S 13
S 14	19 8 6	15°39'14	25°14	26°45	8°16	23°29	24°51	18°48	14°31	24°15	4°18	2° 8	3°42	6°54	n.a.	S 14
M15	19 12 3	16°36'52	7♒36	26° 4	9°29	24° 8	25° 4	18°47	14°35	24°13	4°19	2° 3	3°39	7° 0	n.a.	M15
T 16	19 15 59	17°34'31	20° 8	25°19	10°43	24°47	25°17	18°46	14°38	24°12	4°21	2° 1	3°35	7° 7	n.a.	T 16
W17	19 19 56	18°32'12	2♓51	24°32	11°56	25°25	25°30	18°44	14°42	24°10	4°22	2°D 0	3°32	7°14	n.a.	W17
T 18	19 23 53	19°29'54	15°47	23°41	13°10	26° 4	25°43	18°43	14°46	24° 9	4°23	2° 1	3°29	7°20	n.a.	T 18
F 19	19 27 49	20°27'38	28°59	22°50	14°23	26°42	25°56	18°42	14°49	24° 7	4°24	2° 2	3°26	7°27	n.a.	F 19
S 20	19 31 46	21°25'24	12♈28	21°58	15°37	27°21	26° 9	18°42	14°53	24° 6	4°25	2° 3	3°23	7°34	n.a.	S 20
S 21	19 35 42	22°23'11	26°15	21° 6	16°50	27°59	26°22	18°41	14°57	24° 5	4°26	2°R 3	3°20	7°41	n.a.	S 21
M22	19 39 39	23°21'01	10♉22	20°16	18° 3	28°38	26°35	18°40	15° 0	24° 3	4°27	2° 2	3°16	7°47	n.a.	M22
T 23	19 43 35	24°18'52	24°47	19°29	19°17	29°16	26°48	18°39	15° 4	24° 2	4°28	1°59	3°13	7°54	n.a.	T 23
W24	19 47 32	25°16'46	9♊27	18°46	20°30	29°54	27° 1	18°39	15° 8	24° 1	4°29	1°55	3°10	8° 1	n.a.	W24
T 25	19 51 28	26°14'41	24°15	18° 7	21°43	0♊32	27°14	18°38	15°12	23°59	4°30	1°50	3° 7	8° 8	n.a.	T 25
F 26	19 55 25	27°12'38	9♋ 6	17°33	22°57	1°10	27°28	18°38	15°15	23°58	4°31	1°45	3° 4	8°14	n.a.	F 26
S 27	19 59 22	28°10'37	23°51	17° 7	24°10	1°48	27°41	18°38	15°19	23°57	4°32	1°41	3° 0	8°21	n.a.	S 27
S 28	20 3 18	29° 8'38	8♌21	16°47	25°23	2°25	27°54	18°38	15°23	23°55	4°33	1°37	2°57	8°28	n.a.	S 28
M29	20 7 15	0♌ 6'40	22°32	16°34	26°37	3° 3	28° 7	18°D38	15°26	23°54	4°34	1°36	2°54	8°34	n.a.	M29
T 30	20 11 11	1° 4'44	6♍19	16°D29	27°50	3°41	28°20	18°38	15°30	23°53	4°35	1°D35	2°51	8°41	n.a.	T 30
W31	20 15 8	2♌ 2'50	19♍40	16♋33	29♌ 3	4♊18	28♋33	18♏38	15♋33	23♐52	4♊36	1♍36	2♍48	8♐48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n41	15n 9	1s38	18n39	2s12	23n21	1n31	16n 7	0s25	22n39	0n45	16s 2	1n47	23n30	0n29	22s52	0n45	16n31	4s46	10n30	10n 1	16s24			n.a.
T 2	23 40	11 50	0 26	18 21	2 25	23 8	1 31	16 19	0 25	22 37	0 45	16 1	1 47	23 30	0 29	22 52	0 45	16 32	4 46	10 30	10 2	16 26			n.a.
W 3	23 38	8 1	0n45	18 5	2 38	22 56	1 31	16 31	0 24	22 35	0 45	16 1	1 47	23 29	0 29	22 52	0 45	16 32	4 46	10 30	10 4	16 27			n.a.
T 4	23 35	3 56	1 52	17 49	2 51	22 42	1 32	16 44	0 23	22 33	0 46	16 0	1 47	23 29	0 29	22 52	0 45	16 32	4 46	10 30	10 5	16 28			n.a.
F 5	23 32	0s11	2 51	17 35	3 3	22 28	1 32	16 56	0 23	22 30	0 46	16 0	1 47	23 29	0 29	22 52	0 45	16 32	4 46	10 30	10 6	16 29			n.a.
S 6	23 29	4 13	3 42	17 22	3 16	22 13	1 32	17 7	0 22	22 28	0 46	15 59	1 46	23 28	0 29	22 52	0 45	16 32	4 46	10 30	10 7	16 30			n.a.
S 7	23 25	8 0	4 21	17 10	3 28	21 58	1 32	17 19	0 21	22 26	0 46	15 59	1 46	23 28	0 29	22 52	0 45	16 33	4 46	10 31	10 8	16 31			n.a.
M 8	23 21	11 26	4 48	17 0	3 39	21 42	1 32	17 31	0 20	22 24	0 46	15 59	1 46	23 27	0 29	22 52	0 45	16 33	4 46	10 33	10 9	16 33			n.a.
T 9	23 17	14 22	5 3	16 51	3 50	21 25	1 32	17 42	0 20	22 22	0 46	15 58	1 46	23 27	0 29	22 51	0 45	16 33	4 46	10 35	10 11	16 34			n.a.
W10	23 12	16 44	5 5	16 45	4 0	21 8	1 32	17 53	0 19	22 20	0 46	15 58	1 45	23 27	0 29	22 51	0 45	16 33	4 46	10 38	10 12	16 35			n.a.
T 11	23 7	18 23	4 54	16 40	4 10	20 50	1 32	18 4	0 18	22 17	0 46	15 58	1 45	23 26	0 29	22 51	0 45	16 34	4 46	10 42	10 13	16 36			n.a.
F 12	23 1	19 14	4 30	16 37	4 18	20 32	1 32	18 15	0 17	22 15	0 46	15 58	1 45	23 26	0 29	22 51	0 45	16 34	4 47	10 45	10 14	16 37			n.a.
S 13	22 55	19 13	3 53	16 37	4 25	20 13	1 32	18 26	0 17	22 13	0 46	15 57	1 45	23 25	0 29	22 51	0 45	16 34	4 47	10 48	10 15	16 38			n.a.
S 14	22 48	18 19	3 5	16 38	4 31	19 53	1 31	18 37	0 16	22 10	0 46	15 57	1 45	23 25	0 29	22 51	0 45	16 34	4 47	10 51	10 16	16 40			n.a.
M15	22 41	16 32	2 8	16 41	4 35	19 33	1 31	18 47	0 15	22 8	0 46	15 57	1 44	23 25	0 29	22 51	0 45	16 34	4 47	10 52	10 18	16 41			n.a.
T 16	22 34	13 57	1 4	16 47	4 38	19 13	1 30	18 58	0 14	22 6	0 46	15 57	1 44	23 24	0 29	22 51	0 45	16 34	4 47	10 53	10 19	16 42			n.a.
W17	22 26	10 39	0s 5	16 54	4 39	18 51	1 30	19 8	0 14	22 3	0 46	15 57	1 44	23 24	0 29	22 51	0 45	16 35	4 47	10 53	10 20	16 43			n.a.
T 18	22 18	6 48	1 14	17 4	4 38	18 30	1 29	19 18	0 13	22 1	0 46	15 57	1 44	23 23	0 29	22 51	0 45	16 35	4 47	10 53	10 21	16 44			n.a.
F 19	22 9	2 34	2 21	17 15	4 35	18 7	1 28	19 28	0 12	21 59	0 46	15 57	1 44	23 23	0 30	22 51	0 45	16 35	4 47	10 53	10 22	16 45			n.a.
S 20	22 0	1n53	3 22	17 28	4 31	17 45	1 28	19 37	0 11	21 56	0 46	15 56	1 43	23 23	0 30	22 51	0 45	16 35	4 47	10 52	10 23	16 46			n.a.
S 21	21 51	6 20	4 12	17 42	4 24	17 22	1 27	19 47	0 11	21 54	0 47	15 56	1 43	23 22	0 30	22 51	0 45	16 35	4 47	10 52	10 25	16 48			n.a.
M22	21 41	10 32	4 49	17 58	4 16	16 58	1 26	19 56	0 10	21 51	0 47	15 56	1 43	23 22	0 30	22 51	0 45	16 35	4 47	10 53	10 26	16 49			n.a.
T 23	21 31	14 13	5 8	18 15	4 6	16 34	1 25	20 6	0 9	21 49	0 47	15 57	1 43	23 21	0 30	22 51	0 45	16 36	4 47	10 54	10 27	16 50			n.a.
W24	21 20	17 4	5 8	18 32	3 54	16 9	1 24	20 15	0 8	21 46	0 47	15 57	1 42	23 21	0 30	22 51	0 45	16 36	4 47	10 55	10 28	16 51			n.a.
T 25	21 10	18 49	4 47	18 51	3 41	15 44	1 23	20 23	0 7	21 44	0 47	15 57	1 42	23 21	0 30	22 51	0 45	16 36	4 47	10 57	10 29	16 52			n.a.
F 26	20 58	19 18	4 8	19 9	3 26	15 19	1 21	20 32	0 6	21 41	0 47	15 57	1 42	23 20	0 30	22 51	0 45	16 36	4 47	10 59	10 30	16 53			n.a.
S 27	20 47	18 27	3 11	19 28	3 11	14 53	1 20	20 41	0 6	21 39	0 47	15 57	1 42	23 20	0 30	22 51	0 45	16 36	4 47	11 0	10 31	16 54			n.a.
S 28	20 35	16 25	2 4	19 47	2 54	14 27	1 19	20 49	0 5	21 36	0 47	15 57	1 42	23 19	0 30	22 51	0 45	16 36	4 47	11 2	10 33	16 55			n.a.
M29	20 22	13 24	0 49	20 5	2 37	14 0	1 17	20 57	0 4	21 34	0 47	15 57	1 41	23 19	0 30	22 51	0 45	16 37	4 47	11 2	10 34	16 57			n.a.
T 30	20 10	9 42	0n26	20 23	2 19	13 33	1 16	21 6	0 3	21 31	0 47	15 58	1 41	23 19	0 30	22 51	0 45	16 37	4 47	11 2	10 35	16 58			n.a.
W31	19n57	5n38	1n37	20n41	2s 2	13n 6	1n14	21n13	0s 2	21n28	0n47	15s58	1n41	23n18	0n30	22s51	0n45	16n37	4s47	11n 2	10n36	16s59			n.a.

Julian Day Number = 1608011.5, Delta T = 03h55m02s
Ecliptic obliquity = 23°43'49, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'31, Lahiri = - 8°14'30 Julian Calendar 1 July 311 BCE == Greg. Calendar 26 June 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

AUGUST 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 19 4	3♌ 0'57	2♎38	16♋45	0♍17	4♊55	28♋46	18♏38	15♋37	23°R51	4♊37	1♍38	2♍45	8♐55	n.a.	T 1
F 2	20 23 1	3°59'05	15°14	17° 5	1°30	5°33	28°59	18°38	15°41	23♐49	4°37	1°39	2°41	9° 1	n.a.	F 2
S 3	20 26 57	4°57'15	27°33	17°34	2°43	6°10	29°12	18°39	15°44	23°48	4°38	1°40	2°38	9° 8	n.a.	S 3
S 4	20 30 54	5°55'27	9♏39	18°11	3°56	6°47	29°25	18°39	15°48	23°47	4°39	1°R41	2°35	9°15	n.a.	S 4
M 5	20 34 50	6°53'40	21°36	18°56	5° 9	7°24	29°38	18°40	15°51	23°46	4°40	1°40	2°32	9°21	n.a.	M 5
T 6	20 38 47	7°51'55	3♐29	19°49	6°23	8° 1	29°51	18°41	15°55	23°45	4°41	1°38	2°29	9°28	n.a.	T 6
W 7	20 42 44	8°50'12	15°22	20°49	7°36	8°38	0♑ 4	18°42	15°58	23°44	4°41	1°35	2°26	9°35	n.a.	W 7
T 8	20 46 40	9°48'30	27°20	21°56	8°49	9°14	0°17	18°43	16° 2	23°43	4°42	1°31	2°22	9°42	n.a.	T 8
F 9	20 50 37	10°46'50	9♑24	23°10	10° 2	9°51	0°30	18°44	16° 5	23°42	4°43	1°28	2°19	9°48	n.a.	F 9
S 10	20 54 33	11°45'12	21°39	24°29	11°15	10°27	0°43	18°45	16° 9	23°41	4°44	1°25	2°16	9°55	n.a.	S 10
S 11	20 58 30	12°43'36	4♒ 4	25°54	12°28	11° 4	0°56	18°46	16°12	23°40	4°44	1°22	2°13	10° 2	n.a.	S 11
M12	21 2 26	13°42'02	16°42	27°24	13°41	11°40	1° 9	18°47	16°16	23°39	4°45	1°21	2°10	10° 9	n.a.	M12
T 13	21 6 23	14°40'30	29°33	28°58	14°54	12°16	1°22	18°49	16°19	23°38	4°45	1°D20	2° 6	10°15	n.a.	T 13
W14	21 10 19	15°38'59	12♓37	0♑36	16° 7	12°52	1°35	18°50	16°22	23°38	4°46	1°21	2° 3	10°22	n.a.	W14
T 15	21 14 16	16°37'31	25°54	2°17	17°20	13°28	1°48	18°52	16°26	23°37	4°47	1°22	2° 0	10°29	n.a.	T 15
F 16	21 18 13	17°36'05	9♈24	4° 1	18°33	14° 4	2° 1	18°53	16°29	23°36	4°47	1°23	1°57	10°35	n.a.	F 16
S 17	21 22 9	18°34'41	23° 6	5°47	19°46	14°40	2°14	18°55	16°32	23°35	4°48	1°24	1°54	10°42	n.a.	S 17
S 18	21 26 6	19°33'20	7♉ 0	7°35	20°59	15°15	2°26	18°57	16°36	23°34	4°48	1°24	1°51	10°49	n.a.	S 18
M19	21 30 2	20°32'01	21° 5	9°24	22°12	15°51	2°39	18°59	16°39	23°34	4°49	1°R25	1°47	10°56	n.a.	M19
T 20	21 33 59	21°30'45	5♊19	11°14	23°25	16°26	2°52	19° 1	16°42	23°33	4°49	1°24	1°44	11° 2	n.a.	T 20
W21	21 37 55	22°29'31	19°39	13° 5	24°37	17° 2	3° 5	19° 3	16°45	23°32	4°50	1°24	1°41	11° 9	n.a.	W21
T 22	21 41 52	23°28'19	4♋ 3	14°56	25°50	17°37	3°17	19° 5	16°48	23°32	4°50	1°23	1°38	11°16	n.a.	T 22
F 23	21 45 48	24°27'10	18°27	16°47	27° 3	18°12	3°30	19° 8	16°52	23°31	4°51	1°22	1°35	11°23	n.a.	F 23
S 24	21 49 45	25°26'03	2♌45	18°38	28°16	18°47	3°43	19°10	16°55	23°31	4°51	1°21	1°31	11°29	n.a.	S 24
S 25	21 53 42	26°24'58	16°52	20°29	29°28	19°21	3°55	19°13	16°58	23°30	4°51	1°21	1°28	11°36	n.a.	S 25
M26	21 57 38	27°23'55	0♍45	22°20	0♎41	19°56	4° 8	19°15	17° 1	23°30	4°52	1°D21	1°25	11°43	n.a.	M26
T 27	22 1 35	28°22'54	14°20	24°10	1°54	20°31	4°20	19°18	17° 4	23°29	4°52	1°21	1°22	11°49	n.a.	T 27
W28	22 5 31	29°21'56	27°36	26° 0	3° 7	21° 5	4°33	19°21	17° 7	23°29	4°52	1°21	1°19	11°56	n.a.	W28
T 29	22 9 28	0♍20'59	10♎32	27°49	4°19	21°39	4°45	19°24	17°10	23°28	4°53	1°21	1°16	12° 3	n.a.	T 29
F 30	22 13 24	1°20'04	23° 8	29°37	5°32	22°14	4°57	19°27	17°13	23°28	4°53	1°R21	1°12	12°10	n.a.	F 30
S 31	22 17 21	2♍19'12	5♏28	1♍25	6♎44	22♊48	5♑10	19♏30	17♋16	23♐27	4♊53	1♍21	1♍ 9	12♐16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n43	1n25	2n42	20n57	1s44	12n38	1n13	21n21	0s 1	21n26	0n47	15s58	1n41	23n18	0n30	22s51	0n45	16n37	4s47	11n 1	10n37	17s 0			n.a.
F 2	19 30	2s45	3 37	21 12	1 26	12 10	1 11	21 29	0 1	21 23	0 47	15 58	1 40	23 17	0 30	22 51	0 45	16 37	4 47	11 1	10 38	17 1			n.a.
S 3	19 16	6 41	4 20	21 26	1 8	11 42	1 9	21 36	0n 0	21 20	0 48	15 59	1 40	23 17	0 30	22 51	0 45	16 37	4 47	11 0	10 40	17 2			n.a.
S 4	19 1	10 16	4 51	21 38	0 51	11 14	1 7	21 44	0 1	21 18	0 48	15 59	1 40	23 16	0 30	22 51	0 44	16 37	4 47	11 0	10 41	17 3			n.a.
M 5	18 46	13 24	5 9	21 48	0 35	10 45	1 5	21 51	0 2	21 15	0 48	16 0	1 40	23 16	0 30	22 51	0 44	16 37	4 47	11 1	10 42	17 4			n.a.
T 6	18 31	15 58	5 14	21 57	0 19	10 16	1 3	21 58	0 3	21 12	0 48	16 0	1 39	23 16	0 30	22 50	0 44	16 37	4 47	11 1	10 43	17 5			n.a.
W 7	18 16	17 52	5 5	22 3	0 3	9 46	1 1	22 4	0 4	21 10	0 48	16 0	1 39	23 15	0 30	22 50	0 44	16 37	4 47	11 3	10 44	17 7			n.a.
T 8	18 0	18 59	4 43	22 6	0n11	9 17	0 59	22 11	0 5	21 7	0 48	16 1	1 39	23 15	0 30	22 50	0 44	16 38	4 47	11 4	10 45	17 8			n.a.
F 9	17 45	19 16	4 8	22 7	0 25	8 47	0 57	22 17	0 6	21 4	0 48	16 1	1 39	23 14	0 30	22 50	0 44	16 38	4 47	11 5	10 46	17 9			n.a.
S 10	17 28	18 39	3 22	22 6	0 37	8 17	0 55	22 24	0 7	21 1	0 48	16 2	1 39	23 14	0 30	22 50	0 44	16 38	4 48	11 6	10 48	17 10			n.a.
S 11	17 12	17 8	2 25	22 1	0 49	7 46	0 53	22 30	0 7	20 59	0 48	16 2	1 38	23 14	0 30	22 50	0 44	16 38	4 48	11 7	10 49	17 11			n.a.
M12	16 55	14 45	1 20	21 54	0 59	7 16	0 50	22 36	0 8	20 56	0 48	16 3	1 38	23 13	0 30	22 50	0 44	16 38	4 48	11 8	10 50	17 12			n.a.
T 13	16 38	11 37	0 10	21 44	1 9	6 45	0 48	22 42	0 9	20 53	0 48	16 4	1 38	23 13	0 30	22 50	0 44	16 38	4 48	11 8	10 51	17 13			n.a.
W14	16 20	7 51	1s 2	21 31	1 17	6 14	0 45	22 47	0 10	20 50	0 49	16 4	1 38	23 12	0 30	22 50	0 44	16 38	4 48	11 8	10 52	17 14			n.a.
T 15	16 3	3 39	2 12	21 16	1 24	5 43	0 43	22 53	0 11	20 47	0 49	16 5	1 37	23 12	0 30	22 50	0 44	16 38	4 48	11 7	10 53	17 15			n.a.
F 16	15 45	0n47	3 15	20 57	1 31	5 12	0 40	22 58	0 12	20 45	0 49	16 6	1 37	23 12	0 30	22 50	0 44	16 38	4 48	11 7	10 55	17 16			n.a.
S 17	15 26	5 14	4 9	20 37	1 36	4 41	0 38	23 3	0 13	20 42	0 49	16 6	1 37	23 11	0 30	22 50	0 44	16 38	4 48	11 7	10 56	17 17			n.a.
S 18	15 8	9 29	4 48	20 13	1 41	4 9	0 35	23 8	0 14	20 39	0 49	16 7	1 37	23 11	0 30	22 50	0 44	16 38	4 48	11 6	10 57	17 18			n.a.
M19	14 49	13 14	5 11	19 48	1 44	3 38	0 32	23 13	0 15	20 36	0 49	16 8	1 37	23 11	0 30	22 50	0 44	16 38	4 48	11 6	10 58	17 19			n.a.
T 20	14 30	16 16	5 16	19 20	1 47	3 6	0 30	23 18	0 16	20 33	0 49	16 9	1 36	23 10	0 30	22 50	0 44	16 38	4 48	11 6	10 59	17 21			n.a.
W21	14 11	18 19	5 1	18 50	1 49	2 34	0 27	23 22	0 17	20 30	0 49	16 9	1 36	23 10	0 30	22 50	0 44	16 38	4 48	11 6	11 0	17 22			n.a.
T 22	13 52	19 13	4 27	18 18	1 50	2 2	0 24	23 27	0 18	20 28	0 49	16 10	1 36	23 9	0 30	22 50	0 44	16 38	4 48	11 7	11 1	17 23			n.a.
F 23	13 32	18 53	3 36	17 45	1 50	1 31	0 21	23 31	0 19	20 25	0 50	16 11	1 36	23 9	0 30	22 50	0 44	16 38	4 48	11 7	11 3	17 24			n.a.
S 24	13 12	17 19	2 32	17 10	1 50	0 59	0 18	23 35	0 20	20 22	0 50	16 12	1 35	23 9	0 30	22 50	0 44	16 38	4 48	11 7	11 4	17 25			n.a.
S 25	12 52	14 43	1 19	16 34	1 49	0 27	0 15	23 39	0 21	20 19	0 50	16 13	1 35	23 8	0 30	22 50	0 44	16 38	4 48	11 8	11 5	17 26			n.a.
M26	12 31	11 17	0 3	15 56	1 48	0s 5	0 12	23 42	0 22	20 16	0 50	16 14	1 35	23 8	0 30	22 50	0 44	16 38	4 48	11 8	11 6	17 27			n.a.
T 27	12 11	7 20	1n11	15 17	1 46	0 37	0 9	23 46	0 23	20 13	0 50	16 15	1 35	23 8	0 30	22 50	0 44	16 38	4 48	11 8	11 7	17 28			n.a.
W28	11 50	3 7	2 21	14 37	1 43	1 9	0 6	23 50	0 24	20 10	0 50	16 16	1 35	23 7	0 30	22 50	0 44	16 38	4 49	11 7	11 8	17 29			n.a.
T 29	11 29	1s 9	3 21	13 57	1 40	1 41	0 3	23 53	0 25	20 7	0 50	16 17	1 34	23 7	0 30	22 50	0 44	16 38	4 49	11 7	11 9	17 30			n.a.
F 30	11 8	5 14	4 9	13 15	1 37	2 13	0s 0	23 56	0 26	20 4	0 50	16 18	1 34	23 6	0 30	22 50	0 44	16 38	4 49	11 7	11 11	17 31			n.a.
S 31	10n46	9s 1	4n45	12n33	1n33	2s45	0s 3	23n59	0n27	20n 2	0n51	16s19	1n34	23n 6	0n30	22s50	0n44	16n38	4s49	11n 7	11n12	17s32			n.a.

Julian Day Number = 1608042.5, Delta T = 03h55m01s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'26, Lahiri = - 8°14'26 Julian Calendar 1 Aug. 311 BCE == Greg. Calendar 27 July 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

SEPTEMBER 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 21 17	3♍18'21	17♏35	3♍11	7♎57	23♊21	5♌22	19♏33	17♋18	23°R27	4♊53	1°R21	1♍ 6	12♐23	n.a.	S 1
M 2	22 25 14	4°17'32	29°33	4°57	9° 9	23°55	5°34	19°36	17°21	23♐27	4°54	1°D21	1° 3	12°30	n.a.	M 2
T 3	22 29 10	5°16'45	11♐27	6°42	10°22	24°29	5°46	19°39	17°24	23°27	4°54	1♍21	1° 0	12°36	n.a.	T 3
W 4	22 33 7	6°16'00	23°20	8°27	11°34	25° 2	5°59	19°43	17°27	23°26	4°54	1°21	0°57	12°43	n.a.	W 4
T 5	22 37 4	7°15'17	5♑19	10°10	12°47	25°36	6°11	19°46	17°30	23°26	4°54	1°22	0°53	12°50	n.a.	T 5
F 6	22 41 0	8°14'35	17°26	11°53	13°59	26° 9	6°23	19°50	17°32	23°26	4°54	1°22	0°50	12°57	n.a.	F 6
S 7	22 44 57	9°13'56	29°46	13°35	15°12	26°42	6°35	19°53	17°35	23°26	4°54	1°23	0°47	13° 3	n.a.	S 7
S 8	22 48 53	10°13'19	12♒21	15°16	16°24	27°15	6°47	19°57	17°37	23°26	4°54	1°24	0°44	13°10	n.a.	S 8
M 9	22 52 50	11°12'43	25°14	16°56	17°36	27°47	6°59	20° 1	17°40	23°26	4°54	1°R24	0°41	13°17	n.a.	M 9
T 10	22 56 46	12°12'10	8♓24	18°36	18°48	28°20	7°10	20° 5	17°43	23°D26	4°R54	1°24	0°37	13°23	n.a.	T 10
W11	23 0 43	13°11'39	21°53	20°15	20° 0	28°52	7°22	20° 9	17°45	23°26	4°54	1°24	0°34	13°30	n.a.	W11
T 12	23 4 39	14°11'09	5♈37	21°53	21°13	29°25	7°34	20°13	17°48	23°26	4°54	1°23	0°31	13°37	n.a.	T 12
F 13	23 8 36	15°10'43	19°34	23°30	22°25	29°57	7°45	20°17	17°50	23°26	4°54	1°21	0°28	13°44	n.a.	F 13
S 14	23 12 33	16°10'18	3♉40	25° 7	23°37	0♋29	7°57	20°21	17°52	23°26	4°54	1°19	0°25	13°50	n.a.	S 14
S 15	23 16 29	17° 9'56	17°52	26°43	24°49	1° 1	8° 9	20°25	17°55	23°26	4°54	1°17	0°22	13°57	n.a.	S 15
M16	23 20 26	18° 9'36	2♊ 7	28°18	26° 1	1°32	8°20	20°30	17°57	23°26	4°54	1°16	0°18	14° 4	n.a.	M16
T 17	23 24 22	19° 9'19	16°21	29°53	27°13	2° 4	8°31	20°34	17°59	23°27	4°54	1°D15	0°15	14°11	n.a.	T 17
W18	23 28 19	20° 9'04	0♋31	1♎27	28°25	2°35	8°43	20°39	18° 1	23°27	4°53	1°15	0°12	14°17	n.a.	W18
T 19	23 32 15	21° 8'52	14°36	3° 1	29°36	3° 6	8°54	20°43	18° 3	23°27	4°53	1°16	0° 9	14°24	n.a.	T 19
F 20	23 36 12	22° 8'42	28°34	4°33	0♏48	3°37	9° 5	20°48	18° 6	23°28	4°53	1°18	0° 6	14°31	n.a.	F 20
S 21	23 40 8	23° 8'34	12♌24	6° 6	2° 0	4° 8	9°16	20°53	18° 8	23°28	4°53	1°19	0° 3	14°37	n.a.	S 21
S 22	23 44 5	24° 8'28	26° 3	7°37	3°12	4°38	9°27	20°57	18°10	23°28	4°53	1°R20	29♌59	14°44	n.a.	S 22
M23	23 48 1	25° 8'25	9♍31	9° 8	4°23	5° 8	9°38	21° 2	18°12	23°29	4°52	1°20	29°56	14°51	n.a.	M23
T 24	23 51 58	26° 8'24	22°46	10°39	5°35	5°39	9°49	21° 7	18°14	23°29	4°52	1°19	29°53	14°58	n.a.	T 24
W25	23 55 55	27° 8'24	5♎47	12° 9	6°47	6° 9	10° 0	21°12	18°15	23°30	4°52	1°16	29°50	15° 4	n.a.	W25
T 26	23 59 51	28° 8'27	18°33	13°38	7°58	6°38	10°10	21°17	18°17	23°30	4°51	1°12	29°47	15°11	n.a.	T 26
F 27	0 3 48	29° 8'31	1♏ 4	15° 7	9°10	7° 8	10°21	21°22	18°19	23°31	4°51	1° 7	29°43	15°18	n.a.	F 27
S 28	0 7 44	0♎ 8'38	13°22	16°35	10°21	7°37	10°32	21°27	18°21	23°31	4°50	1° 2	29°40	15°24	n.a.	S 28
S 29	0 11 41	1° 8'46	25°28	18° 3	11°33	8° 6	10°42	21°33	18°22	23°32	4°50	0°57	29°37	15°31	n.a.	S 29
M30	0 15 37	2♎ 8'56	7♐25	19♎30	12♏44	8♋35	10♌52	21♏38	18♋24	23♐33	4♊50	0♍53	29♌34	15♐38	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n25	12s21	5n 8	11n50	1n29	3s17	0s 6	24n 2	0n28	19n59	0n51	16s20	1n34	23n 6	0n30	22s50	0n44	16n38	4s49	11n 7	11n13	17s33		n.a.
M 2	10 3	15 8	5 17	11 7	1 24	3 49	0 10	24 5	0 29	19 56	0 51	16 21	1 34	23 5	0 30	22 51	0 44	16 38	4 49	11 7	11 14	17 34		n.a.
T 3	9 41	17 16	5 12	10 23	1 20	4 21	0 13	24 7	0 30	19 53	0 51	16 22	1 33	23 5	0 30	22 51	0 43	16 38	4 49	11 7	11 15	17 35		n.a.
W 4	9 19	18 40	4 54	9 39	1 15	4 53	0 16	24 10	0 31	19 50	0 51	16 23	1 33	23 5	0 30	22 51	0 43	16 38	4 49	11 7	11 16	17 36		n.a.
T 5	8 57	19 14	4 23	8 55	1 9	5 24	0 19	24 12	0 33	19 47	0 51	16 24	1 33	23 4	0 30	22 51	0 43	16 38	4 49	11 7	11 17	17 37		n.a.
F 6	8 35	18 56	3 40	8 10	1 4	5 56	0 23	24 14	0 34	19 44	0 51	16 25	1 33	23 4	0 30	22 51	0 43	16 38	4 49	11 7	11 19	17 38		n.a.
S 7	8 12	17 44	2 47	7 25	0 58	6 27	0 26	24 16	0 35	19 41	0 52	16 27	1 33	23 4	0 30	22 51	0 43	16 38	4 49	11 7	11 20	17 39		n.a.
S 8	7 50	15 39	1 44	6 41	0 52	6 59	0 29	24 18	0 36	19 38	0 52	16 28	1 32	23 3	0 31	22 51	0 43	16 38	4 49	11 6	11 21	17 40		n.a.
M 9	7 27	12 44	0 34	5 56	0 46	7 30	0 33	24 20	0 37	19 35	0 52	16 29	1 32	23 3	0 31	22 51	0 43	16 38	4 49	11 6	11 22	17 41		n.a.
T 10	7 4	9 7	0s39	5 10	0 40	8 1	0 36	24 21	0 38	19 32	0 52	16 30	1 32	23 3	0 31	22 51	0 43	16 38	4 49	11 6	11 23	17 42		n.a.
W11	6 41	4 57	1 51	4 25	0 34	8 31	0 40	24 23	0 39	19 30	0 52	16 31	1 32	23 3	0 31	22 51	0 43	16 38	4 49	11 7	11 24	17 43		n.a.
T 12	6 18	0 28	2 58	3 40	0 27	9 2	0 43	24 24	0 40	19 27	0 52	16 33	1 32	23 2	0 31	22 51	0 43	16 38	4 49	11 7	11 25	17 44		n.a.
F 13	5 55	4n 7	3 56	2 56	0 21	9 32	0 46	24 25	0 42	19 24	0 53	16 34	1 31	23 2	0 31	22 51	0 43	16 38	4 49	11 8	11 27	17 45		n.a.
S 14	5 31	8 30	4 40	2 11	0 14	10 3	0 50	24 27	0 43	19 21	0 53	16 35	1 31	23 2	0 31	22 51	0 43	16 38	4 50	11 8	11 28	17 46		n.a.
S 15	5 8	12 27	5 7	1 26	0 7	10 33	0 53	24 28	0 44	19 18	0 53	16 37	1 31	23 1	0 31	22 51	0 43	16 38	4 50	11 9	11 29	17 47		n.a.
M16	4 44	15 41	5 16	0 41	0 1	11 2	0 56	24 28	0 45	19 15	0 53	16 38	1 31	23 1	0 31	22 51	0 43	16 37	4 50	11 9	11 30	17 48		n.a.
T 17	4 21	17 58	5 5	0s 3	0s 6	11 32	1 0	24 29	0 46	19 12	0 53	16 39	1 31	23 1	0 31	22 51	0 43	16 37	4 50	11 10	11 31	17 49		n.a.
W18	3 57	19 8	4 36	0 47	0 13	12 1	1 3	24 30	0 48	19 10	0 53	16 41	1 30	23 1	0 31	22 51	0 43	16 37	4 50	11 9	11 32	17 50		n.a.
T 19	3 33	19 7	3 50	1 31	0 20	12 30	1 6	24 30	0 49	19 7	0 53	16 42	1 30	23 0	0 31	22 51	0 43	16 37	4 50	11 9	11 33	17 51		n.a.
F 20	3 9	17 55	2 51	2 14	0 27	12 59	1 10	24 31	0 50	19 4	0 54	16 43	1 30	23 0	0 31	22 51	0 43	16 37	4 50	11 9	11 34	17 52		n.a.
S 21	2 45	15 39	1 42	2 58	0 33	13 27	1 13	24 31	0 51	19 1	0 54	16 45	1 30	23 0	0 31	22 51	0 43	16 37	4 50	11 8	11 36	17 53		n.a.
S 22	2 21	12 32	0 29	3 41	0 40	13 55	1 16	24 31	0 53	18 58	0 54	16 46	1 30	23 0	0 31	22 51	0 43	16 37	4 50	11 8	11 37	17 54		n.a.
M23	1 57	8 47	0n45	4 23	0 47	14 23	1 20	24 32	0 54	18 55	0 54	16 48	1 30	22 59	0 31	22 51	0 43	16 37	4 50	11 8	11 38	17 55		n.a.
T 24	1 33	4 40	1 55	5 5	0 54	14 51	1 23	24 32	0 55	18 53	0 54	16 49	1 29	22 59	0 31	22 51	0 43	16 37	4 50	11 8	11 39	17 56		n.a.
W25	1 9	0 24	2 58	5 47	1 0	15 18	1 26	24 32	0 56	18 50	0 55	16 51	1 29	22 59	0 31	22 51	0 43	16 37	4 50	11 9	11 40	17 57		n.a.
T 26	0 45	3s48	3 50	6 28	1 7	15 45	1 29	24 31	0 58	18 47	0 55	16 52	1 29	22 59	0 31	22 52	0 43	16 36	4 50	11 11	11 41	17 58		n.a.
F 27	0 21	7 46	4 31	7 9	1 14	16 11	1 33	24 31	0 59	18 44	0 55	16 54	1 29	22 58	0 31	22 52	0 43	16 36	4 50	11 13	11 42	17 59		n.a.
S 28	0s 3	11 19	4 58	7 49	1 20	16 37	1 36	24 31	1 0	18 42	0 55	16 55	1 29	22 58	0 31	22 52	0 43	16 36	4 50	11 14	11 44	18 0		n.a.
S 29	0 28	14 20	5 11	8 29	1 26	17 3	1 39	24 30	1 2	18 39	0 55	16 57	1 29	22 58	0 31	22 52	0 43	16 36	4 50	11 16	11 45	18 1		n.a.
M30	0s52	16s43	5n10	9s 9	1s32	17s28	1s42	24n30	1n 3	18n36	0n55	16s58	1n28	22n58	0n31	22s52	0n43	16n36	4s50	11n17	11n46	18s 2		n.a.

Julian Day Number = 1608073.5, Delta T = 03h55m00s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'22, Lahiri = - 8°14'22 Julian Calendar 1 Sept. 311 BCE == Greg. Calendar 27 Aug. 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

OCTOBER 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 19 34	3♎ 9'08	19♐18	20♎56	13♏55	9♋ 4	11♌ 3	21♏43	18♋26	23♐33	4°R49	0°R51	29♌31	15♐45	n.a.	T 1
W 2	0 23 30	4° 9'21	1♑ 9	22°22	15° 6	9°32	11°13	21°49	18°27	23°34	4♊49	0°D50	29°28	15°51	n.a.	W 2
T 3	0 27 27	5° 9'36	13° 6	23°47	16°17	10° 0	11°23	21°54	18°29	23°35	4°48	0♍50	29°24	15°58	n.a.	T 3
F 4	0 31 24	6° 9'53	25°11	25°11	17°28	10°28	11°33	22° 0	18°30	23°36	4°48	0°51	29°21	16° 5	n.a.	F 4
S 5	0 35 20	7°10'11	7♒31	26°34	18°39	10°56	11°43	22° 5	18°31	23°36	4°47	0°53	29°18	16°11	n.a.	S 5
S 6	0 39 17	8°10'31	20° 9	27°57	19°50	11°23	11°52	22°11	18°33	23°37	4°46	0°55	29°15	16°18	n.a.	S 6
M 7	0 43 13	9°10'52	3♓ 9	29°18	21° 1	11°51	12° 2	22°17	18°34	23°38	4°46	0°R55	29°12	16°25	n.a.	M 7
T 8	0 47 10	10°11'15	16°33	0♏39	22°12	12°18	12°12	22°22	18°35	23°39	4°45	0°54	29° 8	16°32	n.a.	T 8
W 9	0 51 6	11°11'40	0♈20	1°58	23°23	12°44	12°21	22°28	18°36	23°40	4°45	0°51	29° 5	16°38	n.a.	W 9
T 10	0 55 3	12°12'06	14°29	3°17	24°33	13°11	12°30	22°34	18°37	23°41	4°44	0°46	29° 2	16°45	n.a.	T 10
F 11	0 58 59	13°12'34	28°55	4°33	25°44	13°37	12°40	22°40	18°39	23°42	4°43	0°40	28°59	16°52	n.a.	F 11
S 12	1 2 56	14°13'04	13♉32	5°49	26°54	14° 3	12°49	22°46	18°40	23°43	4°42	0°32	28°56	16°58	n.a.	S 12
S 13	1 6 52	15°13'36	28°11	7° 2	28° 5	14°29	12°58	22°52	18°40	23°44	4°42	0°26	28°53	17° 5	n.a.	S 13
M14	1 10 49	16°14'09	12♊47	8°14	29°15	14°54	13° 7	22°58	18°41	23°45	4°41	0°20	28°49	17°12	n.a.	M14
T 15	1 14 46	17°14'45	27°14	9°23	0♐25	15°19	13°15	23° 4	18°42	23°46	4°40	0°16	28°46	17°19	n.a.	T 15
W16	1 18 42	18°15'22	11♋28	10°30	1°35	15°44	13°24	23°10	18°43	23°48	4°39	0°14	28°43	17°25	n.a.	W16
T 17	1 22 39	19°16'02	25°26	11°34	2°45	16° 8	13°33	23°16	18°44	23°49	4°39	0°D14	28°40	17°32	n.a.	T 17
F 18	1 26 35	20°16'43	9♌10	12°35	3°55	16°32	13°41	23°22	18°44	23°50	4°38	0°15	28°37	17°39	n.a.	F 18
S 19	1 30 32	21°17'26	22°39	13°33	5° 5	16°56	13°49	23°29	18°45	23°51	4°37	0°16	28°34	17°45	n.a.	S 19
S 20	1 34 28	22°18'11	5♍54	14°26	6°14	17°20	13°57	23°35	18°46	23°52	4°36	0°R16	28°30	17°52	n.a.	S 20
M21	1 38 25	23°18'57	18°58	15°15	7°24	17°43	14° 5	23°41	18°46	23°54	4°35	0°15	28°27	17°59	n.a.	M21
T 22	1 42 21	24°19'45	1♎50	15°59	8°33	18° 6	14°13	23°48	18°47	23°55	4°34	0°10	28°24	18° 6	n.a.	T 22
W23	1 46 18	25°20'35	14°32	16°37	9°43	18°28	14°21	23°54	18°47	23°57	4°34	0° 3	28°21	18°12	n.a.	W23
T 24	1 50 15	26°21'26	27° 3	17° 8	10°52	18°50	14°29	24° 1	18°47	23°58	4°33	29♌54	28°18	18°19	n.a.	T 24
F 25	1 54 11	27°22'18	9♏23	17°32	12° 1	19°12	14°36	24° 7	18°48	23°59	4°32	29°43	28°14	18°26	n.a.	F 25
S 26	1 58 8	28°23'12	21°34	17°49	13°10	19°34	14°44	24°14	18°48	24° 1	4°31	29°31	28°11	18°32	n.a.	S 26
S 27	2 2 4	29°24'06	3♐36	17°R56	14°19	19°54	14°51	24°20	18°48	24° 2	4°30	29°20	28° 8	18°39	n.a.	S 27
M28	2 6 1	0♏25'02	15°31	17°54	15°28	20°15	14°58	24°27	18°48	24° 4	4°29	29°10	28° 5	18°46	n.a.	M28
T 29	2 9 57	1°25'59	27°21	17°41	16°37	20°35	15° 5	24°33	18°48	24° 5	4°28	29° 2	28° 2	18°53	n.a.	T 29
W30	2 13 54	2°26'57	9♑11	17°18	17°45	20°55	15°12	24°40	18°R48	24° 7	4°27	28°56	27°59	18°59	n.a.	W30
T 31	2 17 50	3♏27'56	21♑ 4	16♏43	18♐53	21♋15	15♌18	24♏47	18♋48	24♐ 8	4♊26	28♌53	27♌55	19♐ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1s16	18s22	4n56	9s47	1s38	17s53	1s45	24n29	1n 5	18n34	0n56	17s 0	1n28	22n58	0n31	22s52	0n42	16n36	4s50	11n18	11n47	18s 3			n.a.
W 2	1 40	19 14	4 30	10 25	1 44	18 17	1 48	24 29	1 6	18 31	0 56	17 1	1 28	22 58	0 31	22 52	0 42	16 36	4 50	11 19	11 48	18 4			n.a.
T 3	2 4	19 14	3 51	11 2	1 50	18 41	1 51	24 28	1 7	18 28	0 56	17 3	1 28	22 57	0 31	22 52	0 42	16 36	4 51	11 19	11 49	18 5			n.a.
F 4	2 29	18 22	3 2	11 39	1 56	19 4	1 54	24 27	1 9	18 26	0 56	17 5	1 28	22 57	0 31	22 52	0 42	16 35	4 51	11 18	11 50	18 5			n.a.
S 5	2 53	16 37	2 4	12 15	2 1	19 27	1 57	24 26	1 10	18 23	0 56	17 6	1 28	22 57	0 31	22 52	0 42	16 35	4 51	11 18	11 51	18 6			n.a.
S 6	3 17	14 1	0 58	12 50	2 6	19 50	1 59	24 26	1 12	18 21	0 57	17 8	1 27	22 57	0 31	22 52	0 42	16 35	4 51	11 17	11 53	18 7			n.a.
M 7	3 41	10 40	0s12	13 24	2 11	20 12	2 2	24 25	1 13	18 18	0 57	17 9	1 27	22 57	0 31	22 52	0 42	16 35	4 51	11 17	11 54	18 8			n.a.
T 8	4 5	6 40	1 24	13 57	2 15	20 33	2 5	24 24	1 15	18 16	0 57	17 11	1 27	22 57	0 32	22 52	0 42	16 35	4 51	11 17	11 55	18 9			n.a.
W 9	4 29	2 12	2 33	14 29	2 20	20 54	2 8	24 22	1 16	18 13	0 57	17 13	1 27	22 57	0 32	22 52	0 42	16 35	4 51	11 18	11 56	18 10			n.a.
T 10	4 53	2n30	3 34	15 0	2 24	21 14	2 10	24 21	1 18	18 11	0 57	17 14	1 27	22 56	0 32	22 53	0 42	16 35	4 51	11 20	11 57	18 11			n.a.
F 11	5 17	7 8	4 23	15 30	2 27	21 34	2 13	24 20	1 19	18 8	0 58	17 16	1 27	22 56	0 32	22 53	0 42	16 34	4 51	11 22	11 58	18 12			n.a.
S 12	5 40	11 24	4 55	15 59	2 31	21 54	2 15	24 19	1 21	18 6	0 58	17 18	1 27	22 56	0 32	22 53	0 42	16 34	4 51	11 25	11 59	18 13			n.a.
S 13	6 4	15 0	5 8	16 26	2 33	22 12	2 18	24 18	1 22	18 3	0 58	17 19	1 26	22 56	0 32	22 53	0 42	16 34	4 51	11 27	12 0	18 14			n.a.
M14	6 28	17 38	5 1	16 52	2 36	22 30	2 20	24 16	1 24	18 1	0 58	17 21	1 26	22 56	0 32	22 53	0 42	16 34	4 51	11 29	12 1	18 15			n.a.
T 15	6 51	19 7	4 35	17 17	2 37	22 48	2 22	24 15	1 25	17 59	0 59	17 23	1 26	22 56	0 32	22 53	0 42	16 34	4 51	11 31	12 3	18 16			n.a.
W16	7 15	19 22	3 52	17 39	2 39	23 5	2 24	24 14	1 27	17 56	0 59	17 24	1 26	22 56	0 32	22 53	0 42	16 34	4 51	11 31	12 4	18 16			n.a.
T 17	7 38	18 25	2 56	18 0	2 39	23 21	2 26	24 12	1 29	17 54	0 59	17 26	1 26	22 56	0 32	22 53	0 42	16 33	4 51	11 31	12 5	18 17			n.a.
F 18	8 1	16 24	1 51	18 20	2 39	23 37	2 28	24 11	1 30	17 52	0 59	17 28	1 26	22 56	0 32	22 53	0 42	16 33	4 51	11 31	12 6	18 18			n.a.
S 19	8 24	13 29	0 41	18 37	2 38	23 52	2 30	24 10	1 32	17 50	0 59	17 29	1 26	22 56	0 32	22 53	0 42	16 33	4 51	11 31	12 7	18 19			n.a.
S 20	8 47	9 55	0n30	18 51	2 37	24 6	2 32	24 8	1 34	17 48	1 0	17 31	1 25	22 56	0 32	22 53	0 42	16 33	4 51	11 31	12 8	18 20			n.a.
M21	9 10	5 56	1 39	19 4	2 34	24 20	2 34	24 7	1 35	17 45	1 0	17 33	1 25	22 56	0 32	22 54	0 42	16 33	4 51	11 31	12 9	18 21			n.a.
T 22	9 33	1 43	2 41	19 13	2 31	24 33	2 35	24 6	1 37	17 43	1 0	17 34	1 25	22 56	0 32	22 54	0 42	16 33	4 51	11 33	12 10	18 22			n.a.
W23	9 55	2s31	3 34	19 20	2 26	24 46	2 37	24 4	1 39	17 41	1 0	17 36	1 25	22 56	0 32	22 54	0 42	16 32	4 51	11 35	12 12	18 23			n.a.
T 24	10 18	6 34	4 16	19 24	2 21	24 58	2 38	24 3	1 41	17 39	1 1	17 38	1 25	22 56	0 32	22 54	0 42	16 32	4 51	11 39	12 13	18 24			n.a.
F 25	10 40	10 18	4 45	19 24	2 14	25 9	2 40	24 1	1 42	17 37	1 1	17 40	1 25	22 56	0 32	22 54	0 42	16 32	4 51	11 43	12 14	18 24			n.a.
S 26	11 2	13 32	5 1	19 21	2 5	25 19	2 41	24 0	1 44	17 35	1 1	17 41	1 25	22 56	0 32	22 54	0 42	16 32	4 51	11 47	12 15	18 25			n.a.
S 27	11 24	16 10	5 3	19 13	1 55	25 29	2 42	23 59	1 46	17 33	1 1	17 43	1 25	22 56	0 32	22 54	0 42	16 32	4 51	11 51	12 16	18 26			n.a.
M28	11 45	18 6	4 52	19 2	1 44	25 38	2 43	23 57	1 48	17 31	1 2	17 45	1 25	22 56	0 32	22 54	0 42	16 31	4 51	11 54	12 17	18 27			n.a.
T 29	12 7	19 15	4 28	18 46	1 31	25 46	2 44	23 56	1 50	17 30	1 2	17 47	1 24	22 56	0 32	22 54	0 42	16 31	4 51	11 57	12 18	18 28			n.a.
W30	12 28	19 32	3 53	18 25	1 16	25 54	2 45	23 55	1 52	17 28	1 2	17 48	1 24	22 56	0 32	22 54	0 42	16 31	4 51	11 59	12 19	18 29			n.a.
T 31	12s49	18s59	3n 7	18s 0	1s 0	26s 1	2s46	23n54	1n53	17n26	1n 2	17s50	1n24	22n56	0n32	22s54	0n42	16n31	4s51	12n 0	12n20	18s30			n.a.

Julian Day Number = 1608103.5, Delta T = 03h54m59s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'18, Lahiri = - 8°14'18 Julian Calendar 1 Oct. 311 BCE == Greg. Calendar 26 Sept. 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

NOVEMBER 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 21 47	4♏28'56	3♒ 5	15°R58	20♐ 1	21♋33	15♌25	24♏53	18°R48	24♐10	4°R25	28°D52	27♌52	19♐13	n.a.	F 1
S 2	2 25 44	5°29'57	15°20	15♏ 2	21° 9	21°52	15°31	25° 0	18♋48	24°12	4♊24	28♌53	27°49	19°19	n.a.	S 2
S 3	2 29 40	6°30'58	27°54	13°57	22°17	22°10	15°38	25° 7	18°48	24°13	4°23	28°R53	27°46	19°26	n.a.	S 3
M 4	2 33 37	7°32'00	10♓52	12°43	23°25	22°28	15°44	25°14	18°47	24°15	4°22	28°52	27°43	19°33	n.a.	M 4
T 5	2 37 33	8°33'02	24°17	11°24	24°32	22°45	15°49	25°20	18°47	24°17	4°21	28°50	27°39	19°40	n.a.	T 5
W 6	2 41 30	9°34'06	8♈11	10° 2	25°40	23° 2	15°55	25°27	18°47	24°18	4°20	28°44	27°36	19°46	n.a.	W 6
T 7	2 45 26	10°35'10	22°33	8°39	26°47	23°18	16° 1	25°34	18°46	24°20	4°18	28°37	27°33	19°53	n.a.	T 7
F 8	2 49 23	11°36'15	7♉18	7°19	27°54	23°34	16° 6	25°41	18°46	24°22	4°17	28°26	27°30	20° 0	n.a.	F 8
S 9	2 53 19	12°37'21	22°19	6° 3	29° 0	23°49	16°11	25°48	18°45	24°24	4°16	28°15	27°27	20° 6	n.a.	S 9
S 10	2 57 16	13°38'28	7♊26	4°55	0♉ 7	24° 4	16°17	25°55	18°44	24°26	4°15	28° 4	27°24	20°13	n.a.	S 10
M11	3 1 13	14°39'35	22°28	3°56	1°13	24°18	16°22	26° 2	18°44	24°27	4°14	27°54	27°20	20°20	n.a.	M11
T 12	3 5 9	15°40'44	7♋17	3° 7	2°19	24°32	16°26	26° 9	18°43	24°29	4°13	27°47	27°17	20°27	n.a.	T 12
W13	3 9 6	16°41'54	21°46	2°29	3°25	24°45	16°31	26°16	18°42	24°31	4°12	27°43	27°14	20°33	n.a.	W13
T 14	3 13 2	17°43'04	5♌52	2° 2	4°30	24°58	16°35	26°23	18°41	24°33	4°10	27°41	27°11	20°40	n.a.	T 14
F 15	3 16 59	18°44'15	19°35	1°46	5°36	25°10	16°40	26°30	18°41	24°35	4° 9	27°40	27° 8	20°47	n.a.	F 15
S 16	3 20 55	19°45'28	2♍56	1°D41	6°41	25°22	16°44	26°37	18°40	24°37	4° 8	27°40	27° 5	20°53	n.a.	S 16
S 17	3 24 52	20°46'41	15°59	1°46	7°45	25°32	16°48	26°43	18°39	24°39	4° 7	27°39	27° 1	21° 0	n.a.	S 17
M18	3 28 48	21°47'54	28°47	2° 0	8°50	25°43	16°51	26°50	18°38	24°41	4° 6	27°36	26°58	21° 7	n.a.	M18
T 19	3 32 45	22°49'09	11♎22	2°22	9°54	25°53	16°55	26°57	18°37	24°43	4° 5	27°30	26°55	21°14	n.a.	T 19
W20	3 36 42	23°50'24	23°46	2°52	10°58	26° 2	16°58	27° 4	18°35	24°45	4° 3	27°21	26°52	21°20	n.a.	W20
T 21	3 40 38	24°51'39	6♏ 2	3°29	12° 2	26°10	17° 2	27°12	18°34	24°47	4° 2	27° 9	26°49	21°27	n.a.	T 21
F 22	3 44 35	25°52'55	18°10	4°12	13° 5	26°18	17° 5	27°19	18°33	24°49	4° 1	26°54	26°45	21°34	n.a.	F 22
S 23	3 48 31	26°54'12	0♐12	5° 1	14° 8	26°25	17° 7	27°26	18°32	24°51	4° 0	26°39	26°42	21°40	n.a.	S 23
S 24	3 52 28	27°55'29	12° 9	5°54	15°11	26°32	17°10	27°33	18°30	24°53	3°59	26°24	26°39	21°47	n.a.	S 24
M25	3 56 24	28°56'45	24° 1	6°51	16°13	26°37	17°13	27°40	18°29	24°55	3°57	26°10	26°36	21°54	n.a.	M25
T 26	4 0 21	29°58'02	5♑50	7°52	17°15	26°42	17°15	27°47	18°28	24°57	3°56	25°59	26°33	22° 1	n.a.	T 26
W27	4 4 18	0♐59'19	17°40	8°56	18°17	26°47	17°17	27°54	18°26	24°59	3°55	25°51	26°30	22° 7	n.a.	W27
T 28	4 8 14	2° 0'36	29°32	10° 4	19°18	26°51	17°19	28° 1	18°25	25° 1	3°54	25°46	26°26	22°14	n.a.	T 28
F 29	4 12 11	3° 1'53	11♒32	11°13	20°19	26°53	17°21	28° 8	18°23	25° 4	3°52	25°43	26°23	22°21	n.a.	F 29
S 30	4 16 7	4♐ 3'09	23♒43	12♏26	21♑19	26♋56	17♌22	28♏15	18♋21	25♐ 6	3♊51	25°D43	26♌20	22♐27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13s10	17s33	2n13	17s30	0s43	26s 7	2s47	23n53	1n55	17n24	1n 3	17s52	1n24	22n56	0n32	22s55	0n41	16n31	4s51	12n 0	12n22	18s30		n.a.
S 2	13 31	15 18	1 11	16 55	0 24	26 13	2 47	23 52	1 57	17 23	1 3	17 53	1 24	22 56	0 32	22 55	0 41	16 30	4 51	12 0	12 23	18 31		n.a.
S 3	13 51	12 16	0 5	16 17	0 4	26 17	2 47	23 51	1 59	17 21	1 3	17 55	1 24	22 56	0 32	22 55	0 41	16 30	4 51	12 0	12 24	18 32		n.a.
M 4	14 12	8 33	1s 3	15 35	0n17	26 21	2 48	23 50	2 1	17 19	1 3	17 57	1 24	22 56	0 33	22 55	0 41	16 30	4 51	12 0	12 25	18 33		n.a.
T 5	14 32	4 17	2 11	14 51	0 37	26 25	2 48	23 49	2 3	17 18	1 4	17 59	1 24	22 56	0 33	22 55	0 41	16 30	4 51	12 1	12 26	18 34		n.a.
W 6	14 51	0n21	3 12	14 6	0 57	26 27	2 48	23 48	2 5	17 16	1 4	18 0	1 24	22 56	0 33	22 55	0 41	16 30	4 51	12 3	12 27	18 35		n.a.
T 7	15 11	5 6	4 4	13 21	1 17	26 29	2 48	23 47	2 7	17 15	1 4	18 2	1 24	22 56	0 33	22 55	0 41	16 30	4 51	12 6	12 28	18 36		n.a.
F 8	15 30	9 41	4 41	12 37	1 35	26 30	2 47	23 46	2 9	17 14	1 5	18 4	1 23	22 56	0 33	22 55	0 41	16 29	4 51	12 10	12 29	18 36		n.a.
S 9	15 49	13 45	4 59	11 57	1 51	26 31	2 47	23 46	2 12	17 12	1 5	18 6	1 23	22 56	0 33	22 55	0 41	16 29	4 51	12 14	12 30	18 37		n.a.
S 10	16 8	16 56	4 57	11 21	2 6	26 30	2 47	23 45	2 14	17 11	1 5	18 7	1 23	22 57	0 33	22 56	0 41	16 29	4 51	12 17	12 31	18 38		n.a.
M11	16 26	18 57	4 34	10 49	2 18	26 29	2 46	23 45	2 16	17 10	1 5	18 9	1 23	22 57	0 33	22 56	0 41	16 29	4 51	12 21	12 33	18 39		n.a.
T 12	16 44	19 39	3 53	10 23	2 28	26 28	2 45	23 44	2 18	17 9	1 6	18 11	1 23	22 57	0 33	22 56	0 41	16 29	4 51	12 23	12 34	18 40		n.a.
W13	17 2	19 1	2 58	10 2	2 36	26 25	2 44	23 44	2 20	17 7	1 6	18 12	1 23	22 57	0 33	22 56	0 41	16 28	4 51	12 25	12 35	18 40		n.a.
T 14	17 19	17 13	1 53	9 47	2 42	26 22	2 43	23 44	2 22	17 6	1 6	18 14	1 23	22 57	0 33	22 56	0 41	16 28	4 51	12 26	12 36	18 41		n.a.
F 15	17 37	14 27	0 43	9 38	2 46	26 18	2 42	23 44	2 25	17 5	1 6	18 16	1 23	22 57	0 33	22 56	0 41	16 28	4 51	12 26	12 37	18 42		n.a.
S 16	17 53	10 59	0n28	9 34	2 48	26 14	2 41	23 44	2 27	17 4	1 7	18 18	1 23	22 57	0 33	22 56	0 41	16 28	4 51	12 26	12 38	18 43		n.a.
S 17	18 10	7 3	1 35	9 35	2 49	26 9	2 39	23 44	2 29	17 3	1 7	18 19	1 23	22 58	0 33	22 56	0 41	16 28	4 51	12 26	12 39	18 44		n.a.
M18	18 26	2 53	2 36	9 41	2 48	26 3	2 37	23 44	2 31	17 2	1 7	18 21	1 23	22 58	0 33	22 56	0 41	16 27	4 51	12 27	12 40	18 45		n.a.
T 19	18 42	1s21	3 29	9 51	2 46	25 56	2 35	23 45	2 34	17 2	1 8	18 23	1 23	22 58	0 33	22 56	0 41	16 27	4 51	12 29	12 41	18 45		n.a.
W20	18 58	5 28	4 10	10 4	2 43	25 49	2 33	23 45	2 36	17 1	1 8	18 24	1 23	22 58	0 33	22 57	0 41	16 27	4 51	12 32	12 42	18 46		n.a.
T 21	19 13	9 18	4 40	10 20	2 39	25 41	2 31	23 46	2 39	17 0	1 8	18 26	1 22	22 58	0 33	22 57	0 41	16 27	4 51	12 37	12 44	18 47		n.a.
F 22	19 28	12 43	4 56	10 39	2 35	25 33	2 29	23 47	2 41	17 0	1 8	18 28	1 22	22 59	0 33	22 57	0 41	16 27	4 51	12 42	12 45	18 48		n.a.
S 23	19 42	15 35	4 59	11 0	2 30	25 24	2 26	23 48	2 43	16 59	1 9	18 29	1 22	22 59	0 33	22 57	0 41	16 26	4 51	12 47	12 46	18 48		n.a.
S 24	19 56	17 46	4 48	11 23	2 24	25 14	2 24	23 49	2 46	16 58	1 9	18 31	1 22	22 59	0 33	22 57	0 41	16 26	4 51	12 52	12 47	18 49		n.a.
M25	20 10	19 11	4 25	11 48	2 17	25 4	2 21	23 50	2 48	16 58	1 9	18 33	1 22	22 59	0 33	22 57	0 41	16 26	4 51	12 57	12 48	18 50		n.a.
T 26	20 23	19 45	3 51	12 15	2 11	24 53	2 18	23 52	2 51	16 57	1 10	18 34	1 22	22 59	0 33	22 57	0 41	16 26	4 51	13 1	12 49	18 51		n.a.
W27	20 36	19 28	3 7	12 42	2 4	24 42	2 15	23 53	2 53	16 57	1 10	18 36	1 22	23 0	0 33	22 57	0 41	16 26	4 51	13 3	12 50	18 52		n.a.
T 28	20 49	18 19	2 14	13 10	1 56	24 30	2 12	23 55	2 56	16 57	1 10	18 38	1 22	23 0	0 33	22 57	0 41	16 26	4 51	13 5	12 51	18 52		n.a.
F 29	21 1	16 21	1 14	13 39	1 49	24 17	2 8	23 57	2 58	16 57	1 10	18 39	1 22	23 0	0 33	22 57	0 41	16 25	4 51	13 6	12 52	18 53		n.a.
S 30	21s13	13s37	0n11	14s 9	1n41	24s 4	2s 4	23n59	3n 1	16n56	1n11	18s41	1n22	23n 0	0n33	22s58	0n41	16n25	4s51	13n 6	12n53	18s54		n.a.

Julian Day Number = 1608134.5, Delta T = 03h54m57s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'14, Lahiri = - 8°14'13 Julian Calendar 1 Nov. 311 BCE == Greg. Calendar 27 Oct. 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 311 BCE
geocentric

DECEMBER 311 BCE (-310) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 20 4	5♐ 4'25	6♓11	13♏40	22♉19	26♋57	17♌23	28♏22	18°R20	25♐ 8	3°R50	25°R43	26♌17	22♐34	n.a.	S 1
M 2	4 24 0	6° 5'40	19° 2	14°55	23°18	26°58	17°25	28°29	18♋18	25°10	3♊49	25♌42	26°14	22°41	n.a.	M 2
T 3	4 27 57	7° 6'56	2♈20	16°13	24°17	26°R58	17°25	28°36	18°16	25°12	3°48	25°40	26°11	22°48	n.a.	T 3
W 4	4 31 53	8° 8'10	16° 7	17°32	25°16	26°57	17°26	28°43	18°15	25°14	3°46	25°35	26° 7	22°54	n.a.	W 4
T 5	4 35 50	9° 9'25	0♉25	18°52	26°13	26°56	17°27	28°49	18°13	25°17	3°45	25°28	26° 4	23° 1	n.a.	T 5
F 6	4 39 47	10°10'39	15°11	20°13	27°11	26°53	17°27	28°56	18°11	25°19	3°44	25°18	26° 1	23° 8	n.a.	F 6
S 7	4 43 43	11°11'52	0♊19	21°36	28° 8	26°50	17°R27	29° 3	18° 9	25°21	3°43	25° 7	25°58	23°14	n.a.	S 7
S 8	4 47 40	12°13'06	15°39	22°59	29° 4	26°46	17°27	29°10	18° 7	25°23	3°41	24°56	25°55	23°21	n.a.	S 8
M 9	4 51 36	13°14'19	0♋58	24°23	29°59	26°42	17°27	29°17	18° 5	25°25	3°40	24°46	25°51	23°28	n.a.	M 9
T 10	4 55 33	14°15'31	16° 7	25°48	0♒55	26°36	17°27	29°24	18° 3	25°28	3°39	24°39	25°48	23°35	n.a.	T 10
W11	4 59 29	15°16'44	0♌55	27°14	1°49	26°30	17°26	29°31	18° 1	25°30	3°38	24°34	25°45	23°41	n.a.	W11
T 12	5 3 26	16°17'56	15°17	28°41	2°43	26°23	17°25	29°38	17°59	25°32	3°37	24°32	25°42	23°48	n.a.	T 12
F 13	5 7 22	17°19'08	29°11	0♐ 8	3°36	26°15	17°24	29°45	17°57	25°34	3°35	24°D32	25°39	23°55	n.a.	F 13
S 14	5 11 19	18°20'20	12♍39	1°36	4°28	26° 6	17°23	29°51	17°55	25°37	3°34	24°R32	25°36	24° 1	n.a.	S 14
S 15	5 15 16	19°21'31	25°42	3° 4	5°19	25°57	17°22	29°58	17°53	25°39	3°33	24°32	25°32	24° 8	n.a.	S 15
M16	5 19 12	20°22'42	8♎26	4°34	6°10	25°47	17°20	0♐ 5	17°50	25°41	3°32	24°31	25°29	24°15	n.a.	M16
T 17	5 23 9	21°23'52	20°52	6° 3	7° 0	25°35	17°19	0°12	17°48	25°44	3°31	24°26	25°26	24°21	n.a.	T 17
W18	5 27 5	22°25'03	3♏ 7	7°34	7°49	25°23	17°17	0°18	17°46	25°46	3°30	24°20	25°23	24°28	n.a.	W18
T 19	5 31 2	23°26'12	15°12	9° 5	8°37	25°11	17°15	0°25	17°44	25°48	3°28	24°10	25°20	24°35	n.a.	T 19
F 20	5 34 58	24°27'21	27°11	10°36	9°25	24°57	17°12	0°32	17°41	25°50	3°27	23°59	25°17	24°42	n.a.	F 20
S 21	5 38 55	25°28'30	9♐ 6	12° 8	10°11	24°43	17°10	0°38	17°39	25°53	3°26	23°47	25°13	24°48	n.a.	S 21
S 22	5 42 52	26°29'37	20°58	13°41	10°57	24°28	17° 7	0°45	17°37	25°55	3°25	23°35	25°10	24°55	n.a.	S 22
M23	5 46 48	27°30'44	2♑49	15°14	11°41	24°12	17° 4	0°51	17°34	25°57	3°24	23°24	25° 7	25° 2	n.a.	M23
T 24	5 50 45	28°31'50	14°40	16°48	12°24	23°56	17° 1	0°58	17°32	25°59	3°23	23°15	25° 4	25° 8	n.a.	T 24
W25	5 54 41	29°32'55	26°32	18°23	13° 7	23°39	16°58	1° 4	17°29	26° 2	3°22	23° 9	25° 1	25°15	n.a.	W25
T 26	5 58 38	0♑33'58	8♒30	19°58	13°48	23°21	16°54	1°11	17°27	26° 4	3°21	23° 5	24°57	25°22	n.a.	T 26
F 27	6 2 34	1°35'01	20°34	21°33	14°27	23° 2	16°51	1°17	17°24	26° 6	3°20	23°D 4	24°54	25°29	n.a.	F 27
S 28	6 6 31	2°36'02	2♓48	23°10	15° 6	22°43	16°47	1°23	17°22	26° 9	3°19	23° 5	24°51	25°35	n.a.	S 28
S 29	6 10 27	3°37'02	15°17	24°47	15°43	22°24	16°43	1°30	17°19	26°11	3°18	23° 6	24°48	25°42	n.a.	S 29
M30	6 14 24	4°38'00	28° 5	26°24	16°19	22° 4	16°39	1°36	17°17	26°13	3°17	23° 7	24°45	25°49	n.a.	M30
T 31	6 18 21	5♑38'57	11♈15	28♐ 3	16♒54	21♋43	16♌35	1♐42	17♋14	26♐15	3♊16	23°R 7	24♌42	25♐55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21s24	10s12	0s55	14s39	1n34	23s50	2s 0	24n 1	3n 3	16n56	1n11	18s42	1n22	23n 1	0n33	22s58	0n41	16n25	4s51	13n 6	12n55	18s55			n.a.
M 2	21 35	6 14	2 0	15 9	1 26	23 36	1 56	24 3	3 6	16 56	1 11	18 44	1 22	23 1	0 33	22 58	0 41	16 25	4 50	13 6	12 56	18 55			n.a.
T 3	21 46	1 49	3 1	15 39	1 18	23 22	1 52	24 6	3 8	16 56	1 12	18 46	1 22	23 1	0 34	22 58	0 41	16 25	4 50	13 7	12 57	18 56			n.a.
W 4	21 56	2n50	3 53	16 9	1 10	23 6	1 48	24 8	3 11	16 56	1 12	18 47	1 22	23 1	0 34	22 58	0 41	16 25	4 50	13 9	12 58	18 57			n.a.
T 5	22 6	7 30	4 33	16 39	1 2	22 51	1 43	24 11	3 13	16 56	1 12	18 49	1 22	23 2	0 34	22 58	0 41	16 24	4 50	13 11	12 59	18 58			n.a.
F 6	22 15	11 52	4 57	17 9	0 54	22 35	1 38	24 14	3 16	16 56	1 13	18 50	1 22	23 2	0 34	22 58	0 41	16 24	4 50	13 15	13 0	18 58			n.a.
S 7	22 24	15 34	5 0	17 38	0 46	22 18	1 33	24 17	3 19	16 57	1 13	18 52	1 22	23 2	0 34	22 58	0 41	16 24	4 50	13 18	13 1	18 59			n.a.
S 8	22 32	18 16	4 42	18 7	0 38	22 2	1 28	24 21	3 21	16 57	1 13	18 53	1 22	23 3	0 34	22 58	0 41	16 24	4 50	13 22	13 2	19 0			n.a.
M 9	22 40	19 40	4 4	18 36	0 31	21 44	1 23	24 24	3 24	16 57	1 13	18 55	1 22	23 3	0 34	22 58	0 41	16 24	4 50	13 25	13 3	19 1			n.a.
T 10	22 47	19 37	3 9	19 4	0 23	21 27	1 17	24 28	3 26	16 58	1 14	18 56	1 22	23 3	0 34	22 59	0 41	16 24	4 50	13 28	13 4	19 1			n.a.
W11	22 54	18 13	2 2	19 32	0 15	21 9	1 11	24 32	3 29	16 58	1 14	18 58	1 22	23 3	0 34	22 59	0 41	16 23	4 50	13 29	13 5	19 2			n.a.
T 12	23 1	15 40	0 49	19 59	0 8	20 51	1 5	24 35	3 32	16 59	1 14	18 59	1 22	23 4	0 34	22 59	0 41	16 23	4 50	13 30	13 6	19 3			n.a.
F 13	23 7	12 17	0n25	20 25	0 0	20 32	0 59	24 39	3 34	16 59	1 15	19 1	1 21	23 4	0 34	22 59	0 41	16 23	4 50	13 30	13 8	19 4			n.a.
S 14	23 13	8 21	1 35	20 51	0s 7	20 13	0 52	24 44	3 37	17 0	1 15	19 2	1 21	23 4	0 34	22 59	0 41	16 23	4 50	13 30	13 9	19 4			n.a.
S 15	23 18	4 8	2 38	21 15	0 14	19 54	0 45	24 48	3 39	17 1	1 15	19 4	1 21	23 5	0 34	22 59	0 41	16 23	4 50	13 30	13 10	19 5			n.a.
M16	23 23	0s 9	3 31	21 39	0 21	19 35	0 39	24 52	3 42	17 1	1 16	19 5	1 21	23 5	0 34	22 59	0 41	16 23	4 49	13 31	13 11	19 6			n.a.
T 17	23 27	4 20	4 14	22 2	0 28	19 15	0 31	24 57	3 44	17 2	1 16	19 7	1 21	23 5	0 34	22 59	0 40	16 23	4 49	13 32	13 12	19 6			n.a.
W18	23 31	8 16	4 43	22 24	0 35	18 55	0 24	25 2	3 47	17 3	1 16	19 8	1 21	23 6	0 34	22 59	0 40	16 23	4 49	13 34	13 13	19 7			n.a.
T 19	23 34	11 49	5 0	22 45	0 41	18 35	0 16	25 6	3 49	17 4	1 16	19 10	1 21	23 6	0 34	22 59	0 40	16 22	4 49	13 38	13 14	19 8			n.a.
F 20	23 37	14 51	5 3	23 5	0 47	18 15	0 9	25 11	3 51	17 5	1 17	19 11	1 21	23 6	0 34	22 59	0 40	16 22	4 49	13 41	13 15	19 8			n.a.
S 21	23 39	17 15	4 53	23 24	0 54	17 55	0 1	25 16	3 54	17 6	1 17	19 12	1 21	23 7	0 34	22 59	0 40	16 22	4 49	13 45	13 16	19 9			n.a.
S 22	23 41	18 56	4 30	23 42	1 0	17 34	0n 8	25 21	3 56	17 7	1 17	19 14	1 21	23 7	0 34	23 0	0 40	16 22	4 49	13 49	13 17	19 10			n.a.
M23	23 42	19 46	3 56	23 59	1 5	17 14	0 16	25 26	3 58	17 8	1 18	19 15	1 21	23 7	0 34	23 0	0 40	16 22	4 49	13 53	13 18	19 11			n.a.
T 24	23 43	19 45	3 11	24 15	1 11	16 53	0 25	25 32	4 0	17 10	1 18	19 16	1 21	23 8	0 34	23 0	0 40	16 22	4 49	13 56	13 19	19 11			n.a.
W25	23 44	18 51	2 18	24 29	1 16	16 33	0 34	25 37	4 3	17 11	1 18	19 18	1 21	23 8	0 34	23 0	0 40	16 22	4 49	13 58	13 21	19 12			n.a.
T 26	23 44	17 7	1 18	24 42	1 21	16 12	0 43	25 42	4 5	17 12	1 18	19 19	1 21	23 8	0 34	23 0	0 40	16 22	4 48	13 59	13 22	19 13			n.a.
F 27	23 43	14 36	0 14	24 53	1 26	15 51	0 53	25 47	4 7	17 14	1 19	19 20	1 21	23 9	0 34	23 0	0 40	16 22	4 48	14 0	13 23	19 13			n.a.
S 28	23 42	11 25	0s52	25 4	1 31	15 31	1 2	25 52	4 9	17 15	1 19	19 22	1 21	23 9	0 34	23 0	0 40	16 21	4 48	13 59	13 24	19 14			n.a.
S 29	23 41	7 40	1 57	25 12	1 35	15 10	1 12	25 58	4 11	17 16	1 19	19 23	1 21	23 9	0 34	23 0	0 40	16 21	4 48	13 59	13 25	19 15			n.a.
M30	23 39	3 29	2 58	25 20	1 39	14 50	1 22	26 3	4 12	17 18	1 20	19 24	1 21	23 10	0 34	23 0	0 40	16 21	4 48	13 59	13 26	19 15			n.a.
T 31	23s37	0n58	3s51	25s26	1s43	14s29	1n33	26n 8	4n14	17n20	1n20	19s26	1n21	23n10	0n34	23s 0	0n40	16n21	4s48	13n59	13n27	19s16			n.a.

Julian Day Number = 1608164.5, Delta T = 03h54m56s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'10, Lahiri = - 8°14'09 Julian Calendar 1 Dec. 311 BCE == Greg. Calendar 26 Nov. 311 BCE

The year -310 astronomical counting style corresponds to year 311 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

JANUARY 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 22 17	6♉39'53	24♈52	29♐42	17♒27	21°R22	16°R30	1♐48	17°R12	26♐18	3°R15	23°R 5	24♌38	26♐ 2	n.a.	W 1
T 2	6 26 14	7°40'47	8♉57	1♉21	17°58	21♋ 0	16♌25	1°55	17♋ 9	26°20	3♊14	23♌ 2	24°35	26° 9	n.a.	T 2
F 3	6 30 10	8°41'39	23°29	3° 2	18°28	20°38	16°21	2° 1	17° 7	26°22	3°13	22°56	24°32	26°15	n.a.	F 3
S 4	6 34 7	9°42'30	8♊24	4°43	18°56	20°15	16°16	2° 7	17° 4	26°24	3°12	22°50	24°29	26°22	n.a.	S 4
S 5	6 38 3	10°43'19	23°35	6°25	19°23	19°53	16°11	2°13	17° 1	26°27	3°11	22°43	24°26	26°29	n.a.	S 5
M 6	6 42 0	11°44'07	8♋53	8° 8	19°47	19°30	16° 5	2°19	16°59	26°29	3°10	22°37	24°23	26°36	n.a.	M 6
T 7	6 45 56	12°44'54	24° 5	9°51	20°10	19° 6	16° 0	2°25	16°56	26°31	3° 9	22°32	24°19	26°42	n.a.	T 7
W 8	6 49 53	13°45'39	9♌ 2	11°35	20°31	18°43	15°54	2°31	16°54	26°33	3° 8	22°30	24°16	26°49	n.a.	W 8
T 9	6 53 50	14°46'23	23°37	13°20	20°50	18°19	15°49	2°36	16°51	26°35	3° 7	22°D29	24°13	26°56	n.a.	T 9
F 10	6 57 46	15°47'06	7♍45	15° 6	21° 7	17°55	15°43	2°42	16°48	26°38	3° 6	22°30	24°10	27° 2	n.a.	F 10
S 11	7 1 43	16°47'47	21°24	16°53	21°22	17°31	15°37	2°48	16°46	26°40	3° 5	22°31	24° 7	27° 9	n.a.	S 11
S 12	7 5 39	17°48'27	4♎37	18°40	21°34	17° 7	15°31	2°54	16°43	26°42	3° 5	22°33	24° 3	27°16	n.a.	S 12
M13	7 9 36	18°49'06	17°25	20°28	21°45	16°43	15°25	2°59	16°40	26°44	3° 4	22°R34	24° 0	27°22	n.a.	M13
T 14	7 13 32	19°49'43	29°54	22°17	21°53	16°19	15°18	3° 5	16°38	26°46	3° 3	22°33	23°57	27°29	n.a.	T 14
W15	7 17 29	20°50'19	12♏ 7	24° 7	21°59	15°56	15°12	3°10	16°35	26°48	3° 2	22°31	23°54	27°36	n.a.	W15
T 16	7 21 25	21°50'54	24° 9	25°57	22° 2	15°32	15° 5	3°16	16°33	26°50	3° 1	22°28	23°51	27°43	n.a.	T 16
F 17	7 25 22	22°51'27	6♐ 3	27°48	22°R 3	15° 9	14°58	3°21	16°30	26°52	3° 1	22°23	23°48	27°49	n.a.	F 17
S 18	7 29 19	23°51'59	17°54	29°39	22° 2	14°45	14°52	3°26	16°27	26°55	3° 0	22°18	23°44	27°56	n.a.	S 18
S 19	7 33 15	24°52'30	29°44	1♒31	21°58	14°22	14°45	3°31	16°25	26°57	2°59	22°13	23°41	28° 3	n.a.	S 19
M20	7 37 12	25°52'58	11♉35	3°23	21°52	14° 0	14°38	3°37	16°22	26°59	2°59	22° 8	23°38	28° 9	n.a.	M20
T 21	7 41 8	26°53'25	23°30	5°15	21°43	13°38	14°31	3°42	16°20	27° 1	2°58	22° 4	23°35	28°16	n.a.	T 21
W22	7 45 5	27°53'51	5♒31	7° 7	21°31	13°16	14°23	3°47	16°17	27° 3	2°57	22° 2	23°32	28°23	n.a.	W22
T 23	7 49 1	28°54'14	17°38	8°59	21°17	12°54	14°16	3°52	16°15	27° 5	2°57	22°D 1	23°28	28°29	n.a.	T 23
F 24	7 52 58	29°54'35	29°54	10°50	21° 1	12°34	14° 9	3°57	16°12	27° 7	2°56	22° 1	23°25	28°36	n.a.	F 24
S 25	7 56 54	0♒54'55	12♓21	12°41	20°42	12°13	14° 1	4° 2	16°10	27° 9	2°55	22° 2	23°22	28°43	n.a.	S 25
S 26	8 0 51	1°55'12	25° 0	14°30	20°21	11°53	13°54	4° 6	16° 7	27°11	2°55	22° 3	23°19	28°50	n.a.	S 26
M27	8 4 48	2°55'27	7♈55	16°18	19°57	11°34	13°46	4°11	16° 5	27°13	2°54	22° 5	23°16	28°56	n.a.	M27
T 28	8 8 44	3°55'40	21° 8	18° 4	19°31	11°16	13°39	4°16	16° 2	27°15	2°54	22° 6	23°13	29° 3	n.a.	T 28
W29	8 12 41	4°55'51	4♉41	19°48	19° 3	10°58	13°31	4°20	16° 0	27°16	2°53	22°R 6	23° 9	29°10	n.a.	W29
T 30	8 16 37	5°56'00	18°35	21°28	18°34	10°40	13°23	4°25	15°57	27°18	2°53	22° 6	23° 6	29°16	n.a.	T 30
F 31	8 20 34	6♒56'06	2♊50	23♒ 6	18♒ 2	10♋24	13♌16	4♐29	15♋55	27♐20	2♊52	22♌ 5	23♌ 3	29♐23	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s34	5n31	4s33	25s30	1s46	14s 9	1n43	26n13	4n16	17n21	1n20	19s27	1n21	23n10	0n34	23s 0	0n40	16n21	4s48	13n59	13n28	19s17			n.a.
T 2	23 30	9 55	5 0	25 33	1 49	13 49	1 54	26 18	4 17	17 23	1 20	19 28	1 21	23 11	0 34	23 0	0 40	16 21	4 48	14 0	13 29	19 17			n.a.
F 3	23 27	13 53	5 9	25 34	1 52	13 29	2 5	26 23	4 19	17 25	1 21	19 29	1 21	23 11	0 34	23 0	0 40	16 21	4 48	14 2	13 30	19 18			n.a.
S 4	23 22	17 4	4 58	25 33	1 55	13 10	2 17	26 28	4 20	17 26	1 21	19 30	1 21	23 11	0 34	23 1	0 40	16 21	4 47	14 4	13 31	19 19			n.a.
S 5	23 18	19 9	4 26	25 31	1 57	12 51	2 28	26 33	4 21	17 28	1 21	19 32	1 21	23 12	0 34	23 1	0 40	16 21	4 47	14 7	13 32	19 19			n.a.
M 6	23 12	19 52	3 34	25 27	1 59	12 32	2 40	26 37	4 23	17 30	1 21	19 33	1 21	23 12	0 34	23 1	0 40	16 21	4 47	14 9	13 33	19 20			n.a.
T 7	23 7	19 7	2 28	25 21	2 0	12 13	2 52	26 42	4 24	17 32	1 22	19 34	1 21	23 13	0 34	23 1	0 40	16 21	4 47	14 10	13 34	19 20			n.a.
W 8	23 1	17 3	1 13	25 13	2 1	11 55	3 4	26 46	4 25	17 34	1 22	19 35	1 22	23 13	0 34	23 1	0 40	16 21	4 47	14 11	13 36	19 21			n.a.
T 9	22 54	13 54	0n 6	25 4	2 1	11 37	3 17	26 51	4 26	17 36	1 22	19 36	1 22	23 13	0 34	23 1	0 40	16 21	4 47	14 11	13 37	19 22			n.a.
F 10	22 47	10 2	1 22	24 52	2 1	11 20	3 29	26 55	4 26	17 38	1 22	19 37	1 22	23 14	0 34	23 1	0 40	16 21	4 47	14 11	13 38	19 22			n.a.
S 11	22 40	5 45	2 31	24 39	2 1	11 3	3 42	26 59	4 27	17 40	1 23	19 38	1 22	23 14	0 34	23 1	0 40	16 21	4 47	14 10	13 39	19 23			n.a.
S 12	22 32	1 21	3 30	24 24	2 0	10 47	3 55	27 3	4 28	17 42	1 23	19 39	1 22	23 14	0 34	23 1	0 40	16 21	4 46	14 10	13 40	19 24			n.a.
M13	22 23	2s59	4 16	24 6	1 59	10 31	4 8	27 6	4 28	17 44	1 23	19 41	1 22	23 15	0 34	23 1	0 40	16 21	4 46	14 10	13 41	19 24			n.a.
T 14	22 15	7 4	4 49	23 47	1 57	10 16	4 21	27 10	4 29	17 46	1 23	19 42	1 22	23 15	0 34	23 1	0 40	16 21	4 46	14 10	13 42	19 25			n.a.
W15	22 6	10 47	5 7	23 26	1 55	10 1	4 35	27 13	4 29	17 48	1 23	19 43	1 22	23 15	0 34	23 1	0 40	16 21	4 46	14 11	13 43	19 25			n.a.
T 16	21 56	13 59	5 12	23 3	1 52	9 48	4 48	27 16	4 29	17 50	1 24	19 44	1 22	23 16	0 34	23 1	0 40	16 21	4 46	14 12	13 44	19 26			n.a.
F 17	21 46	16 36	5 4	22 37	1 48	9 35	5 1	27 19	4 29	17 52	1 24	19 45	1 22	23 16	0 34	23 1	0 40	16 21	4 46	14 13	13 45	19 27			n.a.
S 18	21 36	18 29	4 42	22 10	1 44	9 22	5 15	27 21	4 29	17 55	1 24	19 46	1 22	23 16	0 34	23 1	0 40	16 21	4 46	14 15	13 46	19 27			n.a.
S 19	21 25	19 35	4 8	21 41	1 39	9 11	5 28	27 24	4 29	17 57	1 24	19 47	1 22	23 17	0 34	23 1	0 40	16 21	4 45	14 17	13 47	19 28			n.a.
M20	21 14	19 50	3 24	21 9	1 34	9 0	5 41	27 26	4 29	17 59	1 24	19 48	1 22	23 17	0 34	23 1	0 40	16 21	4 45	14 18	13 48	19 29			n.a.
T 21	21 2	19 11	2 30	20 36	1 28	8 51	5 55	27 28	4 28	18 1	1 25	19 48	1 22	23 17	0 34	23 2	0 40	16 21	4 45	14 19	13 49	19 29			n.a.
W22	20 50	17 40	1 30	20 1	1 21	8 42	6 8	27 30	4 28	18 4	1 25	19 49	1 22	23 18	0 34	23 2	0 40	16 21	4 45	14 20	13 50	19 30			n.a.
T 23	20 38	15 21	0 24	19 25	1 14	8 34	6 20	27 31	4 27	18 6	1 25	19 50	1 22	23 18	0 34	23 2	0 40	16 21	4 45	14 20	13 51	19 30			n.a.
F 24	20 25	12 19	0s43	18 46	1 5	8 28	6 33	27 33	4 26	18 8	1 25	19 51	1 22	23 18	0 34	23 2	0 40	16 21	4 45	14 20	13 53	19 31			n.a.
S 25	20 12	8 42	1 50	18 7	0 57	8 22	6 45	27 34	4 26	18 11	1 25	19 52	1 22	23 18	0 34	23 2	0 40	16 21	4 45	14 20	13 54	19 31			n.a.
S 26	19 58	4 38	2 52	17 26	0 47	8 17	6 57	27 35	4 25	18 13	1 25	19 53	1 22	23 19	0 34	23 2	0 40	16 21	4 44	14 20	13 55	19 32			n.a.
M27	19 45	0 18	3 47	16 44	0 37	8 14	7 9	27 36	4 24	18 15	1 26	19 54	1 22	23 19	0 34	23 2	0 40	16 21	4 44	14 19	13 56	19 33			n.a.
T 28	19 30	4n 9	4 31	16 1	0 26	8 11	7 20	27 37	4 23	18 18	1 26	19 55	1 22	23 19	0 34	23 2	0 40	16 21	4 44	14 19	13 57	19 33			n.a.
W29	19 16	8 30	5 2	15 17	0 14	8 10	7 30	27 37	4 22	18 20	1 26	19 55	1 22	23 20	0 34	23 2	0 40	16 21	4 44	14 19	13 58	19 34			n.a.
T 30	19 1	12 30	5 16	14 33	0 2	8 9	7 40	27 37	4 21	18 23	1 26	19 56	1 22	23 20	0 34	23 2	0 40	16 21	4 44	14 19	13 59	19 34			n.a.
F 31	18s46	15n54	5s11	13s49	0n11	8s10	7n49	27n38	4n19	18n25	1n26	19s57	1n22	23n20	0n34	23s 2	0n40	16n21	4s44	14n19	14n 0	19s35			n.a.

Julian Day Number = 1608195.5, Delta T = 03h54m55s
Ecliptic obliquity = 23°43'50, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'06, Lahiri = - 8°14'05 Julian Calendar 1 Jan. 310 BCE == Greg. Calendar 27 Dec. 311 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

FEBRUARY 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 30	7♒56'10	17♊24	24♒39	17°R29	10°R 8	13°R 8	4♐34	15°R52	27♐22	2°R52	22°R 3	23♌ 0	29♐30	n.a.	S 1
S 2	8 28 27	8°56'12	2♋13	26° 8	16♒54	9♋52	13♌ 0	4°38	15♋50	27°24	2♊52	22♌ 2	22°57	29°36	n.a.	S 2
M 3	8 32 23	9°56'12	17°10	27°32	16°18	9°38	12°52	4°42	15°48	27°26	2°51	22° 0	22°54	29°43	n.a.	M 3
T 4	8 36 20	10°56'09	2♌ 6	28°50	15°42	9°24	12°45	4°46	15°45	27°28	2°51	21°59	22°50	29°50	n.a.	T 4
W 5	8 40 17	11°56'05	16°55	0♓ 2	15° 4	9°11	12°37	4°50	15°43	27°29	2°50	21°D59	22°47	29°57	n.a.	W 5
T 6	8 44 13	12°55'58	1♍27	1° 8	14°27	8°59	12°29	4°54	15°41	27°31	2°50	21°59	22°44	0♑ 3	n.a.	T 6
F 7	8 48 10	13°55'50	15°38	2° 6	13°49	8°48	12°21	4°58	15°39	27°33	2°50	21°59	22°41	0°10	n.a.	F 7
S 8	8 52 6	14°55'39	29°24	2°57	13°11	8°37	12°13	5° 2	15°36	27°34	2°50	22° 0	22°38	0°17	n.a.	S 8
S 9	8 56 3	15°55'27	12♎45	3°39	12°33	8°27	12° 5	5° 6	15°34	27°36	2°49	22° 1	22°34	0°23	n.a.	S 9
M10	8 59 59	16°55'13	25°41	4°14	11°56	8°18	11°58	5° 9	15°32	27°38	2°49	22° 1	22°31	0°30	n.a.	M10
T 11	9 3 56	17°54'57	8♏15	4°40	11°20	8° 9	11°50	5°13	15°30	27°39	2°49	22° 1	22°28	0°37	n.a.	T 11
W12	9 7 52	18°54'39	20°32	4°58	10°45	8° 2	11°42	5°16	15°28	27°41	2°49	22°R 1	22°25	0°43	n.a.	W12
T 13	9 11 49	19°54'19	2♐35	5° 6	10°11	7°55	11°34	5°20	15°26	27°43	2°48	22° 1	22°22	0°50	n.a.	T 13
F 14	9 15 45	20°53'58	14°30	5°R 7	9°39	7°49	11°27	5°23	15°24	27°44	2°48	22° 1	22°19	0°57	n.a.	F 14
S 15	9 19 42	21°53'35	26°20	4°59	9° 8	7°44	11°19	5°26	15°22	27°46	2°48	22°D 1	22°15	1° 3	n.a.	S 15
S 16	9 23 39	22°53'09	8♑10	4°44	8°40	7°39	11°12	5°29	15°20	27°47	2°48	22° 1	22°12	1°10	n.a.	S 16
M17	9 27 35	23°52'42	20° 4	4°20	8°13	7°36	11° 4	5°32	15°18	27°49	2°48	22° 1	22° 9	1°17	n.a.	M17
T 18	9 31 32	24°52'13	2♒ 4	3°50	7°48	7°33	10°57	5°35	15°16	27°50	2°48	22° 2	22° 6	1°24	n.a.	T 18
W19	9 35 28	25°51'42	14°14	3°14	7°26	7°31	10°49	5°38	15°15	27°51	2°48	22° 2	22° 3	1°30	n.a.	W19
T 20	9 39 25	26°51'08	26°34	2°33	7° 6	7°29	10°42	5°41	15°13	27°53	2°D48	22°R 2	22° 0	1°37	n.a.	T 20
F 21	9 43 21	27°50'33	9♓ 7	1°47	6°48	7°D29	10°35	5°44	15°11	27°54	2°48	22° 2	21°56	1°44	n.a.	F 21
S 22	9 47 18	28°49'55	21°53	0°59	6°33	7°29	10°28	5°46	15° 9	27°56	2°48	22° 1	21°53	1°50	n.a.	S 22
S 23	9 51 14	29°49'15	4♈53	0° 7	6°20	7°30	10°20	5°49	15° 8	27°57	2°48	22° 0	21°50	1°57	n.a.	S 23
M24	9 55 11	0♓48'33	18° 7	29♒15	6° 9	7°31	10°14	5°51	15° 6	27°58	2°48	21°59	21°47	2° 4	n.a.	M24
T 25	9 59 8	1°47'48	1♉34	28°23	6° 1	7°34	10° 7	5°54	15° 5	27°59	2°48	21°58	21°44	2°10	n.a.	T 25
W26	10 3 4	2°47'01	15°15	27°32	5°56	7°37	10° 0	5°56	15° 3	28° 1	2°48	21°57	21°40	2°17	n.a.	W26
T 27	10 7 1	3°46'11	29° 9	26°42	5°53	7°41	9°53	5°58	15° 2	28° 2	2°49	21°D57	21°37	2°24	n.a.	T 27
F 28	10 10 57	4♓45'19	13♊15	25♒56	5°D52	7♋45	9♌47	6♐ 0	15♋ 0	28♐ 3	2♊49	21♌57	21♌34	2♑30	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s30	18n23	4s46	13s 5	0n24	8s12	7n57	27n38	4n18	18n27	1n26	19s58	1n22	23n20	0n34	23s 2	0n40	16n21	4s43	14n20	14n 1	19s35		n.a.
S 2	18 15	19 41	4 2	12 22	0 38	8 15	8 5	27 37	4 17	18 30	1 26	19 58	1 22	23 21	0 34	23 2	0 40	16 21	4 43	14 20	14 2	19 36		n.a.
M 3	17 58	19 37	3 1	11 40	0 52	8 19	8 12	27 37	4 15	18 32	1 26	19 59	1 23	23 21	0 34	23 2	0 40	16 21	4 43	14 21	14 3	19 36		n.a.
T 4	17 42	18 11	1 48	10 59	1 6	8 24	8 18	27 37	4 14	18 34	1 26	20 0	1 23	23 21	0 34	23 2	0 40	16 21	4 43	14 21	14 4	19 37		n.a.
W 5	17 25	15 31	0 28	10 20	1 21	8 30	8 23	27 36	4 12	18 37	1 27	20 0	1 23	23 22	0 34	23 2	0 40	16 21	4 43	14 21	14 5	19 38		n.a.
T 6	17 8	11 54	0n52	9 43	1 35	8 37	8 27	27 35	4 11	18 39	1 27	20 1	1 23	23 22	0 34	23 2	0 40	16 22	4 43	14 21	14 6	19 38		n.a.
F 7	16 51	7 41	2 8	9 9	1 50	8 44	8 30	27 34	4 9	18 41	1 27	20 2	1 23	23 22	0 34	23 2	0 40	16 22	4 43	14 21	14 7	19 39		n.a.
S 8	16 33	3 11	3 13	8 37	2 4	8 53	8 32	27 34	4 7	18 44	1 27	20 2	1 23	23 22	0 34	23 2	0 40	16 22	4 42	14 21	14 8	19 39		n.a.
S 9	16 15	1s19	4 6	8 9	2 18	9 2	8 34	27 32	4 6	18 46	1 27	20 3	1 23	23 23	0 34	23 2	0 40	16 22	4 42	14 21	14 9	19 40		n.a.
M10	15 57	5 38	4 45	7 44	2 31	9 11	8 34	27 31	4 4	18 48	1 27	20 4	1 23	23 23	0 34	23 2	0 40	16 22	4 42	14 20	14 10	19 40		n.a.
T 11	15 39	9 34	5 8	7 23	2 44	9 22	8 33	27 30	4 2	18 50	1 27	20 4	1 23	23 23	0 34	23 2	0 40	16 22	4 42	14 20	14 11	19 41		n.a.
W12	15 20	13 0	5 17	7 5	2 56	9 33	8 32	27 29	4 0	18 53	1 27	20 5	1 23	23 23	0 34	23 2	0 40	16 22	4 42	14 20	14 13	19 41		n.a.
T 13	15 1	15 50	5 12	6 52	3 7	9 44	8 29	27 27	3 58	18 55	1 27	20 5	1 23	23 24	0 34	23 2	0 40	16 22	4 42	14 20	14 14	19 42		n.a.
F 14	14 42	17 57	4 54	6 42	3 17	9 55	8 26	27 26	3 56	18 57	1 27	20 6	1 23	23 24	0 34	23 2	0 40	16 22	4 41	14 20	14 15	19 42		n.a.
S 15	14 23	19 18	4 22	6 37	3 25	10 7	8 22	27 24	3 55	18 59	1 27	20 6	1 23	23 24	0 34	23 2	0 40	16 23	4 41	14 20	14 16	19 43		n.a.
S 16	14 3	19 49	3 40	6 36	3 32	10 19	8 17	27 23	3 53	19 1	1 27	20 7	1 23	23 24	0 34	23 2	0 40	16 23	4 41	14 20	14 17	19 43		n.a.
M17	13 43	19 26	2 48	6 39	3 38	10 32	8 11	27 21	3 51	19 3	1 27	20 7	1 23	23 24	0 34	23 2	0 40	16 23	4 41	14 20	14 18	19 44		n.a.
T 18	13 23	18 11	1 49	6 47	3 42	10 44	8 5	27 19	3 49	19 6	1 27	20 8	1 23	23 25	0 34	23 2	0 40	16 23	4 41	14 20	14 19	19 44		n.a.
W19	13 3	16 4	0 43	6 58	3 44	10 56	7 57	27 17	3 47	19 8	1 27	20 8	1 24	23 25	0 34	23 2	0 40	16 23	4 41	14 20	14 20	19 45		n.a.
T 20	12 43	13 12	0s25	7 13	3 44	11 9	7 50	27 15	3 45	19 10	1 27	20 9	1 24	23 25	0 34	23 2	0 40	16 23	4 40	14 20	14 21	19 45		n.a.
F 21	12 22	9 41	1 33	7 30	3 42	11 21	7 42	27 13	3 43	19 12	1 27	20 9	1 24	23 25	0 34	23 2	0 40	16 24	4 40	14 20	14 22	19 46		n.a.
S 22	12 1	5 40	2 38	7 51	3 39	11 33	7 33	27 11	3 41	19 14	1 27	20 9	1 24	23 25	0 34	23 2	0 40	16 24	4 40	14 20	14 23	19 46		n.a.
S 23	11 40	1 20	3 36	8 14	3 33	11 45	7 24	27 9	3 39	19 16	1 27	20 10	1 24	23 26	0 34	23 2	0 40	16 24	4 40	14 21	14 24	19 47		n.a.
M24	11 19	3n 8	4 23	8 39	3 26	11 56	7 15	27 7	3 37	19 17	1 27	20 10	1 24	23 26	0 34	23 3	0 40	16 24	4 40	14 21	14 25	19 47		n.a.
T 25	10 58	7 31	4 57	9 6	3 18	12 8	7 5	27 5	3 35	19 19	1 27	20 10	1 24	23 26	0 34	23 3	0 40	16 24	4 40	14 21	14 26	19 48		n.a.
W26	10 36	11 36	5 15	9 33	3 7	12 19	6 55	27 3	3 33	19 21	1 27	20 11	1 24	23 26	0 34	23 3	0 40	16 24	4 39	14 22	14 27	19 48		n.a.
T 27	10 15	15 6	5 14	10 1	2 56	12 29	6 45	27 1	3 31	19 23	1 27	20 11	1 24	23 26	0 34	23 3	0 40	16 25	4 39	14 22	14 28	19 49		n.a.
F 28	9s53	17n47	4s55	10s28	2n43	12s40	6n34	26n58	3n29	19n25	1n27	20s11	1n24	23n26	0n34	23s 3	0n40	16n25	4s39	14n22	14n29	19s49		n.a.

Julian Day Number = 1608226.5, Delta T = 03h54m54s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°21'01, Lahiri = - 8°14'01 Julian Calendar 1 Feb. 310 BCE == Greg. Calendar 27 Jan. 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

MARCH 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 14 54	5♓44'25	27♊32	25°R13	5♒54	7♋50	9°R40	6♐ 2	14°R59	28♐ 4	2♊49	21♌57	21♌31	2♑37	n.a.	S 1
S 2	10 18 50	6°43'28	11♋57	24♒34	5°58	7°56	9♌34	6° 4	14♋57	28° 5	2°49	21°58	21°28	2°44	n.a.	S 2
M 3	10 22 47	7°42'29	26°27	24° 0	6° 4	8° 2	9°28	6° 6	14°56	28° 6	2°50	21°59	21°25	2°51	n.a.	M 3
T 4	10 26 43	8°41'28	10♌56	23°31	6°12	8° 9	9°22	6° 7	14°55	28° 7	2°50	22° 0	21°21	2°57	n.a.	T 4
W 5	10 30 40	9°40'24	25°21	23° 7	6°23	8°17	9°16	6° 9	14°54	28° 8	2°50	22°R 1	21°18	3° 4	n.a.	W 5
T 6	10 34 36	10°39'18	9♍35	22°49	6°36	8°25	9°10	6°10	14°53	28° 9	2°50	22° 0	21°15	3°11	n.a.	T 6
F 7	10 38 33	11°38'09	23°35	22°36	6°51	8°34	9° 4	6°12	14°51	28°10	2°51	21°58	21°12	3°17	n.a.	F 7
S 8	10 42 30	12°36'59	7♎15	22°29	7° 7	8°44	8°59	6°13	14°50	28°11	2°51	21°56	21° 9	3°24	n.a.	S 8
S 9	10 46 26	13°35'47	20°35	22°D27	7°26	8°54	8°53	6°14	14°49	28°12	2°52	21°52	21° 5	3°31	n.a.	S 9
M10	10 50 23	14°34'32	3♏33	22°31	7°47	9° 4	8°48	6°15	14°48	28°13	2°52	21°49	21° 2	3°37	n.a.	M10
T 11	10 54 19	15°33'16	16°11	22°39	8° 9	9°16	8°43	6°16	14°48	28°14	2°52	21°46	20°59	3°44	n.a.	T 11
W12	10 58 16	16°31'58	28°31	22°53	8°34	9°27	8°38	6°17	14°47	28°15	2°53	21°44	20°56	3°51	n.a.	W12
T 13	11 2 12	17°30'39	10♐36	23°12	8°59	9°40	8°33	6°18	14°46	28°15	2°53	21°42	20°53	3°57	n.a.	T 13
F 14	11 6 9	18°29'17	22°32	23°35	9°27	9°52	8°29	6°19	14°45	28°16	2°54	21°D42	20°50	4° 4	n.a.	F 14
S 15	11 10 5	19°27'54	4♑23	24° 3	9°56	10° 6	8°24	6°19	14°44	28°17	2°54	21°43	20°46	4°11	n.a.	S 15
S 16	11 14 2	20°26'29	16°14	24°35	10°27	10°19	8°20	6°20	14°44	28°18	2°55	21°45	20°43	4°17	n.a.	S 16
M17	11 17 59	21°25'02	28°10	25°12	10°59	10°34	8°16	6°20	14°43	28°18	2°55	21°47	20°40	4°24	n.a.	M17
T 18	11 21 55	22°23'33	10♒15	25°52	11°32	10°48	8°12	6°21	14°43	28°19	2°56	21°48	20°37	4°31	n.a.	T 18
W19	11 25 52	23°22'03	22°32	26°35	12° 7	11° 4	8° 8	6°21	14°42	28°19	2°57	21°R49	20°34	4°38	n.a.	W19
T 20	11 29 48	24°20'31	5♓ 5	27°23	12°43	11°19	8° 4	6°21	14°42	28°20	2°57	21°48	20°31	4°44	n.a.	T 20
F 21	11 33 45	25°18'56	17°55	28°13	13°20	11°36	8° 1	6°R21	14°41	28°21	2°58	21°45	20°27	4°51	n.a.	F 21
S 22	11 37 41	26°17'20	1♈ 3	29° 7	13°58	11°52	7°57	6°21	14°41	28°21	2°59	21°41	20°24	4°58	n.a.	S 22
S 23	11 41 38	27°15'42	14°28	0♓ 4	14°38	12° 9	7°54	6°21	14°41	28°21	2°59	21°36	20°21	5° 4	n.a.	S 23
M24	11 45 34	28°14'02	28° 7	1° 4	15°18	12°27	7°51	6°20	14°40	28°22	3° 0	21°30	20°18	5°11	n.a.	M24
T 25	11 49 31	29°12'20	11♉58	2° 7	16° 0	12°45	7°49	6°20	14°40	28°22	3° 1	21°25	20°15	5°18	n.a.	T 25
W26	11 53 27	0♈10'35	25°59	3°12	16°43	13° 3	7°46	6°20	14°40	28°23	3° 1	21°20	20°11	5°24	n.a.	W26
T 27	11 57 24	1° 8'49	10♊ 5	4°20	17°26	13°22	7°44	6°19	14°40	28°23	3° 2	21°16	20° 8	5°31	n.a.	T 27
F 28	12 1 21	2° 7'01	24°14	5°31	18°11	13°41	7°41	6°18	14°D40	28°23	3° 3	21°14	20° 5	5°38	n.a.	F 28
S 29	12 5 17	3° 5'10	8♋25	6°44	18°56	14° 1	7°39	6°18	14°40	28°23	3° 4	21°D14	20° 2	5°44	n.a.	S 29
S 30	12 9 14	4° 3'17	22°35	7°59	19°42	14°21	7°37	6°17	14°40	28°24	3° 5	21°15	19°59	5°51	n.a.	S 30
M31	12 13 10	5♈ 1'23	6♌42	9♓17	20♒29	14♋41	7♌36	6♐16	14♋40	28♐24	3♊ 6	21♌16	19♌56	5♑58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s31	19n25	4s18	10s55	2n30	12s50	6n24	26n56	3n27	19n26	1n27	20s12	1n24	23n26	0n34	23s 3	0n40	16n25	4s39	14n22	14n30	19s49		n.a.
S 2	9 9	19 48	3 24	11 22	2 15	12 59	6 13	26 54	3 25	19 28	1 27	20 12	1 24	23 27	0 34	23 3	0 40	16 25	4 39	14 21	14 31	19 50		n.a.
M 3	8 47	18 53	2 17	11 47	2 1	13 8	6 2	26 51	3 23	19 30	1 27	20 12	1 24	23 27	0 34	23 3	0 40	16 25	4 39	14 21	14 32	19 50		n.a.
T 4	8 25	16 43	1 1	12 11	1 45	13 17	5 51	26 49	3 21	19 31	1 27	20 12	1 24	23 27	0 34	23 3	0 40	16 26	4 38	14 21	14 33	19 51		n.a.
W 5	8 2	13 31	0n18	12 34	1 30	13 25	5 40	26 47	3 19	19 33	1 27	20 13	1 25	23 27	0 34	23 3	0 40	16 26	4 38	14 21	14 34	19 51		n.a.
T 6	7 40	9 32	1 36	12 54	1 15	13 32	5 29	26 44	3 17	19 34	1 27	20 13	1 25	23 27	0 34	23 3	0 40	16 26	4 38	14 21	14 35	19 52		n.a.
F 7	7 17	5 6	2 46	13 13	0 59	13 39	5 18	26 42	3 15	19 36	1 26	20 13	1 25	23 27	0 34	23 3	0 41	16 26	4 38	14 21	14 36	19 52		n.a.
S 8	6 54	0 31	3 44	13 30	0 44	13 46	5 7	26 39	3 13	19 37	1 26	20 13	1 25	23 27	0 34	23 3	0 41	16 26	4 38	14 22	14 37	19 52		n.a.
S 9	6 32	3s59	4 29	13 44	0 29	13 52	4 56	26 36	3 11	19 38	1 26	20 13	1 25	23 27	0 34	23 3	0 41	16 27	4 38	14 23	14 38	19 53		n.a.
M10	6 9	8 10	4 59	13 57	0 14	13 57	4 45	26 34	3 9	19 40	1 26	20 13	1 25	23 27	0 34	23 3	0 41	16 27	4 37	14 24	14 40	19 53		n.a.
T 11	5 46	11 53	5 13	14 7	0 0	14 2	4 35	26 31	3 7	19 41	1 26	20 13	1 25	23 28	0 34	23 3	0 41	16 27	4 37	14 25	14 41	19 54		n.a.
W12	5 23	15 0	5 12	14 16	0s13	14 6	4 24	26 28	3 5	19 42	1 26	20 14	1 25	23 28	0 34	23 3	0 41	16 27	4 37	14 26	14 42	19 54		n.a.
T 13	5 0	17 24	4 58	14 22	0 26	14 9	4 13	26 25	3 4	19 43	1 26	20 14	1 25	23 28	0 34	23 3	0 41	16 28	4 37	14 26	14 43	19 55		n.a.
F 14	4 36	19 1	4 30	14 26	0 39	14 12	4 3	26 23	3 2	19 45	1 26	20 14	1 25	23 28	0 34	23 3	0 41	16 28	4 37	14 26	14 44	19 55		n.a.
S 15	4 13	19 48	3 52	14 28	0 51	14 15	3 52	26 20	3 0	19 46	1 26	20 14	1 25	23 28	0 34	23 3	0 41	16 28	4 37	14 26	14 45	19 55		n.a.
S 16	3 50	19 42	3 3	14 28	1 2	14 17	3 42	26 17	2 58	19 47	1 26	20 14	1 25	23 28	0 34	23 3	0 41	16 28	4 37	14 26	14 46	19 56		n.a.
M17	3 27	18 43	2 6	14 26	1 13	14 18	3 32	26 14	2 56	19 48	1 25	20 14	1 25	23 28	0 34	23 3	0 41	16 29	4 36	14 25	14 47	19 56		n.a.
T 18	3 3	16 53	1 3	14 22	1 23	14 18	3 21	26 11	2 54	19 49	1 25	20 14	1 25	23 28	0 34	23 3	0 41	16 29	4 36	14 25	14 48	19 57		n.a.
W19	2 40	14 14	0s 4	14 15	1 33	14 18	3 12	26 8	2 52	19 49	1 25	20 14	1 26	23 28	0 34	23 3	0 41	16 29	4 36	14 24	14 49	19 57		n.a.
T 20	2 16	10 53	1 12	14 7	1 42	14 18	3 2	26 5	2 51	19 50	1 25	20 14	1 26	23 28	0 34	23 3	0 41	16 30	4 36	14 25	14 50	19 57		n.a.
F 21	1 53	6 56	2 18	13 57	1 50	14 17	2 52	26 1	2 49	19 51	1 25	20 14	1 26	23 28	0 34	23 3	0 41	16 30	4 36	14 26	14 51	19 58		n.a.
S 22	1 30	2 36	3 18	13 45	1 58	14 15	2 42	25 58	2 47	19 52	1 25	20 13	1 26	23 28	0 34	23 3	0 41	16 30	4 36	14 27	14 52	19 58		n.a.
S 23	1 6	1n58	4 8	13 32	2 5	14 12	2 33	25 55	2 45	19 53	1 25	20 13	1 26	23 28	0 34	23 3	0 41	16 30	4 35	14 29	14 53	19 58		n.a.
M24	0 43	6 30	4 45	13 16	2 11	14 9	2 24	25 51	2 44	19 53	1 24	20 13	1 26	23 28	0 34	23 3	0 41	16 31	4 35	14 30	14 54	19 59		n.a.
T 25	0 19	10 45	5 6	12 59	2 17	14 5	2 15	25 48	2 42	19 54	1 24	20 13	1 26	23 28	0 34	23 3	0 41	16 31	4 35	14 32	14 55	19 59		n.a.
W26	0n 4	14 28	5 9	12 39	2 22	14 1	2 6	25 44	2 40	19 54	1 24	20 13	1 26	23 28	0 33	23 3	0 41	16 31	4 35	14 34	14 56	20 0		n.a.
T 27	0 28	17 23	4 54	12 19	2 27	13 56	1 57	25 41	2 39	19 55	1 24	20 13	1 26	23 28	0 33	23 3	0 41	16 32	4 35	14 35	14 57	20 0		n.a.
F 28	0 51	19 16	4 21	11 56	2 31	13 51	1 48	25 37	2 37	19 55	1 24	20 13	1 26	23 28	0 33	23 3	0 41	16 32	4 35	14 36	14 58	20 0		n.a.
S 29	1 14	19 57	3 31	11 32	2 34	13 45	1 40	25 33	2 35	19 56	1 24	20 12	1 26	23 28	0 33	23 3	0 41	16 32	4 35	14 36	14 59	20 1		n.a.
S 30	1 38	19 22	2 29	11 6	2 37	13 38	1 32	25 30	2 34	19 56	1 24	20 12	1 26	23 28	0 33	23 3	0 41	16 32	4 34	14 35	15 0	20 1		n.a.
M31	2n 1	17n34	1s18	10s38	2s39	13s31	1n24	25n26	2n32	19n56	1n23	20s12	1n26	23n28	0n33	23s 2	0n41	16n33	4s34	14n35	15n 1	20s 1		n.a.

Julian Day Number = 1608254.5, Delta T = 03h54m53s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'57, Lahiri = - 8°13'57 Julian Calendar 1 March 310 BCE == Greg. Calendar 24 Feb. 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

APRIL 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 17 7	5♈59'26	20♌45	10♓37	21♒17	15♋ 1	7°R34	6°R15	14♋41	28♐24	3♊ 6	21°R17	19♌52	6♑ 4	n.a.	T 1
W 2	12 21 3	6°57'27	4♍43	11°59	22° 5	15°22	7♌33	6♐14	14°41	28°24	3° 7	21♌16	19°49	6°11	n.a.	W 2
T 3	12 25 0	7°55'26	18°31	13°23	22°55	15°44	7°32	6°13	14°41	28°24	3° 8	21°14	19°46	6°18	n.a.	T 3
F 4	12 28 56	8°53'23	2♎ 9	14°49	23°45	16° 5	7°31	6°11	14°42	28°24	3° 9	21° 9	19°43	6°24	n.a.	F 4
S 5	12 32 53	9°51'18	15°33	16°17	24°35	16°27	7°30	6°10	14°42	28°R24	3°10	21° 2	19°40	6°31	n.a.	S 5
S 6	12 36 50	10°49'12	28°41	17°48	25°27	16°50	7°29	6° 8	14°42	28°24	3°11	20°53	19°37	6°38	n.a.	S 6
M 7	12 40 46	11°47'05	11♏32	19°20	26°19	17°12	7°29	6° 7	14°43	28°24	3°12	20°44	19°33	6°45	n.a.	M 7
T 8	12 44 43	12°44'56	24° 6	20°55	27°11	17°35	7°29	6° 5	14°44	28°24	3°13	20°36	19°30	6°51	n.a.	T 8
W 9	12 48 39	13°42'45	6♐24	22°31	28° 4	17°58	7°D29	6° 3	14°44	28°24	3°14	20°29	19°27	6°58	n.a.	W 9
T 10	12 52 36	14°40'33	18°29	24°10	28°58	18°22	7°29	6° 1	14°45	28°24	3°15	20°23	19°24	7° 5	n.a.	T 10
F 11	12 56 32	15°38'20	0♑25	25°51	29°52	18°46	7°29	6° 0	14°46	28°24	3°16	20°20	19°21	7°11	n.a.	F 11
S 12	13 0 29	16°36'06	12°16	27°33	0♓47	19°10	7°30	5°58	14°46	28°24	3°17	20°D18	19°17	7°18	n.a.	S 12
S 13	13 4 25	17°33'50	24° 7	29°18	1°42	19°34	7°30	5°55	14°47	28°23	3°18	20°18	19°14	7°25	n.a.	S 13
M14	13 8 22	18°31'33	6♒ 3	1♈ 4	2°38	19°59	7°31	5°53	14°48	28°23	3°19	20°19	19°11	7°31	n.a.	M14
T 15	13 12 19	19°29'15	18°10	2°53	3°34	20°24	7°32	5°51	14°49	28°23	3°20	20°R20	19° 8	7°38	n.a.	T 15
W16	13 16 15	20°26'55	0♓32	4°43	4°31	20°49	7°34	5°49	14°50	28°22	3°22	20°19	19° 5	7°45	n.a.	W16
T 17	13 20 12	21°24'35	13°13	6°36	5°28	21°15	7°35	5°46	14°51	28°22	3°23	20°17	19° 2	7°51	n.a.	T 17
F 18	13 24 8	22°22'13	26°15	8°31	6°26	21°40	7°37	5°44	14°52	28°22	3°24	20°12	18°58	7°58	n.a.	F 18
S 19	13 28 5	23°19'50	9♈41	10°27	7°24	22° 6	7°38	5°41	14°53	28°21	3°25	20° 5	18°55	8° 5	n.a.	S 19
S 20	13 32 1	24°17'25	23°28	12°26	8°22	22°32	7°40	5°38	14°55	28°21	3°26	19°56	18°52	8°11	n.a.	S 20
M21	13 35 58	25°15'00	7♉33	14°26	9°21	22°59	7°42	5°36	14°56	28°20	3°27	19°46	18°49	8°18	n.a.	M21
T 22	13 39 54	26°12'33	21°52	16°28	10°20	23°26	7°45	5°33	14°57	28°20	3°29	19°36	18°46	8°25	n.a.	T 22
W23	13 43 51	27°10'05	6♊18	18°32	11°19	23°53	7°47	5°30	14°58	28°19	3°30	19°27	18°42	8°31	n.a.	W23
T 24	13 47 47	28° 7'35	20°45	20°37	12°19	24°20	7°50	5°27	15° 0	28°19	3°31	19°20	18°39	8°38	n.a.	T 24
F 25	13 51 44	29° 5'04	5♋ 9	22°44	13°19	24°47	7°53	5°24	15° 1	28°18	3°32	19°16	18°36	8°45	n.a.	F 25
S 26	13 55 41	0♉ 2'32	19°25	24°52	14°19	25°15	7°56	5°21	15° 3	28°17	3°34	19°14	18°33	8°51	n.a.	S 26
S 27	13 59 37	0°59'58	3♌31	27° 2	15°20	25°43	7°59	5°18	15° 4	28°17	3°35	19°D13	18°30	8°58	n.a.	S 27
M28	14 3 34	1°57'22	17°27	29°12	16°21	26°11	8° 2	5°14	15° 6	28°16	3°36	19°R14	18°27	9° 5	n.a.	M28
T 29	14 7 30	2°54'46	1♍13	1♉23	17°22	26°39	8° 6	5°11	15° 8	28°15	3°37	19°13	18°23	9°11	n.a.	T 29
W30	14 11 27	3♉52'07	14♍48	3♉35	18♓24	27♋ 7	8♌ 9	5♐ 8	15♋ 9	28♐15	3♊39	19♌11	18♌20	9♑18	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n24	14n42	0s 3	10s 9	2s40	13s23	1n16	25n22	2n30	19n56	1n23	20s12	1n26	23n28	0n33	23s 2	0n41	16n33	4s34	14n35	15n 2	20s 2		n.a.
W 2	2 48	11 1	1n12	9 38	2 41	13 15	1 8	25 18	2 29	19 57	1 23	20 12	1 26	23 28	0 33	23 2	0 41	16 33	4 34	14 35	15 3	20 2		n.a.
T 3	3 11	6 46	2 22	9 5	2 42	13 6	1 0	25 14	2 27	19 57	1 23	20 11	1 26	23 28	0 33	23 2	0 41	16 34	4 34	14 36	15 4	20 2		n.a.
F 4	3 34	2 13	3 22	8 31	2 41	12 57	0 52	25 9	2 26	19 57	1 23	20 11	1 27	23 28	0 33	23 2	0 41	16 34	4 34	14 37	15 5	20 3		n.a.
S 5	3 57	2s21	4 10	7 56	2 40	12 47	0 45	25 5	2 24	19 57	1 23	20 11	1 27	23 28	0 33	23 2	0 41	16 34	4 34	14 40	15 6	20 3		n.a.
S 6	4 20	6 43	4 44	7 19	2 39	12 36	0 38	25 1	2 22	19 57	1 22	20 10	1 27	23 28	0 33	23 2	0 41	16 35	4 33	14 42	15 7	20 3		n.a.
M 7	4 43	10 41	5 3	6 40	2 37	12 25	0 31	24 56	2 21	19 57	1 22	20 10	1 27	23 27	0 33	23 2	0 41	16 35	4 33	14 45	15 8	20 4		n.a.
T 8	5 6	14 5	5 6	6 0	2 34	12 13	0 24	24 52	2 19	19 57	1 22	20 10	1 27	23 27	0 33	23 2	0 41	16 35	4 33	14 48	15 9	20 4		n.a.
W 9	5 28	16 48	4 55	5 19	2 31	12 1	0 17	24 47	2 18	19 57	1 22	20 9	1 27	23 27	0 33	23 2	0 41	16 36	4 33	14 50	15 10	20 4		n.a.
T 10	5 51	18 44	4 31	4 36	2 28	11 49	0 11	24 42	2 16	19 56	1 22	20 9	1 27	23 27	0 33	23 2	0 41	16 36	4 33	14 52	15 11	20 4		n.a.
F 11	6 14	19 49	3 55	3 52	2 23	11 35	0 4	24 37	2 15	19 56	1 22	20 9	1 27	23 27	0 33	23 2	0 41	16 36	4 33	14 53	15 12	20 5		n.a.
S 12	6 36	20 1	3 10	3 6	2 19	11 22	0s 2	24 33	2 13	19 56	1 21	20 8	1 27	23 27	0 33	23 2	0 41	16 37	4 33	14 54	15 13	20 5		n.a.
S 13	6 59	19 19	2 16	2 19	2 13	11 8	0 8	24 28	2 12	19 55	1 21	20 8	1 27	23 27	0 33	23 2	0 41	16 37	4 33	14 54	15 14	20 5		n.a.
M14	7 21	17 46	1 16	1 31	2 7	10 53	0 14	24 22	2 10	19 55	1 21	20 7	1 27	23 27	0 33	23 2	0 41	16 37	4 32	14 53	15 15	20 6		n.a.
T 15	7 43	15 23	0 12	0 41	2 1	10 38	0 20	24 17	2 9	19 55	1 21	20 7	1 27	23 27	0 33	23 2	0 41	16 38	4 32	14 53	15 16	20 6		n.a.
W16	8 5	12 16	0s54	0n 9	1 54	10 22	0 26	24 12	2 8	19 54	1 21	20 7	1 27	23 26	0 33	23 2	0 41	16 38	4 32	14 53	15 17	20 6		n.a.
T 17	8 27	8 30	1 59	1 1	1 47	10 6	0 31	24 6	2 6	19 54	1 20	20 6	1 27	23 26	0 33	23 2	0 41	16 38	4 32	14 54	15 18	20 7		n.a.
F 18	8 49	4 15	3 0	1 54	1 39	9 50	0 37	24 1	2 5	19 53	1 20	20 6	1 27	23 26	0 33	23 2	0 41	16 39	4 32	14 56	15 19	20 7		n.a.
S 19	9 10	0n20	3 52	2 48	1 31	9 33	0 42	23 55	2 3	19 52	1 20	20 5	1 27	23 26	0 33	23 2	0 41	16 39	4 32	14 58	15 20	20 7		n.a.
S 20	9 32	5 1	4 32	3 43	1 22	9 15	0 47	23 50	2 2	19 52	1 20	20 5	1 27	23 26	0 33	23 2	0 41	16 39	4 32	15 1	15 21	20 7		n.a.
M21	9 53	9 32	4 56	4 38	1 13	8 58	0 52	23 44	2 1	19 51	1 20	20 4	1 27	23 26	0 33	23 2	0 41	16 40	4 32	15 4	15 22	20 8		n.a.
T 22	10 14	13 35	5 3	5 35	1 3	8 39	0 57	23 38	1 59	19 50	1 20	20 4	1 27	23 26	0 33	23 2	0 41	16 40	4 31	15 7	15 23	20 8		n.a.
W23	10 35	16 52	4 50	6 32	0 53	8 21	1 1	23 32	1 58	19 49	1 19	20 3	1 27	23 25	0 33	23 2	0 41	16 40	4 31	15 10	15 24	20 8		n.a.
T 24	10 56	19 6	4 19	7 29	0 43	8 2	1 6	23 25	1 57	19 48	1 19	20 2	1 27	23 25	0 33	23 2	0 41	16 41	4 31	15 12	15 25	20 8		n.a.
F 25	11 17	20 6	3 32	8 26	0 33	7 43	1 10	23 19	1 55	19 48	1 19	20 2	1 27	23 25	0 33	23 2	0 41	16 41	4 31	15 14	15 26	20 9		n.a.
S 26	11 37	19 49	2 31	9 24	0 23	7 23	1 14	23 13	1 54	19 47	1 19	20 1	1 27	23 25	0 33	23 2	0 41	16 41	4 31	15 14	15 27	20 9		n.a.
S 27	11 58	18 16	1 22	10 21	0 12	7 3	1 18	23 6	1 53	19 46	1 19	20 1	1 27	23 25	0 33	23 2	0 41	16 42	4 31	15 14	15 28	20 9		n.a.
M28	12 18	15 38	0 9	11 18	0 1	6 43	1 22	23 0	1 51	19 45	1 19	20 0	1 27	23 24	0 33	23 2	0 41	16 42	4 31	15 14	15 29	20 9		n.a.
T 29	12 38	12 9	1n 3	12 15	0n 9	6 22	1 26	22 53	1 50	19 43	1 18	20 0	1 27	23 24	0 33	23 2	0 41	16 42	4 31	15 14	15 30	20 10		n.a.
W30	12n58	8n 4	2n11	13n10	0n20	6s 1	1s30	22n46	1n49	19n42	1n18	19s59	1n27	23n24	0n33	23s 2	0n41	16n43	4s31	15n15	15n31	20s10		n.a.

Julian Day Number = 1608285.5, Delta T = 03h54m52s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'53, Lahiri = - 8°13'53 Julian Calendar 1 Apr. 310 BCE == Greg. Calendar 27 March 310 BCE

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

MAY 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 15 23	4♉49'28	28♍13	5♉46	19♓26	27♋36	8♌13	5°R 4	15♋11	28°R14	3♊40	19°R 6	18♌17	9♑25	n.a.	T 1
F 2	14 19 20	5°46'47	11♎27	7°58	20°28	28° 5	8°17	5♐ 1	15°13	28♐13	3°41	18♌59	18°14	9°31	n.a.	F 2
S 3	14 23 16	6°44'06	24°29	10° 9	21°30	28°34	8°21	4°57	15°15	28°12	3°43	18°49	18°11	9°38	n.a.	S 3
S 4	14 27 13	7°41'23	7♏19	12°20	22°33	29° 3	8°25	4°54	15°17	28°11	3°44	18°37	18° 8	9°45	n.a.	S 4
M 5	14 31 10	8°38'40	19°57	14°30	23°36	29°33	8°30	4°50	15°18	28°10	3°45	18°24	18° 4	9°51	n.a.	M 5
T 6	14 35 6	9°35'55	2♐21	16°39	24°39	0♌ 2	8°35	4°46	15°20	28° 9	3°47	18°11	18° 1	9°58	n.a.	T 6
W 7	14 39 3	10°33'11	14°33	18°46	25°42	0°32	8°39	4°42	15°22	28° 9	3°48	18° 0	17°58	10° 5	n.a.	W 7
T 8	14 42 59	11°30'25	26°34	20°52	26°46	1° 2	8°44	4°39	15°25	28° 8	3°49	17°52	17°55	10°12	n.a.	T 8
F 9	14 46 56	12°27'39	8♑27	22°56	27°49	1°32	8°49	4°35	15°27	28° 7	3°51	17°45	17°52	10°18	n.a.	F 9
S 10	14 50 52	13°24'52	20°17	24°58	28°53	2° 2	8°55	4°31	15°29	28° 6	3°52	17°42	17°48	10°25	n.a.	S 10
S 11	14 54 49	14°22'05	2♒ 6	26°59	29°58	2°33	9° 0	4°27	15°31	28° 5	3°54	17°40	17°45	10°32	n.a.	S 11
M12	14 58 45	15°19'18	14° 2	28°57	1♈ 2	3° 3	9° 5	4°23	15°33	28° 3	3°55	17°40	17°42	10°38	n.a.	M12
T 13	15 2 42	16°16'30	26° 7	0♊53	2° 7	3°34	9°11	4°19	15°35	28° 2	3°56	17°40	17°39	10°45	n.a.	T 13
W14	15 6 39	17°13'41	8♓30	2°47	3°11	4° 5	9°17	4°15	15°38	28° 1	3°58	17°39	17°36	10°52	n.a.	W14
T 15	15 10 35	18°10'53	21°13	4°38	4°16	4°36	9°23	4°11	15°40	28° 0	3°59	17°36	17°33	10°58	n.a.	T 15
F 16	15 14 32	19° 8'04	4♈21	6°28	5°21	5° 8	9°29	4° 7	15°42	27°59	4° 1	17°31	17°29	11° 5	n.a.	F 16
S 17	15 18 28	20° 5'15	17°55	8°14	6°27	5°39	9°35	4° 2	15°45	27°58	4° 2	17°23	17°26	11°12	n.a.	S 17
S 18	15 22 25	21° 2'25	1♉56	9°59	7°32	6°11	9°42	3°58	15°47	27°57	4° 4	17°13	17°23	11°18	n.a.	S 18
M19	15 26 21	21°59'35	16°21	11°41	8°38	6°42	9°48	3°54	15°50	27°55	4° 5	17° 2	17°20	11°25	n.a.	M19
T 20	15 30 18	22°56'45	1♊ 2	13°21	9°44	7°14	9°55	3°50	15°52	27°54	4° 7	16°51	17°17	11°32	n.a.	T 20
W21	15 34 15	23°53'55	15°52	14°58	10°50	7°46	10° 2	3°45	15°55	27°53	4° 8	16°41	17°13	11°38	n.a.	W21
T 22	15 38 11	24°51'04	0♋43	16°33	11°56	8°19	10° 8	3°41	15°58	27°52	4° 9	16°33	17°10	11°45	n.a.	T 22
F 23	15 42 8	25°48'12	15°26	18° 5	13° 2	8°51	10°16	3°37	16° 0	27°50	4°11	16°28	17° 7	11°52	n.a.	F 23
S 24	15 46 4	26°45'20	29°57	19°35	14° 8	9°24	10°23	3°32	16° 3	27°49	4°12	16°25	17° 4	11°58	n.a.	S 24
S 25	15 50 1	27°42'28	14♌11	21° 3	15°15	9°56	10°30	3°28	16° 6	27°48	4°14	16°D25	17° 1	12° 5	n.a.	S 25
M26	15 53 57	28°39'35	28° 7	22°28	16°22	10°29	10°37	3°24	16° 9	27°46	4°15	16°R25	16°58	12°12	n.a.	M26
T 27	15 57 54	29°36'41	11♍46	23°50	17°29	11° 2	10°45	3°19	16°11	27°45	4°17	16°24	16°54	12°18	n.a.	T 27
W28	16 1 50	0♊33'47	25° 8	25°10	18°35	11°35	10°53	3°15	16°14	27°44	4°18	16°22	16°51	12°25	n.a.	W28
T 29	16 5 47	1°30'53	8♎17	26°27	19°43	12° 8	11° 1	3°11	16°17	27°42	4°20	16°18	16°48	12°32	n.a.	T 29
F 30	16 9 44	2°27'58	21°12	27°42	20°50	12°41	11° 8	3° 6	16°20	27°41	4°21	16°11	16°45	12°38	n.a.	F 30
S 31	16 13 40	3♊25'03	3♏55	28♊54	21♈57	13♌15	11♌16	3♐ 2	16♋23	27♐39	4♊23	16♌ 1	16♌42	12♑45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	13n17	3n38	3n11	14n 5	0n30	5s40	1s33	22n39	1n47	19n41	1n18	19s58	1n27	23n24	0n33	23s 2	0n41	16n43	4s30	15n17	15n32	20s10			n.a.
F 2	13 37	0s55	3 59	14 58	0 40	5 18	1 37	22 32	1 46	19 40	1 18	19 58	1 27	23 24	0 33	23 2	0 41	16 43	4 30	15 19	15 33	20 10			n.a.
S 3	13 56	5 21	4 34	15 50	0 50	4 56	1 40	22 25	1 45	19 39	1 18	19 57	1 27	23 23	0 33	23 2	0 41	16 44	4 30	15 22	15 34	20 10			n.a.
S 4	14 15	9 29	4 55	16 40	0 59	4 34	1 43	22 17	1 44	19 37	1 17	19 56	1 27	23 23	0 33	23 2	0 41	16 44	4 30	15 26	15 35	20 11			n.a.
M 5	14 33	13 7	5 0	17 28	1 8	4 11	1 46	22 10	1 43	19 36	1 17	19 56	1 27	23 23	0 33	23 2	0 41	16 44	4 30	15 30	15 36	20 11			n.a.
T 6	14 52	16 7	4 52	18 14	1 17	3 49	1 49	22 2	1 41	19 35	1 17	19 55	1 27	23 23	0 33	23 2	0 41	16 45	4 30	15 34	15 37	20 11			n.a.
W 7	15 10	18 22	4 30	18 58	1 24	3 26	1 51	21 55	1 40	19 33	1 17	19 54	1 27	23 22	0 33	23 2	0 41	16 45	4 30	15 37	15 38	20 11			n.a.
T 8	15 28	19 46	3 56	19 40	1 32	3 2	1 54	21 47	1 39	19 32	1 17	19 54	1 27	23 22	0 33	23 2	0 41	16 45	4 30	15 40	15 39	20 11			n.a.
F 9	15 46	20 16	3 12	20 19	1 38	2 39	1 56	21 39	1 38	19 30	1 17	19 53	1 27	23 22	0 33	23 2	0 41	16 46	4 30	15 42	15 40	20 12			n.a.
S 10	16 3	19 53	2 20	20 56	1 44	2 15	1 59	21 31	1 36	19 29	1 16	19 52	1 27	23 22	0 33	23 2	0 41	16 46	4 30	15 43	15 41	20 12			n.a.
S 11	16 21	18 37	1 21	21 30	1 50	1 51	2 1	21 22	1 35	19 27	1 16	19 52	1 27	23 21	0 32	23 2	0 41	16 46	4 29	15 44	15 42	20 12			n.a.
M12	16 38	16 31	0 19	22 2	1 54	1 27	2 3	21 14	1 34	19 25	1 16	19 51	1 27	23 21	0 32	23 2	0 41	16 47	4 29	15 44	15 43	20 12			n.a.
T 13	16 54	13 40	0s45	22 31	1 58	1 3	2 5	21 6	1 33	19 24	1 16	19 50	1 27	23 21	0 32	23 2	0 41	16 47	4 29	15 44	15 44	20 12			n.a.
W14	17 11	10 9	1 48	22 57	2 2	0 39	2 6	20 57	1 32	19 22	1 16	19 49	1 27	23 20	0 32	23 2	0 41	16 47	4 29	15 44	15 45	20 12			n.a.
T 15	17 27	6 5	2 48	23 21	2 4	0 14	2 8	20 48	1 31	19 20	1 16	19 49	1 27	23 20	0 32	23 2	0 41	16 48	4 29	15 45	15 46	20 13			n.a.
F 16	17 43	1 37	3 40	23 43	2 6	0n10	2 10	20 40	1 29	19 18	1 15	19 48	1 27	23 20	0 32	23 2	0 41	16 48	4 29	15 46	15 47	20 13			n.a.
S 17	17 59	3n 5	4 22	24 2	2 7	0 35	2 11	20 31	1 28	19 17	1 15	19 47	1 27	23 19	0 32	23 2	0 41	16 48	4 29	15 49	15 48	20 13			n.a.
S 18	18 14	7 45	4 50	24 19	2 7	1 0	2 12	20 22	1 27	19 15	1 15	19 46	1 27	23 19	0 32	23 2	0 41	16 49	4 29	15 52	15 49	20 13			n.a.
M19	18 29	12 8	5 1	24 33	2 7	1 25	2 14	20 13	1 26	19 13	1 15	19 46	1 27	23 19	0 32	23 2	0 41	16 49	4 29	15 55	15 50	20 13			n.a.
T 20	18 44	15 51	4 52	24 46	2 6	1 50	2 15	20 3	1 25	19 11	1 15	19 45	1 27	23 19	0 32	23 2	0 41	16 50	4 29	15 59	15 51	20 13			n.a.
W21	18 59	18 37	4 23	24 56	2 4	2 16	2 16	19 54	1 24	19 9	1 15	19 44	1 27	23 18	0 32	23 2	0 41	16 50	4 29	16 2	15 52	20 14			n.a.
T 22	19 13	20 7	3 37	25 4	2 2	2 41	2 16	19 44	1 23	19 7	1 15	19 43	1 27	23 18	0 32	23 2	0 41	16 50	4 29	16 4	15 53	20 14			n.a.
F 23	19 27	20 14	2 36	25 10	1 59	3 6	2 17	19 35	1 22	19 5	1 14	19 43	1 27	23 18	0 32	23 2	0 41	16 51	4 29	16 6	15 54	20 14			n.a.
S 24	19 40	19 0	1 26	25 14	1 55	3 32	2 18	19 25	1 20	19 3	1 14	19 42	1 27	23 17	0 32	23 2	0 41	16 51	4 28	16 6	15 55	20 14			n.a.
S 25	19 53	16 35	0 12	25 16	1 51	3 57	2 18	19 15	1 19	19 0	1 14	19 41	1 27	23 17	0 32	23 2	0 41	16 51	4 28	16 7	15 56	20 14			n.a.
M26	20 6	13 14	1n 2	25 16	1 46	4 23	2 19	19 5	1 18	18 58	1 14	19 40	1 27	23 17	0 32	23 2	0 41	16 52	4 28	16 7	15 57	20 14			n.a.
T 27	20 19	9 14	2 10	25 15	1 40	4 48	2 19	18 55	1 17	18 56	1 14	19 40	1 27	23 16	0 32	23 2	0 41	16 52	4 28	16 7	15 58	20 14			n.a.
W28	20 31	4 51	3 10	25 12	1 34	5 14	2 19	18 44	1 16	18 54	1 14	19 39	1 27	23 16	0 32	23 2	0 41	16 52	4 28	16 7	15 58	20 14			n.a.
T 29	20 43	0 19	3 59	25 8	1 27	5 39	2 19	18 34	1 15	18 51	1 14	19 38	1 27	23 15	0 32	23 1	0 41	16 53	4 28	16 9	15 59	20 15			n.a.
F 30	20 54	4s 8	4 34	25 2	1 19	6 5	2 19	18 23	1 14	18 49	1 13	19 37	1 26	23 15	0 32	23 1	0 41	16 53	4 28	16 11	16 0	20 15			n.a.
S 31	21n 6	8s21	4n55	24n55	1n11	6n30	2s19	18n13	1n13	18n47	1n13	19s36	1n26	23n15	0n32	23s 1	0n41	16n53	4s28	16n14	16n 1	20s15			n.a.

Julian Day Number = 1608315.5, Delta T = 03h54m51s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'49, Lahiri = - 8°13'49 Julian Calendar 1 May 310 BCE == Greg. Calendar 26 Apr. 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

JUNE 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 17 37	4♊22'08	16♏27	0♋ 3	23♈ 5	13♌48	11♌25	2°R57	16♋26	27°R38	4♊24	15°R50	16♌39	12♑52	n.a.	S 1
M 2	16 21 33	5°19'13	28°49	1° 9	24°12	14°22	11°33	2♐53	16°29	27♐36	4°26	15♌38	16°35	12°58	n.a.	M 2
T 3	16 25 30	6°16'18	11♐ 1	2°12	25°20	14°56	11°41	2°49	16°32	27°35	4°27	15°26	16°32	13° 5	n.a.	T 3
W 4	16 29 26	7°13'24	23° 4	3°12	26°28	15°30	11°50	2°44	16°35	27°33	4°29	15°15	16°29	13°12	n.a.	W 4
T 5	16 33 23	8°10'29	5♑ 0	4° 9	27°36	16° 4	11°58	2°40	16°38	27°32	4°30	15° 6	16°26	13°18	n.a.	T 5
F 6	16 37 19	9° 7'35	16°50	5° 3	28°44	16°38	12° 7	2°35	16°41	27°30	4°32	15° 0	16°23	13°25	n.a.	F 6
S 7	16 41 16	10° 4'41	28°38	5°53	29°52	17°12	12°16	2°31	16°44	27°29	4°33	14°57	16°19	13°32	n.a.	S 7
S 8	16 45 13	11° 1'47	10♒27	6°40	1♉ 0	17°47	12°25	2°27	16°47	27°27	4°35	14°D56	16°16	13°38	n.a.	S 8
M 9	16 49 9	11°58'54	22°21	7°23	2° 9	18°21	12°34	2°22	16°51	27°26	4°36	14°56	16°13	13°45	n.a.	M 9
T 10	16 53 6	12°56'02	4♓26	8° 3	3°17	18°56	12°43	2°18	16°54	27°24	4°38	14°56	16°10	13°52	n.a.	T 10
W11	16 57 2	13°53'10	16°47	8°39	4°26	19°31	12°52	2°14	16°57	27°23	4°39	14°R56	16° 7	13°58	n.a.	W11
T 12	17 0 59	14°50'18	29°28	9°10	5°34	20° 6	13° 2	2°10	17° 0	27°21	4°40	14°55	16° 4	14° 5	n.a.	T 12
F 13	17 4 55	15°47'28	12♈35	9°38	6°43	20°41	13°11	2° 5	17° 4	27°20	4°42	14°52	16° 0	14°12	n.a.	F 13
S 14	17 8 52	16°44'38	26° 9	10° 1	7°52	21°16	13°21	2° 1	17° 7	27°18	4°43	14°47	15°57	14°18	n.a.	S 14
S 15	17 12 48	17°41'49	10♉13	10°20	9° 1	21°51	13°30	1°57	17°10	27°16	4°45	14°40	15°54	14°25	n.a.	S 15
M16	17 16 45	18°39'00	24°43	10°34	10°10	22°26	13°40	1°53	17°14	27°15	4°46	14°32	15°51	14°32	n.a.	M16
T 17	17 20 42	19°36'12	9♊35	10°44	11°20	23° 2	13°50	1°49	17°17	27°13	4°48	14°24	15°48	14°38	n.a.	T 17
W18	17 24 38	20°33'25	24°40	10°R48	12°29	23°37	14° 0	1°45	17°20	27°12	4°49	14°16	15°45	14°45	n.a.	W18
T 19	17 28 35	21°30'39	9♋48	10°48	13°38	24°13	14°10	1°41	17°24	27°10	4°51	14°10	15°41	14°52	n.a.	T 19
F 20	17 32 31	22°27'53	24°50	10°43	14°48	24°49	14°20	1°37	17°27	27° 8	4°52	14° 7	15°38	14°58	n.a.	F 20
S 21	17 36 28	23°25'08	9♌38	10°33	15°57	25°25	14°30	1°33	17°31	27° 7	4°53	14°D 5	15°35	15° 5	n.a.	S 21
S 22	17 40 24	24°22'23	24° 6	10°18	17° 7	26° 1	14°40	1°29	17°34	27° 5	4°55	14° 6	15°32	15°12	n.a.	S 22
M23	17 44 21	25°19'38	8♍11	9°59	18°17	26°37	14°51	1°25	17°38	27° 3	4°56	14° 7	15°29	15°18	n.a.	M23
T 24	17 48 18	26°16'54	21°54	9°34	19°27	27°13	15° 1	1°21	17°41	27° 2	4°58	14°R 8	15°25	15°25	n.a.	T 24
W25	17 52 14	27°14'10	5♎14	9° 6	20°36	27°49	15°12	1°18	17°45	27° 0	4°59	14° 7	15°22	15°32	n.a.	W25
T 26	17 56 11	28°11'27	18°15	8°33	21°46	28°26	15°22	1°14	17°48	26°59	5° 0	14° 5	15°19	15°38	n.a.	T 26
F 27	18 0 7	29° 8'44	0♏59	7°57	22°57	29° 2	15°33	1°10	17°52	26°57	5° 2	14° 2	15°16	15°45	n.a.	F 27
S 28	18 4 4	0♋ 6'02	13°30	7°18	24° 7	29°39	15°44	1° 7	17°56	26°55	5° 3	13°56	15°13	15°52	n.a.	S 28
S 29	18 8 0	1° 3'21	25°48	6°36	25°17	0♍16	15°54	1° 3	17°59	26°54	5° 5	13°49	15°10	15°58	n.a.	S 29
M30	18 11 57	2♋ 0'41	7♐57	5♋52	26♉27	0♍52	16♌ 5	1♐ 0	18♋ 3	26♐52	5♊ 6	13♌41	15♌ 6	16♑ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n16	12s 9	5n 2	24n47	1n 3	6n56	2s19	18n 2	1n12	18n44	1n13	19s36	1n26	23n14	0n32	23s 1	0n41	16n53	4s28	16n17	16n 2	20s15		n.a.
M 2	21 27	15 22	4 54	24 37	0 54	7 21	2 18	17 51	1 11	18 42	1 13	19 35	1 26	23 14	0 32	23 1	0 41	16 54	4 28	16 21	16 3	20 15		n.a.
T 3	21 37	17 52	4 33	24 27	0 44	7 47	2 18	17 40	1 10	18 39	1 13	19 34	1 26	23 14	0 32	23 1	0 41	16 54	4 28	16 24	16 4	20 15		n.a.
W 4	21 47	19 34	3 59	24 15	0 34	8 12	2 17	17 29	1 9	18 37	1 13	19 33	1 26	23 13	0 32	23 1	0 41	16 54	4 28	16 28	16 5	20 15		n.a.
T 5	21 56	20 22	3 16	24 3	0 23	8 37	2 17	17 17	1 8	18 34	1 13	19 33	1 26	23 13	0 32	23 1	0 41	16 55	4 28	16 30	16 6	20 15		n.a.
F 6	22 5	20 17	2 24	23 50	0 12	9 2	2 16	17 6	1 7	18 32	1 12	19 32	1 26	23 12	0 32	23 1	0 41	16 55	4 28	16 32	16 7	20 15		n.a.
S 7	22 14	19 17	1 26	23 36	0s 0	9 27	2 15	16 55	1 6	18 29	1 12	19 31	1 26	23 12	0 32	23 1	0 41	16 55	4 28	16 33	16 8	20 15		n.a.
S 8	22 22	17 27	0 24	23 21	0 12	9 52	2 14	16 43	1 5	18 26	1 12	19 30	1 26	23 12	0 32	23 1	0 41	16 56	4 28	16 33	16 9	20 15		n.a.
M 9	22 30	14 51	0s40	23 7	0 25	10 17	2 13	16 31	1 4	18 24	1 12	19 30	1 26	23 11	0 32	23 1	0 41	16 56	4 28	16 33	16 10	20 15		n.a.
T 10	22 38	11 35	1 43	22 51	0 38	10 41	2 12	16 19	1 3	18 21	1 12	19 29	1 25	23 11	0 32	23 1	0 41	16 56	4 28	16 33	16 11	20 16		n.a.
W11	22 45	7 46	2 42	22 36	0 51	11 6	2 11	16 7	1 2	18 18	1 12	19 28	1 25	23 10	0 32	23 1	0 41	16 57	4 28	16 33	16 12	20 16		n.a.
T 12	22 51	3 30	3 35	22 20	1 5	11 30	2 10	15 55	1 1	18 15	1 12	19 27	1 25	23 10	0 32	23 1	0 41	16 57	4 27	16 33	16 13	20 16		n.a.
F 13	22 58	1n 4	4 19	22 4	1 19	11 54	2 9	15 43	1 0	18 12	1 12	19 27	1 25	23 9	0 32	23 1	0 41	16 57	4 27	16 34	16 14	20 16		n.a.
S 14	23 4	5 43	4 50	21 48	1 33	12 18	2 7	15 31	0 59	18 10	1 11	19 26	1 25	23 9	0 32	23 1	0 41	16 57	4 27	16 36	16 15	20 16		n.a.
S 15	23 9	10 14	5 5	21 32	1 47	12 42	2 6	15 18	0 58	18 7	1 11	19 25	1 25	23 9	0 32	23 1	0 41	16 58	4 27	16 38	16 16	20 16		n.a.
M16	23 14	14 19	5 1	21 17	2 2	13 5	2 4	15 6	0 57	18 4	1 11	19 24	1 25	23 8	0 32	23 1	0 41	16 58	4 27	16 40	16 17	20 16		n.a.
T 17	23 19	17 35	4 37	21 1	2 16	13 28	2 3	14 53	0 56	18 1	1 11	19 24	1 25	23 8	0 32	23 1	0 41	16 58	4 27	16 43	16 18	20 16		n.a.
W18	23 23	19 44	3 54	20 47	2 31	13 51	2 1	14 40	0 55	17 58	1 11	19 23	1 25	23 7	0 32	23 1	0 41	16 59	4 27	16 45	16 19	20 16		n.a.
T 19	23 27	20 29	2 54	20 32	2 45	14 14	1 59	14 27	0 54	17 55	1 11	19 22	1 24	23 7	0 32	23 1	0 41	16 59	4 27	16 47	16 20	20 16		n.a.
F 20	23 31	19 45	1 42	20 19	3 0	14 36	1 57	14 14	0 53	17 52	1 11	19 22	1 24	23 6	0 32	23 1	0 41	16 59	4 27	16 48	16 21	20 16		n.a.
S 21	23 34	17 40	0 24	20 6	3 13	14 58	1 55	14 1	0 52	17 48	1 11	19 21	1 24	23 6	0 32	23 1	0 41	16 59	4 27	16 48	16 22	20 16		n.a.
S 22	23 37	14 30	0n54	19 53	3 27	15 20	1 53	13 48	0 51	17 45	1 11	19 20	1 24	23 5	0 32	23 1	0 41	17 0	4 27	16 48	16 22	20 16		n.a.
M23	23 39	10 33	2 6	19 42	3 39	15 42	1 51	13 35	0 50	17 42	1 11	19 20	1 24	23 5	0 32	23 1	0 41	17 0	4 27	16 48	16 23	20 16		n.a.
T 24	23 41	6 9	3 10	19 32	3 51	16 3	1 49	13 21	0 49	17 39	1 10	19 19	1 24	23 4	0 32	23 1	0 41	17 0	4 27	16 47	16 24	20 16		n.a.
W25	23 42	1 34	4 1	19 23	4 2	16 24	1 47	13 8	0 48	17 36	1 10	19 18	1 24	23 4	0 32	23 1	0 41	17 1	4 27	16 48	16 25	20 16		n.a.
T 26	23 43	2s57	4 38	19 15	4 12	16 44	1 45	12 54	0 47	17 32	1 10	19 18	1 23	23 3	0 32	23 1	0 41	17 1	4 27	16 48	16 26	20 16		n.a.
F 27	23 44	7 16	5 1	19 8	4 21	17 5	1 43	12 40	0 46	17 29	1 10	19 17	1 23	23 3	0 32	23 1	0 41	17 1	4 27	16 49	16 27	20 16		n.a.
S 28	23 44	11 10	5 9	19 3	4 29	17 24	1 40	12 26	0 45	17 26	1 10	19 17	1 23	23 3	0 32	23 1	0 41	17 1	4 27	16 51	16 28	20 16		n.a.
S 29	23 44	14 33	5 2	18 59	4 35	17 44	1 38	12 12	0 44	17 22	1 10	19 16	1 23	23 2	0 32	23 1	0 41	17 2	4 27	16 53	16 29	20 16		n.a.
M30	23n43	17s16	4n42	18n57	4s39	18n 3	1s36	11n58	0n44	17n19	1n10	19s15	1n23	23n 2	0n32	23s 1	0n41	17n 2	4s27	16n55	16n30	20s16		n.a.

Julian Day Number = 1608346.5, Delta T = 03h54m50s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'45, Lahiri = - 8°13'44 Julian Calendar 1 June 310 BCE == Greg. Calendar 27 May 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

JULY 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 15 53	2♋58'01	19♐58	5°R 7	27♉38	1♍29	16♎16	0°R56	18♋ 6	26°R50	5♊ 7	13°R34	15♎ 3	16♑12	n.a.	T 1
W 2	18 19 50	3°55'23	1♑53	4♋22	28°48	2° 6	16°27	0♐53	18°10	26♐49	5° 9	13♎27	15° 0	16°18	n.a.	W 2
T 3	18 23 47	4°52'46	13°44	3°37	29°59	2°43	16°38	0°50	18°14	26°47	5°10	13°22	14°57	16°25	n.a.	T 3
F 4	18 27 43	5°50'09	25°32	2°54	1♊ 9	3°21	16°50	0°47	18°17	26°46	5°11	13°19	14°54	16°32	n.a.	F 4
S 5	18 31 40	6°47'34	7♒21	2°12	2°20	3°58	17° 1	0°44	18°21	26°44	5°13	13°17	14°51	16°38	n.a.	S 5
S 6	18 35 36	7°45'00	19°12	1°34	3°31	4°35	17°12	0°40	18°25	26°42	5°14	13°D17	14°47	16°45	n.a.	S 6
M 7	18 39 33	8°42'28	1♓ 9	0°59	4°42	5°13	17°24	0°37	18°28	26°41	5°15	13°18	14°44	16°52	n.a.	M 7
T 8	18 43 29	9°39'56	13°16	0°29	5°53	5°50	17°35	0°35	18°32	26°39	5°16	13°20	14°41	16°58	n.a.	T 8
W 9	18 47 26	10°37'27	25°37	0° 4	7° 4	6°28	17°46	0°32	18°36	26°38	5°18	13°22	14°38	17° 5	n.a.	W 9
T 10	18 51 22	11°34'58	8♈17	29♊44	8°15	7° 6	17°58	0°29	18°39	26°36	5°19	13°R22	14°35	17°12	n.a.	T 10
F 11	18 55 19	12°32'32	21°20	29°31	9°26	7°44	18°10	0°26	18°43	26°35	5°20	13°22	14°31	17°18	n.a.	F 11
S 12	18 59 16	13°30'06	4♉49	29°24	10°38	8°22	18°21	0°24	18°47	26°33	5°21	13°21	14°28	17°25	n.a.	S 12
S 13	19 3 12	14°27'43	18°46	29°D24	11°49	9° 0	18°33	0°21	18°51	26°32	5°23	13°18	14°25	17°32	n.a.	S 13
M14	19 7 9	15°25'21	3♊10	29°30	13° 0	9°38	18°45	0°19	18°54	26°30	5°24	13°14	14°22	17°38	n.a.	M14
T 15	19 11 5	16°23'01	17°57	29°44	14°12	10°16	18°57	0°16	18°58	26°29	5°25	13°11	14°19	17°45	n.a.	T 15
W16	19 15 2	17°20'43	3♋ 2	0♋ 6	15°23	10°54	19° 9	0°14	19° 2	26°27	5°26	13° 7	14°16	17°52	n.a.	W16
T 17	19 18 58	18°18'26	18°15	0°34	16°35	11°33	19°21	0°12	19° 5	26°26	5°27	13° 5	14°12	17°58	n.a.	T 17
F 18	19 22 55	19°16'10	3♎26	1°10	17°47	12°11	19°33	0° 9	19° 9	26°24	5°28	13° 3	14° 9	18° 5	n.a.	F 18
S 19	19 26 51	20°13'56	18°26	1°52	18°59	12°50	19°45	0° 7	19°13	26°23	5°29	13°D 3	14° 6	18°12	n.a.	S 19
S 20	19 30 48	21°11'43	3♍ 7	2°42	20°10	13°28	19°57	0° 5	19°17	26°21	5°31	13° 4	14° 3	18°18	n.a.	S 20
M21	19 34 45	22° 9'31	17°24	3°39	21°22	14° 7	20° 9	0° 4	19°20	26°20	5°32	13° 5	14° 0	18°25	n.a.	M21
T 22	19 38 41	23° 7'21	1♎16	4°42	22°34	14°46	20°21	0° 2	19°24	26°18	5°33	13° 7	13°57	18°32	n.a.	T 22
W23	19 42 38	24° 5'12	14°42	5°52	23°46	15°25	20°33	0° 0	19°28	26°17	5°34	13° 8	13°53	18°38	n.a.	W23
T 24	19 46 34	25° 3'04	27°44	7° 7	24°59	16° 4	20°46	29♏58	19°32	26°16	5°35	13°R 8	13°50	18°45	n.a.	T 24
F 25	19 50 31	26° 0'58	10♏25	8°28	26°11	16°43	20°58	29°57	19°35	26°14	5°36	13° 7	13°47	18°52	n.a.	F 25
S 26	19 54 27	26°58'53	22°49	9°55	27°23	17°22	21°10	29°56	19°39	26°13	5°37	13° 6	13°44	18°58	n.a.	S 26
S 27	19 58 24	27°56'49	5♐ 0	11°26	28°35	18° 2	21°23	29°54	19°43	26°12	5°38	13° 4	13°41	19° 5	n.a.	S 27
M28	20 2 20	28°54'47	17° 1	13° 2	29°48	18°41	21°35	29°53	19°46	26°10	5°39	13° 2	13°37	19°12	n.a.	M28
T 29	20 6 17	29°52'47	28°55	14°42	1♋ 0	19°21	21°48	29°52	19°50	26° 9	5°40	13° 0	13°34	19°18	n.a.	T 29
W30	20 10 14	0♎50'48	10♑45	16°26	2°13	20° 0	22° 0	29°51	19°54	26° 8	5°41	12°58	13°31	19°25	n.a.	W30
T 31	20 14 10	1♎48'51	22♑34	18♋12	3♋25	20♍40	22♎13	29♏50	19♋57	26♐ 6	5♊42	12♎57	13♎28	19♑32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n42	19s12	4n 9	18n56	4s42	18n21	1s33	11n44	0n43	17n16	1n10	19s15	1n23	23n 1	0n32	23s 1	0n41	17n 2	4s27	16n57	16n31	20s16			n.a.
W 2	23 40	20 17	3 26	18 56	4 43	18 40	1 31	11 30	0 42	17 12	1 10	19 14	1 23	23 1	0 32	23 1	0 41	17 2	4 27	16 59	16 32	20 16			n.a.
T 3	23 38	20 28	2 34	18 58	4 43	18 57	1 28	11 16	0 41	17 9	1 10	19 14	1 22	23 0	0 32	23 1	0 41	17 3	4 27	17 1	16 33	20 16			n.a.
F 4	23 36	19 44	1 35	19 2	4 40	19 15	1 26	11 1	0 40	17 5	1 10	19 13	1 22	23 0	0 32	23 1	0 41	17 3	4 27	17 2	16 34	20 16			n.a.
S 5	23 33	18 8	0 32	19 7	4 36	19 32	1 23	10 47	0 39	17 2	1 10	19 13	1 22	22 59	0 32	23 1	0 41	17 3	4 27	17 2	16 35	20 16			n.a.
S 6	23 30	15 45	0s32	19 13	4 30	19 48	1 20	10 32	0 38	16 58	1 9	19 12	1 22	22 59	0 32	23 1	0 41	17 3	4 27	17 2	16 36	20 16			n.a.
M 7	23 26	12 42	1 36	19 21	4 22	20 4	1 18	10 17	0 37	16 55	1 9	19 12	1 22	22 58	0 32	23 1	0 41	17 3	4 27	17 2	16 37	20 16			n.a.
T 8	23 22	9 4	2 37	19 30	4 13	20 19	1 15	10 2	0 36	16 51	1 9	19 11	1 22	22 58	0 32	23 1	0 41	17 4	4 27	17 1	16 38	20 16			n.a.
W 9	23 18	4 59	3 31	19 41	4 3	20 34	1 12	9 48	0 35	16 47	1 9	19 11	1 21	22 57	0 32	23 0	0 41	17 4	4 27	17 1	16 39	20 16			n.a.
T 10	23 13	0 36	4 17	19 53	3 51	20 48	1 9	9 33	0 34	16 44	1 9	19 11	1 21	22 57	0 32	23 0	0 41	17 4	4 27	17 1	16 39	20 15			n.a.
F 11	23 8	3n56	4 51	20 6	3 38	21 2	1 7	9 18	0 34	16 40	1 9	19 10	1 21	22 56	0 32	23 0	0 41	17 4	4 27	17 1	16 40	20 15			n.a.
S 12	23 2	8 25	5 10	20 19	3 24	21 16	1 4	9 2	0 33	16 36	1 9	19 10	1 21	22 55	0 32	23 0	0 41	17 4	4 27	17 1	16 41	20 15			n.a.
S 13	22 56	12 37	5 12	20 34	3 10	21 28	1 1	8 47	0 32	16 33	1 9	19 9	1 21	22 55	0 32	23 0	0 41	17 5	4 27	17 2	16 42	20 15			n.a.
M14	22 50	16 13	4 55	20 49	2 54	21 41	0 58	8 32	0 31	16 29	1 9	19 9	1 21	22 54	0 32	23 0	0 41	17 5	4 27	17 3	16 43	20 15			n.a.
T 15	22 43	18 54	4 18	21 5	2 39	21 52	0 55	8 16	0 30	16 25	1 9	19 9	1 20	22 54	0 32	23 0	0 41	17 5	4 27	17 4	16 44	20 15			n.a.
W16	22 35	20 19	3 23	21 21	2 22	22 3	0 52	8 1	0 29	16 21	1 9	19 8	1 20	22 53	0 32	23 0	0 41	17 5	4 27	17 5	16 45	20 15			n.a.
T 17	22 28	20 17	2 12	21 38	2 6	22 14	0 49	7 45	0 28	16 17	1 9	19 8	1 20	22 53	0 32	23 0	0 41	17 5	4 27	17 6	16 46	20 15			n.a.
F 18	22 20	18 46	0 53	21 54	1 50	22 23	0 46	7 30	0 27	16 13	1 9	19 8	1 20	22 52	0 32	23 0	0 41	17 6	4 27	17 6	16 47	20 15			n.a.
S 19	22 11	15 57	0n30	22 10	1 33	22 33	0 43	7 14	0 27	16 10	1 9	19 8	1 20	22 52	0 32	23 0	0 41	17 6	4 27	17 6	16 48	20 15			n.a.
S 20	22 2	12 10	1 49	22 25	1 17	22 41	0 40	6 58	0 26	16 6	1 9	19 7	1 19	22 51	0 32	23 0	0 41	17 6	4 27	17 6	16 49	20 15			n.a.
M21	21 53	7 46	2 58	22 40	1 1	22 49	0 38	6 42	0 25	16 2	1 9	19 7	1 19	22 51	0 32	23 0	0 41	17 6	4 27	17 6	16 50	20 14			n.a.
T 22	21 43	3 5	3 56	22 54	0 45	22 57	0 35	6 26	0 24	15 58	1 9	19 7	1 19	22 50	0 32	23 0	0 41	17 6	4 27	17 5	16 51	20 14			n.a.
W23	21 33	1s35	4 38	23 6	0 30	23 3	0 32	6 10	0 23	15 54	1 9	19 7	1 19	22 50	0 32	23 0	0 40	17 6	4 27	17 5	16 52	20 14			n.a.
T 24	21 23	6 3	5 5	23 17	0 15	23 9	0 29	5 54	0 22	15 50	1 9	19 7	1 19	22 49	0 32	23 0	0 40	17 7	4 27	17 5	16 53	20 14			n.a.
F 25	21 12	10 8	5 16	23 26	0 1	23 15	0 26	5 38	0 21	15 46	1 8	19 6	1 19	22 49	0 32	23 0	0 40	17 7	4 27	17 5	16 53	20 14			n.a.
S 26	21 1	13 41	5 12	23 33	0n12	23 20	0 23	5 22	0 21	15 42	1 8	19 6	1 18	22 48	0 32	23 0	0 40	17 7	4 27	17 5	16 54	20 14			n.a.
S 27	20 49	16 35	4 53	23 38	0 24	23 24	0 20	5 5	0 20	15 38	1 8	19 6	1 18	22 48	0 32	23 0	0 40	17 7	4 27	17 6	16 55	20 14			n.a.
M28	20 38	18 44	4 23	23 41	0 36	23 27	0 17	4 49	0 19	15 33	1 8	19 6	1 18	22 47	0 32	23 0	0 40	17 7	4 27	17 7	16 56	20 14			n.a.
T 29	20 25	20 3	3 41	23 41	0 47	23 30	0 14	4 33	0 18	15 29	1 8	19 6	1 18	22 46	0 32	23 0	0 40	17 7	4 27	17 7	16 57	20 13			n.a.
W30	20 13	20 29	2 49	23 39	0 57	23 32	0 11	4 16	0 17	15 25	1 8	19 6	1 18	22 46	0 32	23 0	0 40	17 7	4 28	17 8	16 58	20 13			n.a.
T 31	20n 0	20s 0	1n51	23n34	1n 6	23n33	0s 8	4n 0	0n16	15n21	1n 8	19s 6	1n17	22n45	0n32	23s 0	0n40	17n 8	4s28	17n 8	16n59	20s13			n.a.

Julian Day Number = 1608376.5, Delta T = 03h54m49s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'41, Lahiri = - 8°13'40 Julian Calendar 1 July 310 BCE == Greg. Calendar 26 June 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

AUGUST 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 18 7	2♌46'55	4♒23	20♋ 1	4♋38	21♍19	22♌25	29°R49	20♋ 1	26°R 5	5♊43	12°R56	13♌25	19♑38	n.a.	F 1
S 2	20 22 3	3°45'02	16°16	21°52	5°51	21°59	22°38	29♏48	20° 5	26♐ 4	5°43	12°D56	13°22	19°45	n.a.	S 2
S 3	20 26 0	4°43'10	28°14	23°45	7° 3	22°39	22°51	29°47	20° 8	26° 3	5°44	12♌56	13°18	19°51	n.a.	S 3
M 4	20 29 56	5°41'20	10♓19	25°39	8°16	23°19	23° 3	29°47	20°12	26° 2	5°45	12°57	13°15	19°58	n.a.	M 4
T 5	20 33 53	6°39'32	22°35	27°34	9°29	23°59	23°16	29°46	20°16	26° 0	5°46	12°58	13°12	20° 5	n.a.	T 5
W 6	20 37 49	7°37'46	5♈ 3	29°30	10°42	24°39	23°29	29°46	20°19	25°59	5°47	12°58	13° 9	20°11	n.a.	W 6
T 7	20 41 46	8°36'02	17°47	1♌26	11°55	25°19	23°42	29°46	20°23	25°58	5°48	12°59	13° 6	20°18	n.a.	T 7
F 8	20 45 43	9°34'21	0♉50	3°22	13° 8	26° 0	23°54	29°45	20°26	25°57	5°48	12°59	13° 3	20°25	n.a.	F 8
S 9	20 49 39	10°32'41	14°14	5°18	14°21	26°40	24° 7	29°45	20°30	25°56	5°49	12°R59	12°59	20°31	n.a.	S 9
S 10	20 53 36	11°31'04	28° 2	7°14	15°35	27°20	24°20	29°D45	20°34	25°55	5°50	12°59	12°56	20°38	n.a.	S 10
M11	20 57 32	12°29'30	12♊12	9° 9	16°48	28° 1	24°33	29°45	20°37	25°54	5°51	12°D59	12°53	20°45	n.a.	M11
T 12	21 1 29	13°27'57	26°44	11° 3	18° 1	28°42	24°46	29°46	20°41	25°53	5°51	12°59	12°50	20°51	n.a.	T 12
W13	21 5 25	14°26'27	11♋34	12°57	19°15	29°22	24°59	29°46	20°44	25°52	5°52	12°59	12°47	20°58	n.a.	W13
T 14	21 9 22	15°24'59	26°35	14°50	20°28	0♎ 3	25°12	29°46	20°48	25°51	5°53	12°59	12°43	21° 5	n.a.	T 14
F 15	21 13 18	16°23'33	11♌39	16°42	21°42	0°44	25°24	29°47	20°51	25°50	5°53	12°R59	12°40	21°11	n.a.	F 15
S 16	21 17 15	17°22'09	26°38	18°33	22°55	1°25	25°37	29°47	20°55	25°50	5°54	12°59	12°37	21°18	n.a.	S 16
S 17	21 21 12	18°20'47	11♍24	20°23	24° 9	2° 6	25°50	29°48	20°58	25°49	5°54	12°59	12°34	21°25	n.a.	S 17
M18	21 25 8	19°19'27	25°49	22°13	25°22	2°47	26° 3	29°49	21° 1	25°48	5°55	12°58	12°31	21°31	n.a.	M18
T 19	21 29 5	20°18'09	9♎49	24° 1	26°36	3°28	26°16	29°50	21° 5	25°47	5°55	12°57	12°28	21°38	n.a.	T 19
W20	21 33 1	21°16'52	23°22	25°48	27°50	4° 9	26°29	29°51	21° 8	25°46	5°56	12°56	12°24	21°45	n.a.	W20
T 21	21 36 58	22°15'38	6♏30	27°34	29° 4	4°51	26°42	29°52	21°11	25°46	5°56	12°56	12°21	21°51	n.a.	T 21
F 22	21 40 54	23°14'25	19°14	29°19	0♌18	5°32	26°55	29°53	21°15	25°45	5°57	12°D55	12°18	21°58	n.a.	F 22
S 23	21 44 51	24°13'14	1♐38	1♍ 3	1°32	6°14	27° 8	29°54	21°18	25°44	5°57	12°55	12°15	22° 5	n.a.	S 23
S 24	21 48 47	25°12'05	13°47	2°47	2°46	6°55	27°21	29°55	21°21	25°44	5°58	12°56	12°12	22°11	n.a.	S 24
M25	21 52 44	26°10'58	25°44	4°29	4° 0	7°37	27°34	29°57	21°25	25°43	5°58	12°57	12° 8	22°18	n.a.	M25
T 26	21 56 40	27° 9'52	7♑35	6°10	5°14	8°19	27°47	29°58	21°28	25°42	5°59	12°58	12° 5	22°25	n.a.	T 26
W27	22 0 37	28° 8'49	19°23	7°50	6°28	9° 0	28° 0	0♐ 0	21°31	25°42	5°59	13° 0	12° 2	22°31	n.a.	W27
T 28	22 4 34	29° 7'48	1♒12	9°30	7°42	9°42	28°13	0° 2	21°34	25°41	5°59	13° 1	11°59	22°38	n.a.	T 28
F 29	22 8 30	0♍ 6'48	13° 6	11° 8	8°56	10°24	28°27	0° 4	21°37	25°41	6° 0	13°R 1	11°56	22°45	n.a.	F 29
S 30	22 12 27	1° 5'51	25° 6	12°46	10°10	11° 6	28°40	0° 6	21°40	25°40	6° 0	13° 1	11°53	22°51	n.a.	S 30
S 31	22 16 23	2♍ 4'55	7♓15	14♍23	11♌25	11♎48	28♌53	0♐ 8	21♋43	25♐40	6♊ 0	12♌59	11♌49	22♑58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n47	18s38	0n47	23n26	1n14	23n34	0s 5	3n43	0n16	15n17	1n 8	19s 6	1n17	22n45	0n32	23s 0	0n40	17n 8	4s28	17n 8	17n 0	20s13		n.a.
S 2	19 33	16 27	0s18	23 16	1 21	23 34	0 2	3 27	0 15	15 13	1 8	19 6	1 17	22 44	0 32	23 0	0 40	17 8	4 28	17 8	17 1	20 13		n.a.
S 3	19 19	13 33	1 24	23 3	1 28	23 33	0n 1	3 10	0 14	15 8	1 8	19 6	1 17	22 44	0 32	23 0	0 40	17 8	4 28	17 8	17 2	20 13		n.a.
M 4	19 5	10 3	2 26	22 48	1 33	23 32	0 3	2 53	0 13	15 4	1 8	19 6	1 17	22 43	0 32	23 0	0 40	17 8	4 28	17 8	17 3	20 13		n.a.
T 5	18 50	6 5	3 23	22 30	1 38	23 29	0 6	2 36	0 12	15 0	1 8	19 6	1 16	22 43	0 32	23 0	0 40	17 8	4 28	17 8	17 4	20 12		n.a.
W 6	18 35	1 48	4 11	22 9	1 41	23 27	0 9	2 20	0 12	14 56	1 8	19 6	1 16	22 42	0 32	23 0	0 40	17 8	4 28	17 8	17 4	20 12		n.a.
T 7	18 20	2n38	4 48	21 46	1 44	23 23	0 12	2 3	0 11	14 51	1 8	19 6	1 16	22 42	0 32	23 0	0 40	17 8	4 28	17 7	17 5	20 12		n.a.
F 8	18 4	7 3	5 11	21 22	1 46	23 19	0 15	1 46	0 10	14 47	1 8	19 7	1 16	22 41	0 32	23 0	0 40	17 8	4 28	17 7	17 6	20 12		n.a.
S 9	17 48	11 15	5 18	20 55	1 48	23 14	0 17	1 29	0 9	14 43	1 8	19 7	1 16	22 41	0 32	23 0	0 40	17 9	4 28	17 7	17 7	20 12		n.a.
S 10	17 32	14 58	5 7	20 26	1 48	23 8	0 20	1 12	0 8	14 39	1 8	19 7	1 15	22 40	0 32	23 0	0 40	17 9	4 28	17 7	17 8	20 11		n.a.
M11	17 16	17 57	4 38	19 55	1 48	23 2	0 23	0 55	0 8	14 34	1 8	19 7	1 15	22 40	0 32	23 0	0 40	17 9	4 28	17 7	17 9	20 11		n.a.
T 12	16 59	19 52	3 50	19 23	1 47	22 55	0 25	0 38	0 7	14 30	1 8	19 7	1 15	22 39	0 32	23 0	0 40	17 9	4 28	17 7	17 10	20 11		n.a.
W13	16 42	20 28	2 46	18 50	1 46	22 47	0 28	0 21	0 6	14 25	1 8	19 8	1 15	22 39	0 32	23 0	0 40	17 9	4 28	17 7	17 11	20 11		n.a.
T 14	16 25	19 37	1 30	18 15	1 44	22 39	0 30	0 3	0 5	14 21	1 8	19 8	1 15	22 38	0 32	23 0	0 40	17 9	4 28	17 7	17 12	20 11		n.a.
F 15	16 7	17 23	0 7	17 39	1 42	22 30	0 33	0s14	0 4	14 17	1 8	19 8	1 14	22 38	0 32	23 0	0 40	17 9	4 28	17 7	17 13	20 10		n.a.
S 16	15 49	13 58	1n15	17 1	1 39	22 20	0 35	0 31	0 4	14 12	1 8	19 9	1 14	22 37	0 32	23 0	0 40	17 9	4 28	17 7	17 14	20 10		n.a.
S 17	15 31	9 42	2 32	16 23	1 36	22 10	0 38	0 48	0 3	14 8	1 8	19 9	1 14	22 36	0 32	23 0	0 40	17 9	4 28	17 7	17 15	20 10		n.a.
M18	15 12	4 59	3 36	15 44	1 33	21 59	0 40	1 5	0 2	14 3	1 8	19 9	1 14	22 36	0 32	23 0	0 40	17 9	4 28	17 8	17 15	20 10		n.a.
T 19	14 54	0 8	4 26	15 4	1 29	21 47	0 43	1 23	0 1	13 59	1 8	19 10	1 14	22 35	0 32	23 0	0 40	17 9	4 28	17 8	17 16	20 9		n.a.
W20	14 35	4s34	4 59	14 24	1 24	21 35	0 45	1 40	0 0	13 54	1 8	19 10	1 14	22 35	0 33	23 0	0 40	17 9	4 28	17 8	17 17	20 9		n.a.
T 21	14 16	8 53	5 15	13 43	1 20	21 22	0 47	1 57	0s 0	13 50	1 8	19 10	1 13	22 34	0 33	23 0	0 40	17 9	4 28	17 8	17 18	20 9		n.a.
F 22	13 56	12 41	5 16	13 1	1 15	21 8	0 49	2 14	0 1	13 45	1 8	19 11	1 13	22 34	0 33	23 0	0 40	17 9	4 28	17 8	17 19	20 9		n.a.
S 23	13 37	15 50	5 1	12 19	1 9	20 54	0 51	2 32	0 2	13 41	1 8	19 11	1 13	22 33	0 33	23 0	0 40	17 9	4 29	17 8	17 20	20 9		n.a.
S 24	13 17	18 13	4 33	11 36	1 4	20 39	0 54	2 49	0 3	13 36	1 8	19 12	1 13	22 33	0 33	23 0	0 40	17 9	4 29	17 8	17 21	20 8		n.a.
M25	12 57	19 47	3 53	10 53	0 58	20 24	0 56	3 6	0 3	13 32	1 8	19 12	1 13	22 32	0 33	23 0	0 40	17 9	4 29	17 8	17 22	20 8		n.a.
T 26	12 36	20 27	3 4	10 10	0 52	20 7	0 58	3 24	0 4	13 27	1 8	19 13	1 12	22 32	0 33	23 0	0 40	17 9	4 29	17 8	17 23	20 8		n.a.
W27	12 16	20 13	2 7	9 27	0 46	19 51	1 0	3 41	0 5	13 23	1 9	19 13	1 12	22 31	0 33	23 0	0 39	17 9	4 29	17 7	17 24	20 7		n.a.
T 28	11 55	19 5	1 5	8 43	0 40	19 33	1 1	3 59	0 6	13 18	1 9	19 14	1 12	22 31	0 33	23 0	0 39	17 9	4 29	17 7	17 24	20 7		n.a.
F 29	11 34	17 6	0s 0	8 0	0 34	19 16	1 3	4 16	0 6	13 14	1 9	19 14	1 12	22 31	0 33	23 0	0 39	17 9	4 29	17 7	17 25	20 7		n.a.
S 30	11 13	14 21	1 6	7 16	0 27	18 57	1 5	4 33	0 7	13 9	1 9	19 15	1 12	22 30	0 33	23 0	0 39	17 9	4 29	17 7	17 26	20 7		n.a.
S 31	10n52	10s58	2s10	6n32	0n20	18n38	1n 7	4s51	0s 8	13n 5	1n 9	19s16	1n11	22n30	0n33	23s 0	0n39	17n 9	4s29	17n 7	17n27	20s 6		n.a.

Julian Day Number = 1608407.5, Delta T = 03h54m48s
Ecliptic obliquity = 23°43'51, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'37, Lahiri = - 8°13'36 Julian Calendar 1 Aug. 310 BCE == Greg. Calendar 27 July 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

SEPTEMBER 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 20 20	3♍ 4'02	19♓35	15♍59	12♌39	12♎30	29♌ 6	0♐10	21♋46	25°R40	6♊ 0	12°R57	11♌46	23♑ 4	n.a.	M 1
T 2	22 24 16	4° 3'11	2♈ 6	17°34	13°53	13°13	29°19	0°12	21°49	25♐39	6° 1	12♌54	11°43	23°11	n.a.	T 2
W 3	22 28 13	5° 2'22	14°50	19° 8	15° 8	13°55	29°32	0°14	21°52	25°39	6° 1	12°50	11°40	23°18	n.a.	W 3
T 4	22 32 9	6° 1'36	27°47	20°41	16°22	14°37	29°45	0°17	21°55	25°39	6° 1	12°47	11°37	23°24	n.a.	T 4
F 5	22 36 6	7° 0'52	10♉59	22°14	17°37	15°20	29°58	0°19	21°58	25°38	6° 1	12°44	11°34	23°31	n.a.	F 5
S 6	22 40 2	8° 0'10	24°26	23°45	18°51	16° 2	0♍11	0°22	22° 1	25°38	6° 1	12°42	11°30	23°38	n.a.	S 6
S 7	22 43 59	8°59'31	8♊ 9	25°16	20° 6	16°45	0°24	0°24	22° 4	25°38	6° 1	12°D42	11°27	23°44	n.a.	S 7
M 8	22 47 56	9°58'55	22° 8	26°47	21°21	17°28	0°37	0°27	22° 7	25°38	6° 2	12°42	11°24	23°51	n.a.	M 8
T 9	22 51 52	10°58'21	6♋22	28°16	22°35	18°10	0°50	0°30	22°10	25°38	6° 2	12°43	11°21	23°58	n.a.	T 9
W10	22 55 49	11°57'49	20°50	29°45	23°50	18°53	1° 2	0°33	22°12	25°38	6° 2	12°45	11°18	24° 4	n.a.	W10
T 11	22 59 45	12°57'20	5♌28	1♎12	25° 5	19°36	1°15	0°36	22°15	25°38	6°R 2	12°R46	11°14	24°11	n.a.	T 11
F 12	23 3 42	13°56'53	20°12	2°39	26°20	20°19	1°28	0°39	22°18	25°D37	6° 2	12°46	11°11	24°18	n.a.	F 12
S 13	23 7 38	14°56'28	4♍55	4° 5	27°35	21° 2	1°41	0°42	22°20	25°37	6° 2	12°44	11° 8	24°24	n.a.	S 13
S 14	23 11 35	15°56'06	19°30	5°31	28°49	21°45	1°54	0°45	22°23	25°38	6° 2	12°41	11° 5	24°31	n.a.	S 14
M15	23 15 31	16°55'45	3♎50	6°55	0♍ 4	22°28	2° 7	0°49	22°25	25°38	6° 1	12°36	11° 2	24°38	n.a.	M15
T 16	23 19 28	17°55'27	17°50	8°19	1°19	23°12	2°20	0°52	22°28	25°38	6° 1	12°31	10°59	24°44	n.a.	T 16
W17	23 23 25	18°55'10	1♏26	9°41	2°34	23°55	2°32	0°56	22°30	25°38	6° 1	12°25	10°55	24°51	n.a.	W17
T 18	23 27 21	19°54'55	14°38	11° 3	3°49	24°38	2°45	0°59	22°33	25°38	6° 1	12°20	10°52	24°58	n.a.	T 18
F 19	23 31 18	20°54'43	27°25	12°23	5° 4	25°22	2°58	1° 3	22°35	25°38	6° 1	12°15	10°49	25° 4	n.a.	F 19
S 20	23 35 14	21°54'32	9♐52	13°43	6°19	26° 5	3°11	1° 7	22°37	25°38	6° 1	12°13	10°46	25°11	n.a.	S 20
S 21	23 39 11	22°54'23	22° 1	15° 1	7°34	26°49	3°23	1°11	22°40	25°39	6° 0	12°D12	10°43	25°18	n.a.	S 21
M22	23 43 7	23°54'16	3♑58	16°18	8°49	27°33	3°36	1°15	22°42	25°39	6° 0	12°13	10°40	25°24	n.a.	M22
T 23	23 47 4	24°54'10	15°48	17°34	10° 5	28°16	3°49	1°19	22°44	25°39	6° 0	12°14	10°36	25°31	n.a.	T 23
W24	23 51 0	25°54'06	27°36	18°48	11°20	29° 0	4° 1	1°23	22°46	25°40	6° 0	12°16	10°33	25°37	n.a.	W24
T 25	23 54 57	26°54'04	9♒27	20° 1	12°35	29°44	4°14	1°27	22°48	25°40	5°59	12°R16	10°30	25°44	n.a.	T 25
F 26	23 58 53	27°54'04	21°25	21°11	13°50	0♏28	4°26	1°31	22°51	25°41	5°59	12°16	10°27	25°51	n.a.	F 26
S 27	0 2 50	28°54'06	3♓34	22°20	15° 5	1°12	4°39	1°35	22°53	25°41	5°59	12°14	10°24	25°57	n.a.	S 27
S 28	0 6 47	29°54'10	15°56	23°27	16°21	1°56	4°51	1°40	22°55	25°42	5°58	12° 9	10°20	26° 4	n.a.	S 28
M29	0 10 43	0♎54'15	28°32	24°31	17°36	2°40	5° 3	1°44	22°56	25°42	5°58	12° 2	10°17	26°11	n.a.	M29
T 30	0 14 40	1♎54'22	11♈24	25♎33	18♍51	3♏24	5♍16	1♐49	22♋58	25♐43	5♊57	11♌54	10♌14	26♑17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n30	7s 3	3s 8	5n48	0n14	18n19	1n 8	5s 8	0s 9	13n 0	1n 9	19s16	1n11	22n29	0n33	23s 0	0n39	17n 9	4s29	17n 8	17n28	20s 6		n.a.
T 2	10 9	2 48	3 59	5 5	0 7	17 59	1 10	5 25	0 9	12 55	1 9	19 17	1 11	22 29	0 33	23 0	0 39	17 9	4 29	17 9	17 29	20 6		n.a.
W 3	9 47	1n39	4 38	4 21	0s 0	17 38	1 12	5 42	0 10	12 51	1 9	19 18	1 11	22 28	0 33	23 0	0 39	17 9	4 29	17 10	17 30	20 5		n.a.
T 4	9 25	6 5	5 4	3 37	0 7	17 17	1 13	6 0	0 11	12 46	1 9	19 18	1 11	22 28	0 33	23 0	0 39	17 9	4 29	17 11	17 31	20 5		n.a.
F 5	9 3	10 20	5 14	2 54	0 14	16 55	1 14	6 17	0 12	12 42	1 9	19 19	1 10	22 27	0 33	23 0	0 39	17 9	4 29	17 12	17 32	20 5		n.a.
S 6	8 40	14 8	5 8	2 11	0 21	16 33	1 16	6 34	0 12	12 37	1 9	19 20	1 10	22 27	0 33	23 0	0 39	17 9	4 29	17 12	17 32	20 5		n.a.
S 7	8 18	17 15	4 44	1 28	0 29	16 11	1 17	6 52	0 13	12 33	1 9	19 20	1 10	22 26	0 33	23 0	0 39	17 9	4 29	17 12	17 33	20 4		n.a.
M 8	7 55	19 27	4 3	0 45	0 36	15 48	1 18	7 9	0 14	12 28	1 9	19 21	1 10	22 26	0 33	23 0	0 39	17 9	4 29	17 12	17 34	20 4		n.a.
T 9	7 32	20 28	3 7	0 3	0 43	15 24	1 19	7 26	0 14	12 23	1 9	19 22	1 10	22 26	0 33	23 0	0 39	17 9	4 29	17 12	17 35	20 4		n.a.
W10	7 9	20 10	1 58	0s40	0 50	15 0	1 20	7 43	0 15	12 19	1 9	19 23	1 10	22 25	0 33	23 0	0 39	17 9	4 29	17 11	17 36	20 3		n.a.
T 11	6 46	18 29	0 40	1 21	0 57	14 36	1 21	8 0	0 16	12 14	1 9	19 24	1 9	22 25	0 33	23 0	0 39	17 9	4 29	17 11	17 37	20 3		n.a.
F 12	6 23	15 34	0n41	2 3	1 4	14 11	1 22	8 17	0 16	12 10	1 9	19 24	1 9	22 24	0 33	23 1	0 39	17 9	4 30	17 11	17 38	20 3		n.a.
S 13	6 0	11 39	1 58	2 44	1 11	13 46	1 23	8 34	0 17	12 5	1 9	19 25	1 9	22 24	0 33	23 1	0 39	17 9	4 30	17 12	17 39	20 2		n.a.
S 14	5 37	7 4	3 7	3 25	1 18	13 20	1 24	8 51	0 18	12 0	1 10	19 26	1 9	22 24	0 33	23 1	0 39	17 9	4 30	17 12	17 40	20 2		n.a.
M15	5 13	2 10	4 3	4 5	1 25	12 54	1 25	9 8	0 19	11 56	1 10	19 27	1 9	22 23	0 33	23 1	0 39	17 9	4 30	17 14	17 40	20 2		n.a.
T 16	4 50	2s43	4 43	4 44	1 32	12 28	1 26	9 25	0 19	11 51	1 10	19 28	1 8	22 23	0 33	23 1	0 39	17 9	4 30	17 15	17 41	20 1		n.a.
W17	4 26	7 21	5 6	5 24	1 39	12 1	1 26	9 42	0 20	11 47	1 10	19 29	1 8	22 22	0 33	23 1	0 39	17 9	4 30	17 17	17 42	20 1		n.a.
T 18	4 2	11 28	5 11	6 2	1 45	11 34	1 27	9 59	0 21	11 42	1 10	19 30	1 8	22 22	0 33	23 1	0 39	17 9	4 30	17 19	17 43	20 1		n.a.
F 19	3 39	14 57	5 1	6 40	1 52	11 7	1 27	10 15	0 21	11 37	1 10	19 31	1 8	22 22	0 33	23 1	0 39	17 9	4 30	17 20	17 44	20 0		n.a.
S 20	3 15	17 39	4 36	7 17	1 58	10 39	1 28	10 32	0 22	11 33	1 10	19 32	1 8	22 21	0 33	23 1	0 39	17 9	4 30	17 20	17 45	20 0		n.a.
S 21	2 51	19 30	4 0	7 53	2 4	10 11	1 28	10 49	0 23	11 28	1 10	19 33	1 8	22 21	0 33	23 1	0 39	17 8	4 30	17 21	17 46	19 59		n.a.
M22	2 27	20 27	3 13	8 29	2 10	9 43	1 28	11 5	0 23	11 24	1 10	19 34	1 7	22 21	0 33	23 1	0 39	17 8	4 30	17 21	17 47	19 59		n.a.
T 23	2 3	20 29	2 19	9 4	2 16	9 15	1 28	11 22	0 24	11 19	1 10	19 35	1 7	22 20	0 33	23 1	0 39	17 8	4 30	17 20	17 47	19 59		n.a.
W24	1 39	19 36	1 19	9 37	2 21	8 46	1 29	11 38	0 25	11 15	1 10	19 36	1 7	22 20	0 34	23 1	0 39	17 8	4 30	17 20	17 48	19 58		n.a.
T 25	1 15	17 52	0 15	10 10	2 26	8 17	1 29	11 54	0 25	11 10	1 10	19 37	1 7	22 20	0 34	23 1	0 39	17 8	4 30	17 19	17 49	19 58		n.a.
F 26	0 51	15 19	0s49	10 42	2 31	7 48	1 29	12 11	0 26	11 6	1 11	19 38	1 7	22 19	0 34	23 1	0 38	17 8	4 30	17 20	17 50	19 57		n.a.
S 27	0 27	12 4	1 53	11 12	2 36	7 18	1 29	12 27	0 27	11 1	1 11	19 39	1 7	22 19	0 34	23 1	0 38	17 8	4 30	17 20	17 51	19 57		n.a.
S 28	0 2	8 15	2 52	11 41	2 40	6 48	1 28	12 43	0 27	10 57	1 11	19 40	1 6	22 19	0 34	23 1	0 38	17 8	4 30	17 22	17 52	19 57		n.a.
M29	0s22	4 0	3 43	12 9	2 44	6 19	1 28	12 59	0 28	10 52	1 11	19 41	1 6	22 18	0 34	23 1	0 38	17 8	4 30	17 23	17 53	19 56		n.a.
T 30	0s46	0n31	4s24	12s35	2s47	5n49	1n28	13s15	0s29	10n48	1n11	19s42	1n 6	22n18	0n34	23s 1	0n38	17n 8	4s30	17n26	17n54	19s56		n.a.

Julian Day Number = 1608438.5, Delta T = 03h54m47s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'32, Lahiri = - 8°13'32 Julian Calendar 1 Sept. 310 BCE == Greg. Calendar 27 Aug. 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

OCTOBER 310 BCE (-309) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 18 36	2♎54'31	24♈30	26♎32	20♍ 6	4♏ 8	5♍28	1♐54	23♋ 0	25♐43	5°R57	11°R45	10♌11	26♉24	n.a.	W 1
T 2	0 22 33	3°54'43	7♉50	27°27	21°22	4°53	5°40	1°58	23° 2	25°44	5♊57	11♌36	10° 8	26°31	n.a.	T 2
F 3	0 26 29	4°54'56	21°22	28°19	22°37	5°37	5°53	2° 3	23° 4	25°45	5°56	11°28	10° 5	26°37	n.a.	F 3
S 4	0 30 26	5°55'12	5♊ 3	29° 7	23°52	6°22	6° 5	2° 8	23° 5	25°45	5°56	11°21	10° 1	26°44	n.a.	S 4
S 5	0 34 22	6°55'30	18°53	29°51	25° 8	7° 6	6°17	2°13	23° 7	25°46	5°55	11°18	9°58	26°51	n.a.	S 5
M 6	0 38 19	7°55'50	2♋50	0♏29	26°23	7°51	6°29	2°18	23° 9	25°47	5°54	11°D16	9°55	26°57	n.a.	M 6
T 7	0 42 16	8°56'12	16°54	1° 2	27°39	8°35	6°41	2°23	23°10	25°48	5°54	11°16	9°52	27° 4	n.a.	T 7
W 8	0 46 12	9°56'36	1♌ 4	1°28	28°54	9°20	6°53	2°28	23°12	25°49	5°53	11°17	9°49	27°11	n.a.	W 8
T 9	0 50 9	10°57'02	15°19	1°48	0♎10	10° 5	7° 5	2°33	23°13	25°49	5°53	11°R17	9°45	27°17	n.a.	T 9
F 10	0 54 5	11°57'30	29°36	2° 0	1°25	10°49	7°16	2°38	23°14	25°50	5°52	11°16	9°42	27°24	n.a.	F 10
S 11	0 58 2	12°58'00	13♍53	2°R 4	2°41	11°34	7°28	2°43	23°16	25°51	5°51	11°12	9°39	27°31	n.a.	S 11
S 12	1 1 58	13°58'32	28° 4	1°59	3°56	12°19	7°40	2°49	23°17	25°52	5°51	11° 5	9°36	27°37	n.a.	S 12
M13	1 5 55	14°59'06	12♎ 6	1°45	5°12	13° 4	7°52	2°54	23°18	25°53	5°50	10°56	9°33	27°44	n.a.	M13
T 14	1 9 51	15°59'41	25°53	1°20	6°27	13°49	8° 3	3° 0	23°19	25°54	5°49	10°45	9°30	27°50	n.a.	T 14
W15	1 13 48	17° 0'18	9♏22	0°45	7°43	14°34	8°15	3° 5	23°20	25°55	5°49	10°33	9°26	27°57	n.a.	W15
T 16	1 17 45	18° 0'57	22°30	0° 1	8°58	15°20	8°26	3°11	23°22	25°56	5°48	10°22	9°23	28° 4	n.a.	T 16
F 17	1 21 41	19° 1'37	5♐16	29♎ 6	10°14	16° 5	8°38	3°16	23°23	25°57	5°47	10°12	9°20	28°10	n.a.	F 17
S 18	1 25 38	20° 2'18	17°43	28° 2	11°29	16°50	8°49	3°22	23°23	25°59	5°46	10° 5	9°17	28°17	n.a.	S 18
S 19	1 29 34	21° 3'01	29°53	26°51	12°45	17°35	9° 0	3°28	23°24	26° 0	5°45	10° 1	9°14	28°24	n.a.	S 19
M20	1 33 31	22° 3'45	11♑50	25°33	14° 0	18°21	9°11	3°34	23°25	26° 1	5°45	9°58	9°11	28°30	n.a.	M20
T 21	1 37 27	23° 4'30	23°40	24°13	15°16	19° 6	9°22	3°40	23°26	26° 2	5°44	9°D58	9° 7	28°37	n.a.	T 21
W22	1 41 24	24° 5'16	5♒27	22°51	16°32	19°52	9°33	3°46	23°27	26° 4	5°43	9°R58	9° 4	28°44	n.a.	W22
T 23	1 45 20	25° 6'04	17°19	21°31	17°47	20°37	9°44	3°51	23°27	26° 5	5°42	9°58	9° 1	28°50	n.a.	T 23
F 24	1 49 17	26° 6'52	29°19	20°16	19° 3	21°23	9°55	3°57	23°28	26° 6	5°41	9°56	8°58	28°57	n.a.	F 24
S 25	1 53 14	27° 7'42	11♓33	19° 8	20°18	22° 8	10° 6	4° 4	23°29	26° 8	5°40	9°53	8°55	29° 4	n.a.	S 25
S 26	1 57 10	28° 8'33	24° 3	18° 8	21°34	22°54	10°17	4°10	23°29	26° 9	5°39	9°46	8°51	29°10	n.a.	S 26
M27	2 1 7	29° 9'25	6♈54	17°19	22°49	23°40	10°27	4°16	23°30	26°10	5°38	9°36	8°48	29°17	n.a.	M27
T 28	2 5 3	0♏10'18	20° 5	16°40	24° 5	24°26	10°38	4°22	23°30	26°12	5°37	9°25	8°45	29°23	n.a.	T 28
W29	2 9 0	1°11'12	3♉35	16°14	25°21	25°11	10°48	4°28	23°30	26°13	5°36	9°12	8°42	29°30	n.a.	W29
T 30	2 12 56	2°12'07	17°21	15°59	26°36	25°57	10°59	4°34	23°31	26°15	5°35	8°59	8°39	29°37	n.a.	T 30
F 31	2 16 53	3♏13'04	1♊19	15°D55	27♎52	26♏43	11♍ 9	4♐41	23♋31	26♐16	5♊34	8♌47	8♌36	29♉43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1s10	5n 5	4s53	12s59	2s50	5n18	1n28	13s31	0s29	10n43	1n11	19s43	1n 6	22n18	0n34	23s 1	0n38	17n 7	4s30	17n28	17n54	19s55			n.a.
T 2	1 34	9 29	5 6	13 22	2 52	4 48	1 27	13 46	0 30	10 39	1 11	19 44	1 6	22 18	0 34	23 1	0 38	17 7	4 30	17 31	17 55	19 55			n.a.
F 3	1 59	13 28	5 2	13 42	2 53	4 17	1 27	14 2	0 30	10 34	1 11	19 45	1 6	22 17	0 34	23 1	0 38	17 7	4 31	17 33	17 56	19 55			n.a.
S 4	2 23	16 48	4 41	14 0	2 54	3 47	1 26	14 17	0 31	10 30	1 11	19 46	1 6	22 17	0 34	23 2	0 38	17 7	4 31	17 35	17 57	19 54			n.a.
S 5	2 47	19 13	4 3	14 16	2 54	3 16	1 26	14 33	0 32	10 25	1 12	19 47	1 5	22 17	0 34	23 2	0 38	17 7	4 31	17 36	17 58	19 54			n.a.
M 6	3 11	20 31	3 11	14 29	2 54	2 45	1 25	14 48	0 32	10 21	1 12	19 48	1 5	22 17	0 34	23 2	0 38	17 7	4 31	17 36	17 59	19 53			n.a.
T 7	3 35	20 33	2 7	14 39	2 52	2 14	1 24	15 3	0 33	10 17	1 12	19 50	1 5	22 16	0 34	23 2	0 38	17 7	4 31	17 36	18 0	19 53			n.a.
W 8	3 59	19 17	0 54	14 46	2 49	1 43	1 23	15 18	0 34	10 12	1 12	19 51	1 5	22 16	0 34	23 2	0 38	17 7	4 31	17 36	18 0	19 52			n.a.
T 9	4 23	16 47	0n22	14 49	2 45	1 12	1 23	15 33	0 34	10 8	1 12	19 52	1 5	22 16	0 34	23 2	0 38	17 6	4 31	17 36	18 1	19 52			n.a.
F 10	4 47	13 15	1 36	14 49	2 40	0 41	1 22	15 48	0 35	10 4	1 12	19 53	1 5	22 16	0 34	23 2	0 38	17 6	4 31	17 37	18 2	19 51			n.a.
S 11	5 11	8 57	2 45	14 44	2 33	0 9	1 21	16 3	0 35	9 59	1 12	19 54	1 4	22 16	0 34	23 2	0 38	17 6	4 31	17 38	18 3	19 51			n.a.
S 12	5 35	4 10	3 43	14 34	2 25	0s22	1 20	16 17	0 36	9 55	1 13	19 55	1 4	22 15	0 34	23 2	0 38	17 6	4 31	17 40	18 4	19 50			n.a.
M13	5 58	0s46	4 26	14 20	2 15	0 53	1 19	16 32	0 36	9 51	1 13	19 57	1 4	22 15	0 34	23 2	0 38	17 6	4 31	17 42	18 5	19 50			n.a.
T 14	6 22	5 34	4 53	14 1	2 4	1 25	1 17	16 46	0 37	9 46	1 13	19 58	1 4	22 15	0 34	23 2	0 38	17 6	4 31	17 45	18 6	19 50			n.a.
W15	6 46	10 0	5 3	13 36	1 51	1 56	1 16	17 0	0 38	9 42	1 13	19 59	1 4	22 15	0 34	23 2	0 38	17 6	4 31	17 48	18 6	19 49			n.a.
T 16	7 9	13 51	4 56	13 6	1 36	2 27	1 15	17 14	0 38	9 38	1 13	20 0	1 4	22 15	0 34	23 2	0 38	17 5	4 31	17 51	18 7	19 49			n.a.
F 17	7 32	16 56	4 35	12 31	1 19	2 58	1 14	17 28	0 39	9 34	1 13	20 2	1 4	22 15	0 34	23 2	0 38	17 5	4 31	17 54	18 8	19 48			n.a.
S 18	7 56	19 10	4 1	11 51	1 1	3 29	1 12	17 42	0 39	9 30	1 13	20 3	1 4	22 14	0 34	23 2	0 38	17 5	4 31	17 56	18 9	19 48			n.a.
S 19	8 19	20 28	3 16	11 8	0 42	4 1	1 11	17 55	0 40	9 26	1 14	20 4	1 3	22 14	0 34	23 2	0 38	17 5	4 31	17 57	18 10	19 47			n.a.
M20	8 42	20 49	2 24	10 20	0 22	4 32	1 9	18 9	0 40	9 21	1 14	20 5	1 3	22 14	0 34	23 3	0 38	17 5	4 31	17 58	18 11	19 47			n.a.
T 21	9 5	20 13	1 26	9 31	0 1	5 3	1 8	18 22	0 41	9 17	1 14	20 6	1 3	22 14	0 35	23 3	0 38	17 5	4 31	17 58	18 12	19 46			n.a.
W22	9 27	18 45	0 24	8 42	0n19	5 33	1 6	18 35	0 42	9 13	1 14	20 8	1 3	22 14	0 35	23 3	0 38	17 4	4 31	17 58	18 12	19 46			n.a.
T 23	9 50	16 27	0s39	7 53	0 39	6 4	1 5	18 48	0 42	9 9	1 14	20 9	1 3	22 14	0 35	23 3	0 38	17 4	4 31	17 58	18 13	19 45			n.a.
F 24	10 12	13 25	1 41	7 7	0 59	6 35	1 3	19 1	0 43	9 5	1 14	20 10	1 3	22 14	0 35	23 3	0 38	17 4	4 31	17 58	18 14	19 45			n.a.
S 25	10 34	9 46	2 39	6 24	1 17	7 5	1 1	19 13	0 43	9 1	1 15	20 12	1 3	22 14	0 35	23 3	0 38	17 4	4 31	17 59	18 15	19 44			n.a.
S 26	10 57	5 37	3 31	5 46	1 33	7 35	1 0	19 26	0 44	8 57	1 15	20 13	1 2	22 14	0 35	23 3	0 38	17 4	4 31	18 1	18 16	19 43			n.a.
M27	11 18	1 6	4 14	5 14	1 47	8 5	0 58	19 38	0 44	8 53	1 15	20 14	1 2	22 14	0 35	23 3	0 37	17 4	4 31	18 4	18 17	19 43			n.a.
T 28	11 40	3n34	4 44	4 48	1 59	8 35	0 56	19 50	0 45	8 50	1 15	20 15	1 2	22 14	0 35	23 3	0 37	17 3	4 31	18 7	18 18	19 42			n.a.
W29	12 2	8 11	4 59	4 28	2 10	9 5	0 54	20 1	0 45	8 46	1 15	20 17	1 2	22 14	0 35	23 3	0 37	17 3	4 31	18 10	18 18	19 42			n.a.
T 30	12 23	12 28	4 57	4 14	2 18	9 34	0 52	20 13	0 46	8 42	1 15	20 18	1 2	22 14	0 35	23 3	0 37	17 3	4 31	18 14	18 19	19 41			n.a.
F 31	12s44	16n 9	4s38	4s 7	2n24	10s 4	0n50	20s24	0s46	8n38	1n16	20s19	1n 2	22n14	0n35	23s 3	0n37	17n 3	4s31	18n17	18n20	19s41			n.a.

Julian Day Number = 1608468.5, Delta T = 03h54m46s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'28, Lahiri = - 8°13'28 Julian Calendar 1 Oct. 310 BCE == Greg. Calendar 26 Sept. 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

NOVEMBER 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 20 49	4♏14'02	15♊26	16♎ 2	29♎ 7	27♏29	11♍19	4♐47	23♋31	26♐18	5°R33	8°R38	8♌32	29♉50	n.a.	S 1
S 2	2 24 46	5°15'01	29°36	16°18	0♏23	28°15	11°29	4°54	23°31	26°19	5♊32	8♌32	8°29	29°57	n.a.	S 2
M 3	2 28 43	6°16'02	13♋46	16°44	1°39	29° 1	11°39	5° 0	23°31	26°21	5°31	8°29	8°26	0♒ 3	n.a.	M 3
T 4	2 32 39	7°17'04	27°54	17°18	2°54	29°47	11°49	5° 6	23°R31	26°23	5°30	8°27	8°23	0°10	n.a.	T 4
W 5	2 36 36	8°18'08	11♌58	17°59	4°10	0♐33	11°59	5°13	23°31	26°24	5°29	8°27	8°20	0°17	n.a.	W 5
T 6	2 40 32	9°19'12	25°59	18°46	5°25	1°20	12° 8	5°20	23°31	26°26	5°28	8°27	8°16	0°23	n.a.	T 6
F 7	2 44 29	10°20'18	9♍55	19°39	6°41	2° 6	12°18	5°26	23°31	26°28	5°27	8°25	8°13	0°30	n.a.	F 7
S 8	2 48 25	11°21'25	23°46	20°37	7°57	2°52	12°27	5°33	23°31	26°29	5°26	8°20	8°10	0°37	n.a.	S 8
S 9	2 52 22	12°22'33	7♎31	21°39	9°12	3°38	12°37	5°39	23°30	26°31	5°25	8°12	8° 7	0°43	n.a.	S 9
M10	2 56 18	13°23'41	21° 6	22°45	10°28	4°25	12°46	5°46	23°30	26°33	5°24	8° 1	8° 4	0°50	n.a.	M10
T 11	3 0 15	14°24'51	4♏30	23°54	11°44	5°11	12°55	5°53	23°30	26°35	5°23	7°48	8° 1	0°57	n.a.	T 11
W12	3 4 12	15°26'02	17°41	25° 6	12°59	5°58	13° 4	5°59	23°29	26°36	5°22	7°34	7°57	1° 3	n.a.	W12
T 13	3 8 8	16°27'13	0♐35	26°21	14°15	6°44	13°13	6° 6	23°29	26°38	5°20	7°21	7°54	1°10	n.a.	T 13
F 14	3 12 5	17°28'25	13°13	27°38	15°30	7°31	13°22	6°13	23°28	26°40	5°19	7° 9	7°51	1°16	n.a.	F 14
S 15	3 16 1	18°29'38	25°35	28°56	16°46	8°17	13°30	6°20	23°27	26°42	5°18	7° 0	7°48	1°23	n.a.	S 15
S 16	3 19 58	19°30'51	7♑42	0♏17	18° 2	9° 4	13°39	6°27	23°27	26°44	5°17	6°54	7°45	1°30	n.a.	S 16
M17	3 23 54	20°32'04	19°38	1°38	19°17	9°50	13°47	6°33	23°26	26°46	5°16	6°50	7°42	1°36	n.a.	M17
T 18	3 27 51	21°33'17	1♒27	3° 1	20°33	10°37	13°56	6°40	23°25	26°48	5°15	6°49	7°38	1°43	n.a.	T 18
W19	3 31 47	22°34'31	13°13	4°25	21°48	11°24	14° 4	6°47	23°24	26°50	5°13	6°D49	7°35	1°50	n.a.	W19
T 20	3 35 44	23°35'45	25° 3	5°50	23° 4	12°11	14°12	6°54	23°24	26°52	5°12	6°R49	7°32	1°56	n.a.	T 20
F 21	3 39 41	24°36'59	7♓ 3	7°16	24°19	12°57	14°20	7° 1	23°23	26°54	5°11	6°48	7°29	2° 3	n.a.	F 21
S 22	3 43 37	25°38'13	19°16	8°42	25°35	13°44	14°27	7° 8	23°22	26°56	5°10	6°45	7°26	2°10	n.a.	S 22
S 23	3 47 34	26°39'27	1♈49	10° 9	26°50	14°31	14°35	7°15	23°21	26°58	5° 9	6°40	7°22	2°16	n.a.	S 23
M24	3 51 30	27°40'41	14°45	11°37	28° 6	15°18	14°43	7°22	23°19	27° 0	5° 7	6°33	7°19	2°23	n.a.	M24
T 25	3 55 27	28°41'55	28° 5	13° 5	29°21	16° 5	14°50	7°29	23°18	27° 2	5° 6	6°23	7°16	2°30	n.a.	T 25
W26	3 59 23	29°43'09	11♉50	14°34	0♐37	16°52	14°57	7°36	23°17	27° 4	5° 5	6°12	7°13	2°36	n.a.	W26
T 27	4 3 20	0♐44'23	25°57	16° 4	1°52	17°39	15° 4	7°43	23°16	27° 6	5° 4	6° 0	7°10	2°43	n.a.	T 27
F 28	4 7 16	1°45'38	10♊21	17°33	3° 8	18°26	15°11	7°50	23°15	27° 8	5° 2	5°50	7° 7	2°50	n.a.	F 28
S 29	4 11 13	2°46'52	24°55	19° 3	4°23	19°13	15°18	7°57	23°13	27°10	5° 1	5°42	7° 3	2°56	n.a.	S 29
S 30	4 15 10	3♐48'07	9♋33	20♏34	5♐39	20♐ 0	15♍25	8♐ 4	23♋12	27♐12	5♊ 0	5♌37	7♌ 0	3♒ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s 5	18n55	4s 1	4s 5	2n29	10s33	0n48	20s36	0s47	8n34	1n16	20s20	1n 2	22n14	0n35	23s 3	0n37	17n 3	4s31	18n19	18n21	19s40		n.a.
S 2	13 26	20 34	3 10	4 9	2 32	11 2	0 46	20 47	0 47	8 31	1 16	20 22	1 2	22 14	0 35	23 3	0 37	17 2	4 31	18 21	18 22	19 40		n.a.
M 3	13 46	20 55	2 7	4 17	2 34	11 30	0 44	20 57	0 48	8 27	1 16	20 23	1 2	22 14	0 35	23 4	0 37	17 2	4 31	18 22	18 23	19 39		n.a.
T 4	14 7	19 56	0 56	4 30	2 34	11 58	0 42	21 8	0 48	8 23	1 16	20 24	1 1	22 14	0 35	23 4	0 37	17 2	4 31	18 22	18 23	19 38		n.a.
W 5	14 27	17 42	0n19	4 47	2 33	12 26	0 40	21 18	0 49	8 20	1 17	20 26	1 1	22 14	0 35	23 4	0 37	17 2	4 31	18 22	18 24	19 38		n.a.
T 6	14 46	14 26	1 31	5 6	2 32	12 54	0 38	21 29	0 49	8 16	1 17	20 27	1 1	22 14	0 35	23 4	0 37	17 2	4 31	18 22	18 25	19 37		n.a.
F 7	15 6	10 23	2 38	5 29	2 29	13 21	0 36	21 38	0 49	8 13	1 17	20 28	1 1	22 14	0 35	23 4	0 37	17 2	4 31	18 23	18 26	19 37		n.a.
S 8	15 25	5 47	3 35	5 54	2 25	13 48	0 33	21 48	0 50	8 9	1 17	20 29	1 1	22 14	0 35	23 4	0 37	17 1	4 31	18 24	18 27	19 36		n.a.
S 9	15 44	0 56	4 19	6 21	2 21	14 15	0 31	21 58	0 50	8 6	1 17	20 31	1 1	22 14	0 35	23 4	0 37	17 1	4 31	18 26	18 28	19 36		n.a.
M10	16 3	3s54	4 48	6 51	2 17	14 41	0 29	22 7	0 51	8 2	1 18	20 32	1 1	22 14	0 35	23 4	0 37	17 1	4 31	18 29	18 28	19 35		n.a.
T 11	16 22	8 29	5 0	7 21	2 11	15 7	0 27	22 16	0 51	7 59	1 18	20 33	1 1	22 14	0 35	23 4	0 37	17 1	4 31	18 32	18 29	19 34		n.a.
W12	16 40	12 35	4 56	7 53	2 6	15 32	0 24	22 25	0 52	7 56	1 18	20 34	1 1	22 14	0 35	23 4	0 37	17 1	4 31	18 36	18 30	19 34		n.a.
T 13	16 58	16 1	4 36	8 26	2 0	15 57	0 22	22 33	0 52	7 53	1 18	20 36	1 1	22 15	0 35	23 4	0 37	17 0	4 31	18 40	18 31	19 33		n.a.
F 14	17 15	18 38	4 4	8 59	1 54	16 22	0 20	22 42	0 53	7 49	1 18	20 37	1 0	22 15	0 35	23 4	0 37	17 0	4 31	18 43	18 32	19 33		n.a.
S 15	17 32	20 19	3 20	9 34	1 47	16 46	0 17	22 50	0 53	7 46	1 19	20 38	1 0	22 15	0 35	23 4	0 37	17 0	4 31	18 45	18 33	19 32		n.a.
S 16	17 49	21 3	2 28	10 9	1 40	17 10	0 15	22 57	0 53	7 43	1 19	20 40	1 0	22 15	0 36	23 4	0 37	17 0	4 31	18 47	18 33	19 31		n.a.
M17	18 6	20 48	1 30	10 44	1 34	17 33	0 13	23 5	0 54	7 40	1 19	20 41	1 0	22 15	0 36	23 5	0 37	17 0	4 31	18 47	18 34	19 31		n.a.
T 18	18 22	19 37	0 29	11 19	1 26	17 56	0 10	23 12	0 54	7 37	1 19	20 42	1 0	22 15	0 36	23 5	0 37	17 0	4 31	18 48	18 35	19 30		n.a.
W19	18 38	17 36	0s34	11 54	1 19	18 19	0 8	23 19	0 55	7 34	1 20	20 43	1 0	22 16	0 36	23 5	0 37	16 59	4 31	18 48	18 36	19 29		n.a.
T 20	18 54	14 49	1 36	12 30	1 12	18 40	0 6	23 26	0 55	7 31	1 20	20 45	1 0	22 16	0 36	23 5	0 37	16 59	4 31	18 48	18 37	19 29		n.a.
F 21	19 9	11 24	2 34	13 5	1 5	19 2	0 3	23 33	0 55	7 28	1 20	20 46	1 0	22 16	0 36	23 5	0 37	16 59	4 31	18 48	18 37	19 28		n.a.
S 22	19 24	7 27	3 26	13 40	0 57	19 23	0 1	23 39	0 56	7 25	1 20	20 47	1 0	22 16	0 36	23 5	0 37	16 59	4 31	18 49	18 38	19 27		n.a.
S 23	19 39	3 4	4 9	14 15	0 50	19 43	0s 2	23 45	0 56	7 23	1 21	20 48	1 0	22 16	0 36	23 5	0 37	16 59	4 31	18 50	18 39	19 27		n.a.
M24	19 53	1n33	4 42	14 50	0 43	20 2	0 4	23 51	0 56	7 20	1 21	20 50	1 0	22 17	0 36	23 5	0 37	16 58	4 31	18 52	18 40	19 26		n.a.
T 25	20 7	6 15	5 0	15 24	0 35	20 22	0 6	23 56	0 57	7 17	1 21	20 51	0 59	22 17	0 36	23 5	0 37	16 58	4 31	18 54	18 41	19 25		n.a.
W26	20 20	10 47	5 2	15 57	0 28	20 40	0 9	24 1	0 57	7 15	1 21	20 52	0 59	22 17	0 36	23 5	0 37	16 58	4 31	18 57	18 42	19 25		n.a.
T 27	20 33	14 52	4 45	16 31	0 21	20 58	0 11	24 6	0 57	7 12	1 22	20 53	0 59	22 17	0 36	23 5	0 37	16 58	4 31	19 0	18 42	19 24		n.a.
F 28	20 46	18 9	4 10	17 3	0 14	21 15	0 13	24 11	0 58	7 10	1 22	20 54	0 59	22 18	0 36	23 5	0 37	16 58	4 31	19 3	18 43	19 23		n.a.
S 29	20 58	20 19	3 19	17 36	0 7	21 32	0 16	24 15	0 58	7 7	1 22	20 56	0 59	22 18	0 36	23 5	0 37	16 58	4 30	19 5	18 44	19 23		n.a.
S 30	21s10	21n 9	2s14	18s 7	0s 0	21s48	0s18	24s19	0s58	7n 5	1n22	20s57	0n59	22n18	0n36	23s 5	0n37	16n57	4s30	19n 6	18n45	19s22		n.a.

Julian Day Number = 1608499.5, Delta T = 03h54m45s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'24, Lahiri = - 8°13'24 Julian Calendar 1 Nov. 310 BCE == Greg. Calendar 27 Oct. 310 BCE

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ASTRODIENST EPHEMERIS for the year 310 BCE
geocentric

DECEMBER 310 BCE (-309) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 19 6	4♐49'22	24♋ 7	22♏ 5	6♐54	20♐47	15♍31	8♐11	23°R11	27♐14	4°R59	5°R34	6♌57	3♒ 9	n.a.	M 1
T 2	4 23 3	5°50'37	8♌33	23°36	8°10	21°34	15°38	8°18	23♋ 9	27°16	4♊58	5°D34	6°54	3°16	n.a.	T 2
W 3	4 26 59	6°51'52	22°48	25° 8	9°25	22°21	15°44	8°25	23° 8	27°19	4°56	5♌34	6°51	3°23	n.a.	W 3
T 4	4 30 56	7°53'07	6♍50	26°40	10°41	23° 8	15°50	8°32	23° 6	27°21	4°55	5°R35	6°48	3°29	n.a.	T 4
F 5	4 34 52	8°54'23	20°39	28°12	11°56	23°55	15°56	8°39	23° 4	27°23	4°54	5°34	6°44	3°36	n.a.	F 5
S 6	4 38 49	9°55'38	4♎15	29°45	13°12	24°42	16° 2	8°46	23° 3	27°25	4°53	5°31	6°41	3°43	n.a.	S 6
S 7	4 42 45	10°56'54	17°39	1♐18	14°27	25°29	16° 7	8°53	23° 1	27°27	4°51	5°26	6°38	3°49	n.a.	S 7
M 8	4 46 42	11°58'09	0♏51	2°52	15°43	26°17	16°13	9° 0	22°59	27°30	4°50	5°19	6°35	3°56	n.a.	M 8
T 9	4 50 39	12°59'24	13°51	4°26	16°58	27° 4	16°18	9° 7	22°57	27°32	4°49	5° 9	6°32	4° 3	n.a.	T 9
W10	4 54 35	14° 0'39	26°38	6° 0	18°13	27°51	16°23	9°14	22°56	27°34	4°48	4°59	6°28	4° 9	n.a.	W10
T 11	4 58 32	15° 1'54	9♐14	7°35	19°29	28°38	16°28	9°21	22°54	27°36	4°47	4°50	6°25	4°16	n.a.	T 11
F 12	5 2 28	16° 3'09	21°37	9°10	20°44	29°26	16°33	9°28	22°52	27°38	4°45	4°41	6°22	4°23	n.a.	F 12
S 13	5 6 25	17° 4'23	3♑48	10°45	22° 0	0♑13	16°37	9°35	22°50	27°41	4°44	4°35	6°19	4°29	n.a.	S 13
S 14	5 10 21	18° 5'36	15°49	12°22	23°15	1° 0	16°42	9°42	22°48	27°43	4°43	4°30	6°16	4°36	n.a.	S 14
M15	5 14 18	19° 6'49	27°41	13°58	24°30	1°47	16°46	9°49	22°46	27°45	4°42	4°28	6°13	4°43	n.a.	M15
T 16	5 18 15	20° 8'00	9♒29	15°35	25°46	2°35	16°50	9°56	22°44	27°47	4°41	4°D28	6° 9	4°49	n.a.	T 16
W17	5 22 11	21° 9'11	21°15	17°13	27° 1	3°22	16°54	10° 3	22°42	27°50	4°39	4°29	6° 6	4°56	n.a.	W17
T 18	5 26 8	22°10'21	3♓ 4	18°51	28°16	4°10	16°58	10°10	22°40	27°52	4°38	4°31	6° 3	5° 2	n.a.	T 18
F 19	5 30 4	23°11'30	15° 1	20°30	29°32	4°57	17° 1	10°17	22°38	27°54	4°37	4°32	6° 0	5° 9	n.a.	F 19
S 20	5 34 1	24°12'38	27°12	22° 9	0♑47	5°44	17° 5	10°24	22°35	27°56	4°36	4°R32	5°57	5°16	n.a.	S 20
S 21	5 37 57	25°13'45	9♈41	23°49	2° 2	6°32	17° 8	10°31	22°33	27°59	4°35	4°31	5°54	5°22	n.a.	S 21
M22	5 41 54	26°14'51	22°34	25°29	3°18	7°19	17°11	10°38	22°31	28° 1	4°34	4°28	5°50	5°29	n.a.	M22
T 23	5 45 50	27°15'55	5♉52	27°10	4°33	8° 6	17°14	10°45	22°29	28° 3	4°33	4°24	5°47	5°36	n.a.	T 23
W24	5 49 47	28°16'59	19°39	28°51	5°48	8°54	17°17	10°52	22°26	28° 6	4°31	4°18	5°44	5°42	n.a.	W24
T 25	5 53 44	29°18'01	3♊52	0♑34	7° 3	9°41	17°19	10°58	22°24	28° 8	4°30	4°12	5°41	5°49	n.a.	T 25
F 26	5 57 40	0♑19'03	18°28	2°16	8°19	10°29	17°21	11° 5	22°22	28°10	4°29	4° 7	5°38	5°56	n.a.	F 26
S 27	6 1 37	1°20'03	3♋21	4° 0	9°34	11°16	17°24	11°12	22°19	28°12	4°28	4° 3	5°34	6° 2	n.a.	S 27
S 28	6 5 33	2°21'02	18°21	5°43	10°49	12° 3	17°26	11°19	22°17	28°15	4°27	4° 1	5°31	6° 9	n.a.	S 28
M29	6 9 30	3°22'01	3♌21	7°28	12° 4	12°51	17°27	11°25	22°14	28°17	4°26	4°D 0	5°28	6°16	n.a.	M29
T 30	6 13 26	4°22'58	18°12	9°13	13°19	13°38	17°29	11°32	22°12	28°19	4°25	4° 0	5°25	6°22	n.a.	T 30
W31	6 17 23	5♑23'54	2♍48	10♑58	14♑34	14♑26	17♍30	11♐39	22♋10	28♐22	4♊24	4♌ 2	5♌22	6♒29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21s22	20n33	1s 1	18s38	0s 7	22s 4	0s20	24s23	0s59	7n 3	1n23	20s58	0n59	22n18	0n36	23s 5	0n37	16n57	4s30	19n 6	18n46	19s21			n.a.
T 2	21 33	18 36	0n16	19 8	0 14	22 19	0 23	24 26	0 59	7 0	1 23	20 59	0 59	22 19	0 36	23 6	0 37	16 57	4 30	19 7	18 46	19 21			n.a.
W 3	21 43	15 31	1 31	19 37	0 21	22 33	0 25	24 30	0 59	6 58	1 23	21 0	0 59	22 19	0 36	23 6	0 37	16 57	4 30	19 6	18 47	19 20			n.a.
T 4	21 53	11 34	2 39	20 6	0 28	22 46	0 27	24 33	1 0	6 56	1 23	21 2	0 59	22 19	0 36	23 6	0 37	16 57	4 30	19 6	18 48	19 19			n.a.
F 5	22 3	7 4	3 37	20 33	0 34	22 59	0 29	24 35	1 0	6 54	1 24	21 3	0 59	22 20	0 36	23 6	0 37	16 57	4 30	19 6	18 49	19 19			n.a.
S 6	22 13	2 18	4 22	21 0	0 40	23 11	0 32	24 38	1 0	6 52	1 24	21 4	0 59	22 20	0 36	23 6	0 37	16 57	4 30	19 7	18 50	19 18			n.a.
S 7	22 21	2s31	4 52	21 26	0 47	23 22	0 34	24 40	1 0	6 50	1 24	21 5	0 59	22 20	0 36	23 6	0 37	16 56	4 30	19 8	18 50	19 17			n.a.
M 8	22 30	7 9	5 5	21 51	0 53	23 33	0 36	24 41	1 1	6 48	1 24	21 6	0 59	22 20	0 36	23 6	0 37	16 56	4 30	19 10	18 51	19 16			n.a.
T 9	22 38	11 22	5 3	22 15	0 58	23 43	0 38	24 43	1 1	6 46	1 25	21 7	0 58	22 21	0 36	23 6	0 36	16 56	4 30	19 13	18 52	19 16			n.a.
W10	22 46	15 1	4 45	22 37	1 4	23 52	0 40	24 44	1 1	6 44	1 25	21 9	0 58	22 21	0 36	23 6	0 36	16 56	4 30	19 15	18 53	19 15			n.a.
T 11	22 53	17 56	4 13	22 59	1 10	24 1	0 42	24 45	1 1	6 43	1 25	21 10	0 58	22 22	0 36	23 6	0 36	16 56	4 30	19 17	18 54	19 14			n.a.
F 12	22 59	19 58	3 30	23 20	1 15	24 9	0 45	24 46	1 2	6 41	1 26	21 11	0 58	22 22	0 36	23 6	0 36	16 56	4 30	19 19	18 55	19 14			n.a.
S 13	23 6	21 3	2 38	23 39	1 20	24 16	0 47	24 46	1 2	6 40	1 26	21 12	0 58	22 22	0 36	23 6	0 36	16 55	4 30	19 21	18 55	19 13			n.a.
S 14	23 11	21 8	1 39	23 57	1 25	24 22	0 49	24 46	1 2	6 38	1 26	21 13	0 58	22 23	0 36	23 6	0 36	16 55	4 30	19 22	18 56	19 12			n.a.
M15	23 17	20 17	0 37	24 14	1 29	24 27	0 51	24 46	1 2	6 37	1 26	21 14	0 58	22 23	0 36	23 6	0 36	16 55	4 29	19 23	18 57	19 11			n.a.
T 16	23 22	18 32	0s27	24 30	1 34	24 32	0 53	24 45	1 3	6 35	1 27	21 15	0 58	22 23	0 37	23 6	0 36	16 55	4 29	19 23	18 58	19 11			n.a.
W17	23 26	16 1	1 30	24 44	1 38	24 36	0 54	24 44	1 3	6 34	1 27	21 16	0 58	22 24	0 37	23 6	0 36	16 55	4 29	19 22	18 58	19 10			n.a.
T 18	23 30	12 49	2 29	24 57	1 42	24 39	0 56	24 43	1 3	6 33	1 27	21 17	0 58	22 24	0 37	23 6	0 36	16 55	4 29	19 22	18 59	19 9			n.a.
F 19	23 33	9 5	3 23	25 8	1 45	24 42	0 58	24 41	1 3	6 32	1 28	21 18	0 58	22 24	0 37	23 7	0 36	16 55	4 29	19 22	19 0	19 8			n.a.
S 20	23 36	4 55	4 8	25 18	1 49	24 44	1 0	24 40	1 3	6 31	1 28	21 20	0 58	22 25	0 37	23 7	0 36	16 55	4 29	19 22	19 1	19 7			n.a.
S 21	23 39	0 27	4 43	25 26	1 52	24 45	1 2	24 38	1 4	6 30	1 28	21 21	0 58	22 25	0 37	23 7	0 36	16 54	4 29	19 22	19 2	19 7			n.a.
M22	23 41	4n10	5 5	25 33	1 54	24 45	1 3	24 35	1 4	6 29	1 28	21 22	0 58	22 26	0 37	23 7	0 36	16 54	4 29	19 23	19 2	19 6			n.a.
T 23	23 42	8 45	5 12	25 38	1 56	24 44	1 5	24 33	1 4	6 28	1 29	21 23	0 58	22 26	0 37	23 7	0 36	16 54	4 29	19 24	19 3	19 5			n.a.
W24	23 43	13 2	5 1	25 42	1 58	24 43	1 7	24 30	1 4	6 27	1 29	21 24	0 58	22 26	0 37	23 7	0 36	16 54	4 29	19 25	19 4	19 4			n.a.
T 25	23 44	16 44	4 31	25 44	2 0	24 41	1 8	24 26	1 4	6 26	1 29	21 25	0 58	22 27	0 37	23 7	0 36	16 54	4 29	19 26	19 5	19 4			n.a.
F 26	23 44	19 31	3 44	25 44	2 1	24 38	1 10	24 23	1 4	6 26	1 30	21 26	0 58	22 27	0 37	23 7	0 36	16 54	4 28	19 28	19 6	19 3			n.a.
S 27	23 43	21 1	2 40	25 42	2 2	24 34	1 11	24 19	1 5	6 25	1 30	21 27	0 58	22 28	0 37	23 7	0 36	16 54	4 28	19 29	19 6	19 2			n.a.
S 28	23 43	21 3	1 25	25 38	2 2	24 29	1 13	24 15	1 5	6 25	1 30	21 28	0 58	22 28	0 37	23 7	0 36	16 54	4 28	19 29	19 7	19 1			n.a.
M29	23 41	19 35	0 4	25 33	2 2	24 24	1 14	24 11	1 5	6 24	1 31	21 29	0 58	22 29	0 37	23 7	0 36	16 54	4 28	19 29	19 8	19 0			n.a.
T 30	23 39	16 47	1n17	25 25	2 1	24 18	1 15	24 6	1 5	6 24	1 31	21 29	0 57	22 29	0 37	23 7	0 36	16 54	4 28	19 29	19 9	18 59			n.a.
W31	23s37	12n57	2n32	25s16	2s 0	24s11	1s17	24s 1	1s 5	6n23	1n31	21s30	0n57	22n29	0n37	23s 7	0n36	16n54	4s28	19n29	19n10	18s59			n.a.

Julian Day Number = 1608529.5, Delta T = 03h54m44s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'20, Lahiri = - 8°13'20 Julian Calendar 1 Dec. 310 BCE == Greg. Calendar 26 Nov. 310 BCE

The year -309 astronomical counting style corresponds to year 310 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

JANUARY 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 21 20	6♉24'49	17♍ 5	12♉44	15♉49	15♉13	17♍31	11♐45	22°R 7	28♐24	4°R23	4♌ 3	5♌19	6♒36	n.a.	T 1
F 2	6 25 16	7°25'44	1♎ 1	14°31	17° 5	16° 0	17°32	11°52	22♋ 5	28°26	4♊22	4° 4	5°15	6°42	n.a.	F 2
S 3	6 29 13	8°26'37	14°37	16°17	18°20	16°48	17°33	11°59	22° 2	28°28	4°21	4°R 4	5°12	6°49	n.a.	S 3
S 4	6 33 9	9°27'30	27°53	18° 4	19°35	17°35	17°34	12° 5	22° 0	28°31	4°20	4° 3	5° 9	6°55	n.a.	S 4
M 5	6 37 6	10°28'21	10♏51	19°51	20°50	18°23	17°34	12°12	21°57	28°33	4°19	4° 1	5° 6	7° 2	n.a.	M 5
T 6	6 41 2	11°29'12	23°34	21°38	22° 5	19°10	17°35	12°18	21°54	28°35	4°18	3°57	5° 3	7° 9	n.a.	T 6
W 7	6 44 59	12°30'01	6♐ 3	23°25	23°20	19°58	17°R35	12°25	21°52	28°37	4°17	3°54	5° 0	7°15	n.a.	W 7
T 8	6 48 55	13°30'49	18°20	25°11	24°35	20°45	17°35	12°31	21°49	28°39	4°16	3°50	4°56	7°22	n.a.	T 8
F 9	6 52 52	14°31'35	0♑28	26°57	25°50	21°32	17°34	12°37	21°47	28°42	4°15	3°47	4°53	7°29	n.a.	F 9
S 10	6 56 49	15°32'21	12°28	28°42	27° 5	22°20	17°34	12°44	21°44	28°44	4°14	3°45	4°50	7°35	n.a.	S 10
S 11	7 0 45	16°33'05	24°21	0♒25	28°20	23° 7	17°33	12°50	21°42	28°46	4°13	3°44	4°47	7°42	n.a.	S 11
M12	7 4 42	17°33'47	6♒10	2° 7	29°35	23°54	17°32	12°56	21°39	28°48	4°13	3°D44	4°44	7°49	n.a.	M12
T 13	7 8 38	18°34'27	17°57	3°47	0♒50	24°42	17°31	13° 2	21°36	28°50	4°12	3°44	4°40	7°55	n.a.	T 13
W14	7 12 35	19°35'06	29°44	5°24	2° 5	25°29	17°30	13° 8	21°34	28°53	4°11	3°45	4°37	8° 2	n.a.	W14
T 15	7 16 31	20°35'43	11♓35	6°58	3°20	26°16	17°28	13°15	21°31	28°55	4°10	3°47	4°34	8° 9	n.a.	T 15
F 16	7 20 28	21°36'18	23°33	8°29	4°35	27° 4	17°27	13°21	21°28	28°57	4° 9	3°48	4°31	8°15	n.a.	F 16
S 17	7 24 24	22°36'52	5♈44	9°55	5°50	27°51	17°25	13°27	21°26	28°59	4° 9	3°49	4°28	8°22	n.a.	S 17
S 18	7 28 21	23°37'23	18°10	11°17	7° 4	28°38	17°23	13°32	21°23	29° 1	4° 8	3°R49	4°25	8°28	n.a.	S 18
M19	7 32 18	24°37'52	0♉56	12°33	8°19	29°26	17°21	13°38	21°21	29° 3	4° 7	3°49	4°21	8°35	n.a.	M19
T 20	7 36 14	25°38'20	14° 7	13°42	9°34	0♒13	17°18	13°44	21°18	29° 5	4° 6	3°49	4°18	8°42	n.a.	T 20
W21	7 40 11	26°38'45	27°44	14°45	10°49	1° 0	17°16	13°50	21°15	29° 7	4° 6	3°48	4°15	8°48	n.a.	W21
T 22	7 44 7	27°39'09	11♊49	15°40	12° 3	1°47	17°13	13°56	21°13	29° 9	4° 5	3°47	4°12	8°55	n.a.	T 22
F 23	7 48 4	28°39'30	26°21	16°27	13°18	2°34	17°10	14° 1	21°10	29°12	4° 4	3°47	4° 9	9° 2	n.a.	F 23
S 24	7 52 0	29°39'49	11♋14	17° 5	14°33	3°22	17° 7	14° 7	21° 8	29°14	4° 4	3°46	4° 6	9° 8	n.a.	S 24
S 25	7 55 57	0♒40'07	26°22	17°35	15°48	4° 9	17° 3	14°13	21° 5	29°16	4° 3	3°D46	4° 2	9°15	n.a.	S 25
M26	7 59 53	1°40'22	11♌35	17°54	17° 2	4°56	17° 0	14°18	21° 2	29°18	4° 3	3°46	3°59	9°22	n.a.	M26
T 27	8 3 50	2°40'36	26°45	18° 4	18°17	5°43	16°56	14°24	21° 0	29°20	4° 2	3°46	3°56	9°28	n.a.	T 27
W28	8 7 47	3°40'48	11♍42	18°R 4	19°31	6°30	16°52	14°29	20°57	29°22	4° 1	3°R46	3°53	9°35	n.a.	W28
T 29	8 11 43	4°40'58	26°18	17°55	20°46	7°17	16°48	14°34	20°55	29°24	4° 1	3°46	3°50	9°42	n.a.	T 29
F 30	8 15 40	5°41'06	10♎30	17°36	22° 0	8° 4	16°44	14°40	20°52	29°25	4° 0	3°46	3°46	9°48	n.a.	F 30
S 31	8 19 36	6♒41'13	24♎15	17♒ 9	23♒15	8♒51	16♍40	14♐45	20♋50	29♐27	4♊ 0	3♌46	3♌43	9♒55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s34	8n27	3n35	25 s 5	1 s59	24 s 4	1 s18	23 s56	1 s 5	6n23	1n31	21 s31	0n57	22n30	0n37	23 s 7	0n36	16n53	4 s28	19n29	19n10	18 s58			n.a.
F 2	23 31	3 37	4 24	24 51	1 56	23 56	1 19	23 50	1 5	6 23	1 32	21 32	0 57	22 30	0 37	23 7	0 36	16 53	4 28	19 28	19 11	18 57			n.a.
S 3	23 27	1 s16	4 57	24 36	1 54	23 47	1 20	23 44	1 5	6 23	1 32	21 33	0 57	22 31	0 37	23 7	0 36	16 53	4 28	19 28	19 12	18 56			n.a.
S 4	23 23	5 59	5 13	24 19	1 50	23 37	1 21	23 38	1 5	6 23	1 32	21 34	0 57	22 31	0 37	23 7	0 36	16 53	4 27	19 29	19 13	18 55			n.a.
M 5	23 19	10 19	5 13	23 59	1 46	23 27	1 22	23 32	1 5	6 23	1 33	21 35	0 57	22 31	0 37	23 7	0 36	16 53	4 27	19 29	19 13	18 54			n.a.
T 6	23 14	14 6	4 57	23 38	1 41	23 16	1 23	23 25	1 5	6 23	1 33	21 36	0 57	22 32	0 37	23 7	0 36	16 53	4 27	19 30	19 14	18 54			n.a.
W 7	23 8	17 12	4 27	23 15	1 36	23 4	1 24	23 18	1 6	6 24	1 33	21 37	0 57	22 32	0 37	23 7	0 36	16 53	4 27	19 31	19 15	18 53			n.a.
T 8	23 2	19 28	3 45	22 50	1 30	22 51	1 25	23 11	1 6	6 24	1 34	21 38	0 57	22 33	0 37	23 7	0 36	16 53	4 27	19 32	19 16	18 52			n.a.
F 9	22 56	20 50	2 54	22 23	1 23	22 38	1 25	23 4	1 6	6 24	1 34	21 38	0 57	22 33	0 37	23 7	0 36	16 53	4 27	19 32	19 17	18 51			n.a.
S 10	22 49	21 14	1 55	21 54	1 16	22 24	1 26	22 56	1 6	6 25	1 34	21 39	0 57	22 34	0 37	23 7	0 36	16 53	4 27	19 33	19 17	18 50			n.a.
S 11	22 41	20 40	0 52	21 24	1 7	22 10	1 27	22 48	1 6	6 25	1 34	21 40	0 57	22 34	0 37	23 7	0 36	16 53	4 27	19 33	19 18	18 49			n.a.
M12	22 34	19 11	0 s14	20 52	0 58	21 54	1 27	22 40	1 6	6 26	1 35	21 41	0 57	22 35	0 37	23 7	0 36	16 53	4 26	19 33	19 19	18 48			n.a.
T 13	22 26	16 53	1 18	20 19	0 48	21 38	1 28	22 31	1 6	6 27	1 35	21 42	0 57	22 35	0 37	23 7	0 36	16 53	4 26	19 33	19 20	18 48			n.a.
W14	22 17	13 52	2 19	19 45	0 37	21 22	1 28	22 23	1 6	6 27	1 35	21 43	0 57	22 35	0 37	23 7	0 36	16 53	4 26	19 33	19 20	18 47			n.a.
T 15	22 8	10 18	3 15	19 10	0 26	21 5	1 28	22 14	1 6	6 28	1 36	21 43	0 57	22 36	0 37	23 7	0 36	16 53	4 26	19 33	19 21	18 46			n.a.
F 16	21 58	6 18	4 3	18 35	0 14	20 47	1 29	22 4	1 6	6 29	1 36	21 44	0 57	22 36	0 37	23 8	0 36	16 53	4 26	19 32	19 22	18 45			n.a.
S 17	21 49	1 59	4 41	17 59	0 1	20 29	1 29	21 55	1 6	6 30	1 36	21 45	0 57	22 37	0 37	23 8	0 36	16 53	4 26	19 32	19 23	18 44			n.a.
S 18	21 38	2n30	5 6	17 24	0n13	20 10	1 29	21 45	1 6	6 31	1 36	21 46	0 57	22 37	0 37	23 8	0 36	16 53	4 26	19 32	19 24	18 43			n.a.
M19	21 28	6 59	5 17	16 49	0 28	19 50	1 29	21 35	1 6	6 32	1 37	21 46	0 57	22 37	0 37	23 8	0 36	16 53	4 26	19 32	19 24	18 42			n.a.
T 20	21 16	11 18	5 13	16 14	0 42	19 30	1 29	21 25	1 6	6 34	1 37	21 47	0 57	22 38	0 37	23 8	0 36	16 53	4 25	19 32	19 25	18 41			n.a.
W21	21 5	15 11	4 51	15 41	0 58	19 10	1 29	21 15	1 6	6 35	1 37	21 48	0 57	22 38	0 37	23 8	0 36	16 53	4 25	19 32	19 26	18 40			n.a.
T 22	20 53	18 20	4 11	15 10	1 14	18 49	1 29	21 4	1 6	6 36	1 38	21 48	0 57	22 39	0 37	23 8	0 36	16 53	4 25	19 32	19 27	18 39			n.a.
F 23	20 41	20 27	3 14	14 41	1 29	18 27	1 29	20 53	1 5	6 38	1 38	21 49	0 57	22 39	0 37	23 8	0 36	16 53	4 25	19 33	19 27	18 38			n.a.
S 24	20 28	21 13	2 2	14 14	1 45	18 5	1 29	20 42	1 5	6 39	1 38	21 50	0 57	22 40	0 37	23 8	0 36	16 53	4 25	19 33	19 28	18 38			n.a.
S 25	20 15	20 28	0 41	13 50	2 1	17 42	1 28	20 31	1 5	6 41	1 38	21 50	0 57	22 40	0 37	23 8	0 36	16 53	4 25	19 33	19 29	18 37			n.a.
M26	20 2	18 13	0n43	13 29	2 17	17 19	1 28	20 19	1 5	6 42	1 39	21 51	0 57	22 40	0 37	23 8	0 36	16 53	4 25	19 33	19 30	18 36			n.a.
T 27	19 48	14 42	2 5	13 11	2 32	16 55	1 28	20 7	1 5	6 44	1 39	21 52	0 57	22 41	0 37	23 8	0 36	16 53	4 24	19 33	19 30	18 35			n.a.
W28	19 34	10 16	3 16	12 58	2 46	16 31	1 27	19 55	1 5	6 46	1 39	21 52	0 57	22 41	0 37	23 8	0 36	16 53	4 24	19 33	19 31	18 34			n.a.
T 29	19 20	5 21	4 13	12 48	3 0	16 7	1 26	19 43	1 5	6 47	1 39	21 53	0 57	22 42	0 37	23 8	0 36	16 53	4 24	19 33	19 32	18 33			n.a.
F 30	19 5	0 16	4 52	12 42	3 12	15 42	1 26	19 31	1 5	6 49	1 40	21 54	0 57	22 42	0 37	23 8	0 36	16 53	4 24	19 33	19 33	18 32			n.a.
S 31	18 s50	4 s39	5n14	12 s40	3n23	15 s16	1 s25	19 s18	1 s 5	6n51	1n40	21 s54	0n57	22n42	0n37	23 s 8	0n36	16n53	4 s24	19n33	19n33	18 s31			n.a.

Julian Day Number = 1608560.5, Delta T = 03h54m42s
Ecliptic obliquity = 23°43'52, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'16, Lahiri = - 8°13'15 Julian Calendar 1 Jan. 309 BCE == Greg. Calendar 27 Dec. 310 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

FEBRUARY 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 23 33	7♒41'18	7♏35	16°R33	24♒29	9♒38	16°R36	14♐50	20°R47	29♐29	3°R59	3°D46	3♌40	10♒ 2	n.a.	S 1
M 2	8 27 29	8°41'22	20°31	15♒50	25°44	10°25	16♍31	14°55	20♋45	29°31	3♊59	3♌46	3°37	10° 8	n.a.	M 2
T 3	8 31 26	9°41'24	3♐ 7	15° 1	26°58	11°12	16°26	15° 0	20°42	29°33	3°59	3°46	3°34	10°15	n.a.	T 3
W 4	8 35 22	10°41'24	15°26	14° 8	28°13	11°59	16°21	15° 5	20°40	29°35	3°58	3°47	3°31	10°21	n.a.	W 4
T 5	8 39 19	11°41'22	27°32	13°10	29°27	12°46	16°16	15°10	20°38	29°37	3°58	3°48	3°27	10°28	n.a.	T 5
F 6	8 43 15	12°41'18	9♑29	12°11	0♓42	13°33	16°11	15°15	20°35	29°38	3°57	3°49	3°24	10°35	n.a.	F 6
S 7	8 47 12	13°41'13	21°20	11°11	1°56	14°20	16° 5	15°20	20°33	29°40	3°57	3°49	3°21	10°41	n.a.	S 7
S 8	8 51 9	14°41'06	3♒ 8	10°12	3°10	15° 7	16° 0	15°24	20°30	29°42	3°57	3°R50	3°18	10°48	n.a.	S 8
M 9	8 55 5	15°40'56	14°55	9°14	4°24	15°53	15°54	15°29	20°28	29°44	3°57	3°49	3°15	10°55	n.a.	M 9
T 10	8 59 2	16°40'44	26°43	8°19	5°39	16°40	15°48	15°34	20°26	29°45	3°56	3°48	3°11	11° 1	n.a.	T 10
W11	9 2 58	17°40'31	8♓35	7°29	6°53	17°27	15°42	15°38	20°24	29°47	3°56	3°47	3° 8	11° 8	n.a.	W11
T 12	9 6 55	18°40'15	20°33	6°43	8° 7	18°14	15°36	15°42	20°21	29°49	3°56	3°45	3° 5	11°15	n.a.	T 12
F 13	9 10 51	19°39'57	2♈38	6° 2	9°21	19° 0	15°30	15°47	20°19	29°50	3°56	3°42	3° 2	11°21	n.a.	F 13
S 14	9 14 48	20°39'36	14°54	5°28	10°35	19°47	15°24	15°51	20°17	29°52	3°55	3°40	2°59	11°28	n.a.	S 14
S 15	9 18 44	21°39'13	27°24	4°59	11°49	20°34	15°17	15°55	20°15	29°54	3°55	3°38	2°56	11°35	n.a.	S 15
M16	9 22 41	22°38'48	10♉10	4°37	13° 3	21°20	15°11	15°59	20°13	29°55	3°55	3°36	2°52	11°41	n.a.	M16
T 17	9 26 38	23°38'20	23°15	4°20	14°17	22° 7	15° 4	16° 3	20°11	29°57	3°55	3°D36	2°49	11°48	n.a.	T 17
W18	9 30 34	24°37'50	6♊43	4°10	15°31	22°53	14°57	16° 7	20° 9	29°58	3°55	3°36	2°46	11°55	n.a.	W18
T 19	9 34 31	25°37'18	20°34	4°D 6	16°45	23°40	14°51	16°11	20° 7	29°59	3°55	3°37	2°43	12° 1	n.a.	T 19
F 20	9 38 27	26°36'43	4♋51	4° 8	17°59	24°26	14°44	16°15	20° 5	0♉ 1	3°55	3°39	2°40	12° 8	n.a.	F 20
S 21	9 42 24	27°36'06	19°29	4°16	19°13	25°12	14°37	16°19	20° 3	0° 3	3°D55	3°40	2°37	12°14	n.a.	S 21
S 22	9 46 20	28°35'27	4♌27	4°29	20°27	25°59	14°30	16°22	20° 1	0° 4	3°55	3°R40	2°33	12°21	n.a.	S 22
M23	9 50 17	29°34'45	19°35	4°47	21°41	26°45	14°22	16°26	19°59	0° 5	3°55	3°40	2°30	12°28	n.a.	M23
T 24	9 54 13	0♓34'01	4♍46	5°11	22°54	27°31	14°15	16°29	19°57	0° 7	3°55	3°38	2°27	12°34	n.a.	T 24
W25	9 58 10	1°33'14	19°50	5°38	24° 8	28°17	14° 8	16°33	19°56	0° 8	3°55	3°34	2°24	12°41	n.a.	W25
T 26	10 2 7	2°32'26	4♎38	6°11	25°22	29° 4	14° 0	16°36	19°54	0° 9	3°55	3°30	2°21	12°48	n.a.	T 26
F 27	10 6 3	3°31'36	19° 2	6°47	26°35	29°50	13°53	16°39	19°52	0°11	3°55	3°26	2°17	12°54	n.a.	F 27
S 28	10 10 0	4°30'43	2♏59	7°28	27°49	0♓36	13°46	16°42	19°50	0°12	3°55	3°22	2°14	13° 1	n.a.	S 28
S 29	10 13 56	5♓29'49	16♏28	8♒12	29♓ 2	1♓22	13♍38	16♐45	19♋49	0♉13	3♊56	3♌19	2♌11	13♒ 8	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s34	9s12	5n17	12s41	3n33	14s50	1s24	19s 5	1s 5	6n53	1n40	21s55	0n57	22n43	0n37	23s 8	0n36	16n53	4s24	19n33	19n34	18s30		n.a.
M 2	18 18	13 12	5 5	12 47	3 40	14 24	1 24	18 53	1 5	6 55	1 40	21 55	0 57	22 43	0 37	23 8	0 36	16 53	4 24	19 33	19 35	18 29		n.a.
T 3	18 2	16 30	4 38	12 56	3 46	13 58	1 23	18 39	1 4	6 57	1 41	21 56	0 57	22 43	0 37	23 8	0 36	16 53	4 23	19 33	19 36	18 28		n.a.
W 4	17 46	18 59	3 58	13 8	3 49	13 31	1 22	18 26	1 4	7 0	1 41	21 57	0 57	22 44	0 37	23 8	0 36	16 53	4 23	19 33	19 36	18 27		n.a.
T 5	17 29	20 34	3 8	13 23	3 51	13 4	1 21	18 12	1 4	7 2	1 41	21 57	0 57	22 44	0 37	23 8	0 36	16 54	4 23	19 32	19 37	18 26		n.a.
F 6	17 12	21 12	2 11	13 40	3 50	12 36	1 20	17 59	1 4	7 4	1 41	21 58	0 57	22 45	0 37	23 8	0 36	16 54	4 23	19 32	19 38	18 25		n.a.
S 7	16 55	20 53	1 9	13 59	3 48	12 8	1 18	17 45	1 4	7 6	1 41	21 58	0 57	22 45	0 37	23 8	0 36	16 54	4 23	19 32	19 39	18 24		n.a.
S 8	16 38	19 38	0 4	14 20	3 43	11 40	1 17	17 31	1 4	7 9	1 42	21 59	0 57	22 45	0 37	23 8	0 36	16 54	4 23	19 32	19 39	18 23		n.a.
M 9	16 20	17 32	1s 1	14 41	3 36	11 11	1 16	17 17	1 3	7 11	1 42	21 59	0 57	22 46	0 37	23 8	0 36	16 54	4 22	19 32	19 40	18 22		n.a.
T 10	16 2	14 42	2 4	15 3	3 28	10 42	1 15	17 2	1 3	7 14	1 42	22 0	0 57	22 46	0 37	23 8	0 36	16 54	4 22	19 32	19 41	18 21		n.a.
W11	15 43	11 14	3 1	15 26	3 19	10 13	1 13	16 48	1 3	7 16	1 42	22 0	0 57	22 46	0 37	23 8	0 36	16 54	4 22	19 33	19 42	18 20		n.a.
T 12	15 25	7 19	3 51	15 48	3 8	9 44	1 12	16 33	1 3	7 19	1 42	22 1	0 57	22 47	0 37	23 8	0 36	16 54	4 22	19 33	19 42	18 19		n.a.
F 13	15 6	3 5	4 31	16 9	2 56	9 14	1 10	16 18	1 3	7 21	1 43	22 1	0 57	22 47	0 37	23 8	0 36	16 54	4 22	19 34	19 43	18 18		n.a.
S 14	14 47	1n21	4 59	16 30	2 43	8 44	1 9	16 3	1 2	7 24	1 43	22 1	0 57	22 47	0 37	23 8	0 36	16 54	4 22	19 34	19 44	18 17		n.a.
S 15	14 28	5 47	5 14	16 50	2 30	8 14	1 7	15 48	1 2	7 27	1 43	22 2	0 57	22 48	0 37	23 8	0 36	16 55	4 22	19 35	19 45	18 16		n.a.
M16	14 8	10 5	5 14	17 9	2 16	7 44	1 5	15 32	1 2	7 29	1 43	22 2	0 57	22 48	0 37	23 8	0 36	16 55	4 21	19 35	19 45	18 15		n.a.
T 17	13 48	14 1	4 58	17 26	2 2	7 14	1 3	15 17	1 2	7 32	1 43	22 3	0 57	22 48	0 37	23 8	0 36	16 55	4 21	19 35	19 46	18 14		n.a.
W18	13 28	17 21	4 25	17 43	1 47	6 43	1 2	15 1	1 2	7 35	1 43	22 3	0 57	22 49	0 37	23 8	0 36	16 55	4 21	19 35	19 47	18 13		n.a.
T 19	13 8	19 48	3 36	17 58	1 33	6 12	1 0	14 46	1 1	7 38	1 44	22 3	0 57	22 49	0 37	23 8	0 36	16 55	4 21	19 35	19 48	18 12		n.a.
F 20	12 48	21 6	2 32	18 11	1 19	5 41	0 58	14 30	1 1	7 41	1 44	22 4	0 57	22 49	0 37	23 8	0 36	16 55	4 21	19 34	19 48	18 11		n.a.
S 21	12 27	21 1	1 17	18 23	1 5	5 10	0 56	14 14	1 1	7 43	1 44	22 4	0 57	22 49	0 37	23 8	0 36	16 55	4 21	19 34	19 49	18 10		n.a.
S 22	12 6	19 27	0n 4	18 33	0 51	4 39	0 54	13 58	1 1	7 46	1 44	22 5	0 57	22 50	0 37	23 8	0 36	16 56	4 20	19 34	19 50	18 9		n.a.
M23	11 45	16 30	1 27	18 42	0 37	4 8	0 52	13 42	1 0	7 49	1 44	22 5	0 57	22 50	0 37	23 8	0 36	16 56	4 20	19 34	19 50	18 8		n.a.
T 24	11 24	12 24	2 43	18 49	0 24	3 36	0 50	13 25	1 0	7 52	1 44	22 5	0 57	22 50	0 37	23 8	0 36	16 56	4 20	19 35	19 51	18 7		n.a.
W25	11 3	7 33	3 47	18 55	0 11	3 5	0 47	13 9	1 0	7 55	1 44	22 6	0 57	22 50	0 37	23 8	0 36	16 56	4 20	19 36	19 52	18 5		n.a.
T 26	10 42	2 20	4 35	18 59	0s 1	2 33	0 45	12 52	1 0	7 58	1 44	22 6	0 57	22 51	0 37	23 8	0 36	16 56	4 20	19 36	19 53	18 4		n.a.
F 27	10 20	2s52	5 4	19 1	0 13	2 2	0 43	12 36	0 59	8 1	1 44	22 6	0 57	22 51	0 37	23 8	0 36	16 56	4 20	19 37	19 53	18 3		n.a.
S 28	9 58	7 45	5 13	19 2	0 25	1 30	0 41	12 19	0 59	8 4	1 45	22 7	0 57	22 51	0 37	23 8	0 36	16 57	4 19	19 38	19 54	18 2		n.a.
S 29	9s36	12s 5	5n 5	19s 1	0s36	0s58	0s38	12s 2	0s59	8n 7	1n45	22s 7	0n57	22n51	0n37	23s 8	0n36	16n57	4s19	19n39	19n55	18s 1		n.a.

Julian Day Number = 1608591.5, Delta T = 03h54m41s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'12, Lahiri = - 8°13'11 Julian Calendar 1 Feb. 309 BCE == Greg. Calendar 27 Jan. 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

MARCH 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 17 53	6♓28'53	29♏29	9♒ 0	0♈16	2♓ 8	13°R30	16♐48	19°R47	0♉14	3♊56	3°R18	2♌ 8	13♒14	n.a.	M 1
T 2	10 21 49	7°27'55	12♐ 6	9°51	1°29	2°54	13♏23	16°51	19♋46	0°15	3°56	3°D18	2° 5	13°21	n.a.	T 2
W 3	10 25 46	8°26'56	24°23	10°45	2°43	3°40	13°15	16°54	19°44	0°17	3°56	3♌19	2° 2	13°28	n.a.	W 3
T 4	10 29 42	9°25'54	6♉26	11°42	3°56	4°26	13° 7	16°56	19°43	0°18	3°57	3°20	1°58	13°34	n.a.	T 4
F 5	10 33 39	10°24'51	18°18	12°42	5° 9	5°12	13° 0	16°59	19°41	0°19	3°57	3°22	1°55	13°41	n.a.	F 5
S 6	10 37 35	11°23'46	0♒ 6	13°45	6°23	5°57	12°52	17° 2	19°40	0°20	3°57	3°R23	1°52	13°48	n.a.	S 6
S 7	10 41 32	12°22'39	11°51	14°50	7°36	6°43	12°44	17° 4	19°39	0°21	3°58	3°22	1°49	13°54	n.a.	S 7
M 8	10 45 29	13°21'29	23°39	15°58	8°49	7°29	12°37	17° 6	19°38	0°22	3°58	3°20	1°46	14° 1	n.a.	M 8
T 9	10 49 25	14°20'18	5♓32	17° 8	10° 2	8°15	12°29	17° 8	19°36	0°23	3°58	3°16	1°43	14° 7	n.a.	T 9
W10	10 53 22	15°19'05	17°32	18°20	11°16	9° 0	12°21	17°11	19°35	0°24	3°59	3°10	1°39	14°14	n.a.	W10
T 11	10 57 18	16°17'49	29°40	19°35	12°29	9°46	12°14	17°13	19°34	0°24	3°59	3° 3	1°36	14°21	n.a.	T 11
F 12	11 1 15	17°16'31	11♈59	20°52	13°42	10°31	12° 6	17°15	19°33	0°25	4° 0	2°55	1°33	14°27	n.a.	F 12
S 13	11 5 11	18°15'12	24°28	22°10	14°55	11°17	11°58	17°16	19°32	0°26	4° 0	2°47	1°30	14°34	n.a.	S 13
S 14	11 9 8	19°13'50	7♉ 9	23°31	16° 8	12° 2	11°51	17°18	19°31	0°27	4° 1	2°39	1°27	14°41	n.a.	S 14
M15	11 13 4	20°12'25	20° 3	24°53	17°20	12°48	11°43	17°20	19°30	0°28	4° 1	2°34	1°23	14°47	n.a.	M15
T 16	11 17 1	21°10'59	3♊13	26°18	18°33	13°33	11°35	17°21	19°29	0°28	4° 2	2°30	1°20	14°54	n.a.	T 16
W17	11 20 57	22° 9'30	16°38	27°44	19°46	14°19	11°28	17°23	19°29	0°29	4° 2	2°D28	1°17	15° 1	n.a.	W17
T 18	11 24 54	23° 7'59	0♋22	29°12	20°59	15° 4	11°21	17°24	19°28	0°30	4° 3	2°29	1°14	15° 7	n.a.	T 18
F 19	11 28 51	24° 6'26	14°24	0♓42	22°11	15°49	11°13	17°25	19°27	0°30	4° 3	2°29	1°11	15°14	n.a.	F 19
S 20	11 32 47	25° 4'51	28°44	2°14	23°24	16°34	11° 6	17°27	19°27	0°31	4° 4	2°R30	1° 8	15°21	n.a.	S 20
S 21	11 36 44	26° 3'13	13♌22	3°48	24°37	17°19	10°59	17°28	19°26	0°32	4° 5	2°30	1° 4	15°27	n.a.	S 21
M22	11 40 40	27° 1'33	28°11	5°23	25°49	18° 4	10°51	17°29	19°25	0°32	4° 5	2°27	1° 1	15°34	n.a.	M22
T 23	11 44 37	27°59'51	13♍ 7	7° 0	27° 1	18°49	10°44	17°30	19°25	0°33	4° 6	2°23	0°58	15°41	n.a.	T 23
W24	11 48 33	28°58'07	28° 1	8°38	28°14	19°34	10°37	17°30	19°24	0°33	4° 7	2°16	0°55	15°47	n.a.	W24
T 25	11 52 30	29°56'21	12♎44	10°19	29°26	20°19	10°30	17°31	19°24	0°33	4° 7	2° 7	0°52	15°54	n.a.	T 25
F 26	11 56 26	0♈54'33	27° 8	12° 1	0♉38	21° 4	10°23	17°32	19°24	0°34	4° 8	1°58	0°48	16° 0	n.a.	F 26
S 27	12 0 23	1°52'43	11♏ 8	13°45	1°51	21°49	10°17	17°32	19°23	0°34	4° 9	1°49	0°45	16° 7	n.a.	S 27
S 28	12 4 20	2°50'52	24°41	15°31	3° 3	22°34	10°10	17°33	19°23	0°35	4°10	1°42	0°42	16°14	n.a.	S 28
M29	12 8 16	3°48'59	7♐47	17°18	4°15	23°18	10° 3	17°33	19°23	0°35	4°11	1°37	0°39	16°20	n.a.	M29
T 30	12 12 13	4°47'05	20°27	19° 7	5°27	24° 3	9°57	17°33	19°23	0°35	4°11	1°33	0°36	16°27	n.a.	T 30
W31	12 16 9	5♈45'09	2♉47	20♓58	6♉39	24♓48	9♏51	17♐33	19♋23	0♉35	4♊12	1°D32	0♌33	16♒34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	9s14	15s42	4n42	18s58	0s46	0s26	0s36	11s45	0s58	8n10	1n45	22s 7	0n57	22n52	0n37	23s 8	0n36	16n57	4s19	19n39	19n56	18s 0			n.a.
T 2	8 52	18 29	4 5	18 54	0 56	0n 5	0 33	11 28	0 58	8 13	1 45	22 7	0 57	22 52	0 37	23 8	0 36	16 57	4 19	19 39	19 56	17 59			n.a.
W 3	8 30	20 20	3 17	18 48	1 6	0 37	0 31	11 11	0 58	8 16	1 45	22 8	0 57	22 52	0 37	23 8	0 36	16 57	4 19	19 39	19 57	17 58			n.a.
T 4	8 8	21 13	2 22	18 41	1 15	1 9	0 28	10 54	0 57	8 19	1 45	22 8	0 57	22 52	0 37	23 8	0 36	16 58	4 19	19 39	19 58	17 57			n.a.
F 5	7 45	21 7	1 21	18 32	1 23	1 41	0 26	10 36	0 57	8 22	1 45	22 8	0 57	22 52	0 37	23 8	0 36	16 58	4 19	19 38	19 58	17 56			n.a.
S 6	7 23	20 5	0 18	18 22	1 31	2 13	0 23	10 19	0 57	8 25	1 45	22 8	0 57	22 52	0 37	23 8	0 36	16 58	4 18	19 38	19 59	17 54			n.a.
S 7	7 0	18 11	0s46	18 9	1 39	2 44	0 21	10 1	0 56	8 28	1 45	22 9	0 57	22 53	0 37	23 8	0 36	16 58	4 18	19 38	20 0	17 53			n.a.
M 8	6 37	15 30	1 48	17 56	1 46	3 16	0 18	9 44	0 56	8 31	1 45	22 9	0 57	22 53	0 37	23 8	0 36	16 58	4 18	19 39	20 1	17 52			n.a.
T 9	6 14	12 10	2 46	17 40	1 52	3 47	0 15	9 26	0 56	8 34	1 45	22 9	0 57	22 53	0 37	23 8	0 36	16 59	4 18	19 40	20 1	17 51			n.a.
W10	5 51	8 18	3 37	17 23	1 58	4 19	0 12	9 9	0 55	8 37	1 45	22 9	0 57	22 53	0 37	23 8	0 36	16 59	4 18	19 41	20 2	17 50			n.a.
T 11	5 28	4 4	4 18	17 5	2 4	4 50	0 10	8 51	0 55	8 40	1 45	22 9	0 57	22 53	0 37	23 8	0 36	16 59	4 18	19 43	20 3	17 49			n.a.
F 12	5 5	0n23	4 48	16 45	2 9	5 22	0 7	8 33	0 55	8 43	1 45	22 9	0 58	22 53	0 37	23 8	0 36	16 59	4 17	19 45	20 3	17 48			n.a.
S 13	4 42	4 52	5 5	16 23	2 13	5 53	0 4	8 15	0 54	8 46	1 45	22 10	0 58	22 54	0 37	23 8	0 36	17 0	4 17	19 47	20 4	17 47			n.a.
S 14	4 19	9 14	5 7	16 0	2 17	6 24	0 1	7 57	0 54	8 49	1 45	22 10	0 58	22 54	0 37	23 8	0 36	17 0	4 17	19 48	20 5	17 45			n.a.
M15	3 56	13 15	4 54	15 35	2 20	6 55	0n 1	7 40	0 54	8 52	1 45	22 10	0 58	22 54	0 36	23 8	0 36	17 0	4 17	19 50	20 6	17 44			n.a.
T 16	3 32	16 43	4 25	15 8	2 23	7 25	0 4	7 22	0 53	8 55	1 45	22 10	0 58	22 54	0 36	23 8	0 36	17 0	4 17	19 51	20 6	17 43			n.a.
W17	3 9	19 22	3 42	14 40	2 25	7 56	0 7	7 4	0 53	8 58	1 45	22 10	0 58	22 54	0 36	23 8	0 36	17 1	4 17	19 51	20 7	17 42			n.a.
T 18	2 45	20 59	2 44	14 11	2 27	8 26	0 10	6 45	0 52	9 1	1 45	22 10	0 58	22 54	0 36	23 8	0 36	17 1	4 17	19 51	20 8	17 41			n.a.
F 19	2 22	21 21	1 36	13 40	2 28	8 57	0 13	6 27	0 52	9 3	1 45	22 10	0 58	22 54	0 36	23 7	0 36	17 1	4 16	19 51	20 8	17 40			n.a.
S 20	1 59	20 20	0 20	13 7	2 29	9 27	0 16	6 9	0 52	9 6	1 45	22 10	0 58	22 54	0 36	23 7	0 36	17 1	4 16	19 50	20 9	17 38			n.a.
S 21	1 35	17 56	0n58	12 33	2 29	9 56	0 19	5 51	0 51	9 9	1 45	22 11	0 58	22 54	0 36	23 7	0 36	17 2	4 16	19 51	20 10	17 37			n.a.
M22	1 12	14 20	2 14	11 57	2 28	10 26	0 22	5 33	0 51	9 11	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 2	4 16	19 51	20 11	17 36			n.a.
T 23	0 48	9 47	3 20	11 20	2 27	10 55	0 25	5 15	0 50	9 14	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 2	4 16	19 52	20 11	17 35			n.a.
W24	0 25	4 39	4 13	10 41	2 26	11 24	0 28	4 56	0 50	9 17	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 2	4 16	19 54	20 12	17 34			n.a.
T 25	0 1	0s40	4 48	10 0	2 24	11 53	0 31	4 38	0 50	9 19	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 3	4 16	19 56	20 13	17 32			n.a.
F 26	0n22	5 51	5 4	9 19	2 21	12 21	0 33	4 20	0 49	9 22	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 3	4 15	19 58	20 13	17 31			n.a.
S 27	0 45	10 35	5 1	8 35	2 18	12 50	0 36	4 2	0 49	9 24	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 3	4 15	20 0	20 14	17 30			n.a.
S 28	1 9	14 37	4 41	7 51	2 15	13 18	0 39	3 43	0 48	9 27	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 4	4 15	20 1	20 15	17 29			n.a.
M29	1 32	17 49	4 7	7 4	2 10	13 45	0 42	3 25	0 48	9 29	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 4	4 15	20 3	20 15	17 28			n.a.
T 30	1 55	20 2	3 21	6 17	2 6	14 12	0 45	3 7	0 47	9 32	1 44	22 11	0 58	22 54	0 36	23 7	0 36	17 4	4 15	20 3	20 16	17 26			n.a.
W31	2n19	21s15	2n28	5s28	2s 1	14n39	0n48	2s48	0s47	9n34	1n43	22s11	0n58	22n54	0n36	23s 7	0n36	17n 4	4s15	20n 4	20n17	17s25			n.a.

Julian Day Number = 1608620.5, Delta T = 03h54m40s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'08, Lahiri = - 8°13'07 Julian Calendar 1 March 309 BCE == Greg. Calendar 25 Feb. 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

APRIL 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 20 6	6♈43'12	14♉50	22♓51	7♉51	25♓32	9°R44	17°R33	19°D23	0♉36	4♊13	1♌33	0♌29	16♒40	n.a.	T 1
F 2	12 24 2	7°41'13	26°43	24°46	9° 3	26°17	9♍38	17♐33	19♋23	0°36	4°14	1°R33	0°26	16°47	n.a.	F 2
S 3	12 27 59	8°39'13	8♒31	26°42	10°15	27° 1	9°32	17°33	19°23	0°36	4°15	1°33	0°23	16°54	n.a.	S 3
S 4	12 31 55	9°37'11	20°18	28°40	11°26	27°46	9°26	17°33	19°23	0°36	4°16	1°31	0°20	17° 0	n.a.	S 4
M 5	12 35 52	10°35'08	2♓ 9	0♈40	12°38	28°30	9°21	17°32	19°23	0°36	4°17	1°27	0°17	17° 7	n.a.	M 5
T 6	12 39 49	11°33'03	14° 8	2°41	13°50	29°14	9°15	17°32	19°24	0°36	4°18	1°20	0°14	17°14	n.a.	T 6
W 7	12 43 45	12°30'57	26°17	4°44	15° 1	29°58	9°10	17°31	19°24	0°R36	4°19	1°11	0°10	17°20	n.a.	W 7
T 8	12 47 42	13°28'49	8♈38	6°48	16°13	0♈43	9° 4	17°31	19°24	0°36	4°20	1° 0	0° 7	17°27	n.a.	T 8
F 9	12 51 38	14°26'39	21°13	8°54	17°24	1°27	8°59	17°30	19°25	0°36	4°21	0°48	0° 4	17°34	n.a.	F 9
S 10	12 55 35	15°24'28	4♉ 0	11° 1	18°36	2°11	8°54	17°29	19°25	0°36	4°22	0°35	0° 1	17°40	n.a.	S 10
S 11	12 59 31	16°22'16	17° 0	13°10	19°47	2°55	8°49	17°28	19°26	0°36	4°23	0°24	29♋58	17°47	n.a.	S 11
M12	13 3 28	17°20'01	0♊12	15°19	20°58	3°39	8°44	17°27	19°26	0°36	4°24	0°15	29°54	17°54	n.a.	M12
T 13	13 7 24	18°17'45	13°35	17°29	22° 9	4°23	8°40	17°26	19°27	0°35	4°25	0° 8	29°51	18° 0	n.a.	T 13
W14	13 11 21	19°15'28	27°10	19°40	23°21	5° 7	8°35	17°25	19°28	0°35	4°26	0° 5	29°48	18° 7	n.a.	W14
T 15	13 15 17	20°13'09	10♋55	21°51	24°32	5°51	8°31	17°23	19°28	0°35	4°27	0° 3	29°45	18°14	n.a.	T 15
F 16	13 19 14	21°10'48	24°52	24° 1	25°43	6°34	8°27	17°22	19°29	0°35	4°28	0° 3	29°42	18°20	n.a.	F 16
S 17	13 23 11	22° 8'25	9♌ 1	26°12	26°53	7°18	8°23	17°20	19°30	0°34	4°29	0° 3	29°39	18°27	n.a.	S 17
S 18	13 27 7	23° 6'00	23°20	28°22	28° 4	8° 2	8°19	17°19	19°31	0°34	4°30	0° 2	29°35	18°33	n.a.	S 18
M19	13 31 4	24° 3'34	7♍48	0♉32	29°15	8°45	8°16	17°17	19°32	0°34	4°32	29♋58	29°32	18°40	n.a.	M19
T 20	13 35 0	25° 1'06	22°20	2°40	0♊26	9°29	8°12	17°15	19°33	0°33	4°33	29°52	29°29	18°47	n.a.	T 20
W21	13 38 57	25°58'37	6♎51	4°47	1°36	10°12	8° 9	17°14	19°34	0°33	4°34	29°43	29°26	18°53	n.a.	W21
T 22	13 42 53	26°56'07	21°14	6°53	2°47	10°56	8° 6	17°12	19°35	0°32	4°35	29°32	29°23	19° 0	n.a.	T 22
F 23	13 46 50	27°53'35	5♏24	8°57	3°57	11°39	8° 3	17°10	19°36	0°32	4°36	29°20	29°19	19° 7	n.a.	F 23
S 24	13 50 46	28°51'02	19°14	10°59	5° 7	12°22	8° 0	17° 7	19°37	0°31	4°38	29° 9	29°16	19°13	n.a.	S 24
S 25	13 54 43	29°48'28	2♐42	12°58	6°18	13° 6	7°57	17° 5	19°39	0°31	4°39	28°59	29°13	19°20	n.a.	S 25
M26	13 58 40	0♑45'53	15°45	14°56	7°28	13°49	7°55	17° 3	19°40	0°30	4°40	28°52	29°10	19°27	n.a.	M26
T 27	14 2 36	1°43'17	28°26	16°50	8°38	14°32	7°53	17° 1	19°41	0°29	4°41	28°47	29° 7	19°33	n.a.	T 27
W28	14 6 33	2°40'41	10♉47	18°43	9°48	15°15	7°51	16°58	19°43	0°29	4°43	28°44	29° 4	19°40	n.a.	W28
T 29	14 10 29	3°38'03	22°51	20°33	10°58	15°58	7°49	16°56	19°44	0°28	4°44	28°43	29° 0	19°47	n.a.	T 29
F 30	14 14 26	4♉35'25	4♒46	22♉20	12♊ 8	16♈41	7♍47	16♐53	19♋46	0♉27	4♊45	28♋43	28♋57	19♒53	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n42	21s26	1n28	4s37	1s55	15n 6	0n51	2s30	0s46	9n36	1n43	22s11	0n58	22n54	0n36	23s 7	0n36	17n 5	4s15	20n 4	20n17	17s24		n.a.
F 2	3 5	20 39	0 26	3 46	1 48	15 32	0 54	2 12	0 46	9 38	1 43	22 11	0 58	22 54	0 36	23 7	0 36	17 5	4 14	20 3	20 18	17 23		n.a.
S 3	3 28	18 57	0s37	2 53	1 42	15 58	0 57	1 54	0 45	9 40	1 43	22 11	0 58	22 54	0 36	23 7	0 36	17 5	4 14	20 3	20 19	17 21		n.a.
S 4	3 51	16 27	1 38	1 59	1 34	16 23	1 0	1 35	0 45	9 43	1 43	22 11	0 58	22 54	0 36	23 7	0 36	17 6	4 14	20 4	20 20	17 20		n.a.
M 5	4 14	13 15	2 35	1 3	1 27	16 48	1 2	1 17	0 45	9 45	1 43	22 11	0 58	22 54	0 36	23 7	0 36	17 6	4 14	20 5	20 20	17 19		n.a.
T 6	4 37	9 29	3 26	0 7	1 18	17 13	1 5	0 59	0 44	9 47	1 42	22 11	0 58	22 54	0 36	23 7	0 36	17 6	4 14	20 6	20 21	17 18		n.a.
W 7	5 0	5 17	4 8	0n50	1 10	17 37	1 8	0 40	0 44	9 48	1 42	22 11	0 58	22 54	0 36	23 7	0 37	17 7	4 14	20 8	20 22	17 16		n.a.
T 8	5 23	0 48	4 39	1 48	1 1	18 1	1 11	0 22	0 43	9 50	1 42	22 10	0 58	22 54	0 36	23 7	0 37	17 7	4 14	20 11	20 22	17 15		n.a.
F 9	5 46	3n47	4 57	2 47	0 51	18 24	1 13	0 4	0 43	9 52	1 42	22 10	0 58	22 54	0 36	23 7	0 37	17 7	4 13	20 14	20 23	17 14		n.a.
S 10	6 8	8 17	5 1	3 47	0 41	18 47	1 16	0n14	0 42	9 54	1 42	22 10	0 58	22 54	0 36	23 7	0 37	17 7	4 13	20 16	20 24	17 13		n.a.
S 11	6 31	12 30	4 49	4 47	0 31	19 10	1 19	0 32	0 42	9 56	1 41	22 10	0 58	22 54	0 36	23 7	0 37	17 8	4 13	20 19	20 24	17 11		n.a.
M12	6 53	16 11	4 22	5 47	0 21	19 32	1 21	0 50	0 41	9 57	1 41	22 10	0 58	22 54	0 36	23 7	0 37	17 8	4 13	20 21	20 25	17 10		n.a.
T 13	7 15	19 4	3 40	6 47	0 11	19 53	1 24	1 9	0 41	9 59	1 41	22 10	0 58	22 54	0 36	23 7	0 37	17 8	4 13	20 22	20 26	17 9		n.a.
W14	7 38	20 57	2 45	7 47	0 0	20 14	1 27	1 27	0 40	10 0	1 41	22 10	0 58	22 53	0 36	23 7	0 37	17 9	4 13	20 23	20 26	17 8		n.a.
T 15	8 0	21 37	1 40	8 46	0n10	20 34	1 29	1 45	0 40	10 2	1 41	22 10	0 58	22 53	0 36	23 7	0 37	17 9	4 13	20 23	20 27	17 6		n.a.
F 16	8 22	20 58	0 27	9 45	0 21	20 54	1 32	2 3	0 39	10 3	1 40	22 10	0 58	22 53	0 36	23 7	0 37	17 9	4 13	20 23	20 28	17 5		n.a.
S 17	8 43	18 59	0n47	10 43	0 32	21 13	1 34	2 21	0 39	10 4	1 40	22 9	0 58	22 53	0 36	23 7	0 37	17 10	4 12	20 23	20 28	17 4		n.a.
S 18	9 5	15 47	2 0	11 41	0 42	21 32	1 36	2 38	0 38	10 6	1 40	22 9	0 58	22 53	0 36	23 7	0 37	17 10	4 12	20 24	20 29	17 2		n.a.
M19	9 27	11 37	3 5	12 36	0 52	21 50	1 39	2 56	0 37	10 7	1 40	22 9	0 58	22 53	0 36	23 7	0 37	17 10	4 12	20 24	20 30	17 1		n.a.
T 20	9 48	6 44	3 59	13 31	1 2	22 8	1 41	3 14	0 37	10 8	1 39	22 9	0 58	22 52	0 36	23 7	0 37	17 11	4 12	20 26	20 30	17 0		n.a.
W21	10 9	1 29	4 37	14 23	1 11	22 25	1 43	3 32	0 36	10 9	1 39	22 9	0 58	22 52	0 36	23 7	0 37	17 11	4 12	20 28	20 31	16 58		n.a.
T 22	10 30	3s47	4 58	15 14	1 20	22 41	1 45	3 50	0 36	10 10	1 39	22 9	0 58	22 52	0 36	23 7	0 37	17 11	4 12	20 30	20 32	16 57		n.a.
F 23	10 51	8 47	4 59	16 3	1 28	22 57	1 47	4 7	0 35	10 11	1 39	22 8	0 58	22 52	0 36	23 7	0 37	17 12	4 12	20 32	20 32	16 56		n.a.
S 24	11 12	13 13	4 43	16 49	1 36	23 12	1 49	4 25	0 35	10 12	1 39	22 8	0 58	22 52	0 35	23 7	0 37	17 12	4 12	20 35	20 33	16 54		n.a.
S 25	11 32	16 51	4 11	17 33	1 43	23 27	1 51	4 42	0 34	10 12	1 38	22 8	0 58	22 51	0 35	23 7	0 37	17 12	4 12	20 37	20 34	16 53		n.a.
M26	11 53	19 32	3 27	18 15	1 50	23 41	1 53	5 0	0 34	10 13	1 38	22 8	0 58	22 51	0 35	23 7	0 37	17 13	4 11	20 38	20 34	16 52		n.a.
T 27	12 13	21 10	2 33	18 55	1 56	23 54	1 55	5 17	0 33	10 14	1 38	22 8	0 58	22 51	0 35	23 7	0 37	17 13	4 11	20 39	20 35	16 50		n.a.
W28	12 33	21 44	1 34	19 32	2 1	24 7	1 57	5 35	0 33	10 14	1 38	22 7	0 58	22 51	0 35	23 7	0 37	17 13	4 11	20 40	20 36	16 49		n.a.
T 29	12 53	21 15	0 31	20 7	2 5	24 19	1 59	5 52	0 32	10 15	1 37	22 7	0 58	22 51	0 35	23 7	0 37	17 14	4 11	20 40	20 36	16 48		n.a.
F 30	13n12	19s49	0s32	20n39	2n 9	24n31	2n 0	6n 9	0s31	10n15	1n37	22s 7	0n58	22n50	0n35	23s 7	0n37	17n14	4s11	20n40	20n37	16s46		n.a.

Julian Day Number = 1608651.5, Delta T = 03h54m39s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°20'03, Lahiri = - 8°13'03 Julian Calendar 1 Apr. 309 BCE == Greg. Calendar 27 March 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

MAY 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 18 22	5♉32'46	16♒35	24♉ 5	13♊17	17♈24	7°R45	16°R50	19♋47	0°R27	4♊47	28°R43	28♋54	20♒ 0	n.a.	S 1
S 2	14 22 19	6°30'07	28°24	25°46	14°27	18° 7	7♏44	16♐48	19°49	0♑26	4°48	28♋41	28°51	20° 7	n.a.	S 2
M 3	14 26 15	7°27'26	10♓19	27°25	15°37	18°50	7°43	16°45	19°50	0°25	4°49	28°37	28°48	20°13	n.a.	M 3
T 4	14 30 12	8°24'45	22°23	29° 2	16°46	19°33	7°42	16°42	19°52	0°24	4°51	28°31	28°45	20°20	n.a.	T 4
W 5	14 34 9	9°22'03	4♈40	0♊35	17°55	20°15	7°41	16°39	19°54	0°24	4°52	28°22	28°41	20°27	n.a.	W 5
T 6	14 38 5	10°19'21	17°14	2° 5	19° 5	20°58	7°40	16°36	19°56	0°23	4°53	28°11	28°38	20°33	n.a.	T 6
F 7	14 42 2	11°16'38	0♉ 4	3°33	20°14	21°41	7°40	16°33	19°57	0°22	4°55	27°59	28°35	20°40	n.a.	F 7
S 8	14 45 58	12°13'54	13°10	4°58	21°23	22°23	7°40	16°30	19°59	0°21	4°56	27°47	28°32	20°47	n.a.	S 8
S 9	14 49 55	13°11'09	26°32	6°19	22°32	23° 6	7°D40	16°26	20° 1	0°20	4°58	27°36	28°29	20°53	n.a.	S 9
M10	14 53 51	14° 8'24	10♊ 7	7°38	23°41	23°48	7°40	16°23	20° 3	0°19	4°59	27°27	28°25	21° 0	n.a.	M10
T 11	14 57 48	15° 5'38	23°52	8°54	24°49	24°31	7°40	16°20	20° 5	0°18	5° 0	27°21	28°22	21° 7	n.a.	T 11
W12	15 1 44	16° 2'51	7♋46	10° 7	25°58	25°13	7°40	16°16	20° 7	0°17	5° 2	27°17	28°19	21°13	n.a.	W12
T 13	15 5 41	17° 0'03	21°45	11°16	27° 6	25°55	7°41	16°13	20° 9	0°16	5° 3	27°D16	28°16	21°20	n.a.	T 13
F 14	15 9 38	17°57'15	5♌48	12°22	28°15	26°38	7°42	16° 9	20°11	0°15	5° 5	27°16	28°13	21°27	n.a.	F 14
S 15	15 13 34	18°54'25	19°55	13°25	29°23	27°20	7°43	16° 5	20°14	0°14	5° 6	27°R16	28°10	21°33	n.a.	S 15
S 16	15 17 31	19°51'35	4♍ 5	14°25	0♋31	28° 2	7°44	16° 2	20°16	0°13	5° 7	27°15	28° 6	21°40	n.a.	S 16
M17	15 21 27	20°48'44	18°16	15°21	1°39	28°44	7°45	15°58	20°18	0°11	5° 9	27°13	28° 3	21°46	n.a.	M17
T 18	15 25 24	21°45'52	2♎26	16°14	2°47	29°26	7°47	15°54	20°20	0°10	5°10	27° 8	28° 0	21°53	n.a.	T 18
W19	15 29 20	22°42'59	16°31	17° 3	3°55	0♉ 8	7°48	15°50	20°23	0° 9	5°12	27° 0	27°57	22° 0	n.a.	W19
T 20	15 33 17	23°40'06	0♏29	17°48	5° 3	0°50	7°50	15°47	20°25	0° 8	5°13	26°51	27°54	22° 6	n.a.	T 20
F 21	15 37 13	24°37'12	14°14	18°30	6°10	1°31	7°52	15°43	20°28	0° 7	5°15	26°41	27°51	22°13	n.a.	F 21
S 22	15 41 10	25°34'19	27°44	19° 8	7°17	2°13	7°55	15°39	20°30	0° 5	5°16	26°31	27°47	22°20	n.a.	S 22
S 23	15 45 7	26°31'24	10♐57	19°41	8°25	2°55	7°57	15°35	20°33	0° 4	5°18	26°23	27°44	22°26	n.a.	S 23
M24	15 49 3	27°28'30	23°50	20°10	9°32	3°37	8° 0	15°31	20°35	0° 3	5°19	26°16	27°41	22°33	n.a.	M24
T 25	15 53 0	28°25'36	6♑24	20°35	10°39	4°18	8° 2	15°27	20°38	0° 1	5°21	26°12	27°38	22°40	n.a.	T 25
W26	15 56 56	29°22'41	18°41	20°56	11°45	5° 0	8° 5	15°22	20°40	0° 0	5°22	26°10	27°35	22°46	n.a.	W26
T 27	16 0 53	0♊19'47	0♒45	21°12	12°52	5°41	8° 8	15°18	20°43	29♐59	5°24	26°D10	27°31	22°53	n.a.	T 27
F 28	16 4 49	1°16'53	12°39	21°24	13°58	6°23	8°11	15°14	20°46	29°57	5°25	26°11	27°28	23° 0	n.a.	F 28
S 29	16 8 46	2°13'59	24°29	21°31	15° 5	7° 4	8°15	15°10	20°48	29°56	5°27	26°12	27°25	23° 6	n.a.	S 29
S 30	16 12 43	3°11'05	6♓20	21°R34	16°11	7°46	8°18	15° 6	20°51	29°55	5°28	26°R12	27°22	23°13	n.a.	S 30
M31	16 16 39	4♊ 8'11	18♓16	21♊32	17♋17	8♉27	8♏22	15♐ 1	20♋54	29♐53	5♊30	26♋11	27♋19	23♒20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n32	17s32	1s33	21n 9	2n12	24n41	2n 2	6n26	0s31	10n15	1n37	22s 7	0n58	22n50	0n35	23s 7	0n37	17n14	4s11	20n40	20n38	16s45		n.a.
S 2	13 51	14 31	2 30	21 37	2 14	24 51	2 3	6 43	0 30	10 16	1 36	22 6	0 58	22 50	0 35	23 7	0 37	17 15	4 11	20 40	20 38	16 44		n.a.
M 3	14 10	10 54	3 21	22 2	2 16	25 1	2 5	7 0	0 30	10 16	1 36	22 6	0 58	22 50	0 35	23 7	0 37	17 15	4 11	20 41	20 39	16 42		n.a.
T 4	14 29	6 47	4 4	22 24	2 17	25 9	2 6	7 17	0 29	10 16	1 36	22 6	0 58	22 49	0 35	23 7	0 37	17 15	4 11	20 43	20 40	16 41		n.a.
W 5	14 47	2 20	4 36	22 45	2 17	25 17	2 8	7 34	0 29	10 16	1 36	22 6	0 58	22 49	0 35	23 7	0 37	17 16	4 11	20 44	20 40	16 40		n.a.
T 6	15 6	2n18	4 56	23 3	2 16	25 25	2 9	7 51	0 28	10 16	1 35	22 5	0 58	22 49	0 35	23 7	0 37	17 16	4 10	20 47	20 41	16 38		n.a.
F 7	15 24	6 56	5 1	23 19	2 14	25 31	2 10	8 8	0 27	10 16	1 35	22 5	0 58	22 48	0 35	23 7	0 37	17 16	4 10	20 49	20 42	16 37		n.a.
S 8	15 42	11 22	4 51	23 33	2 12	25 37	2 11	8 24	0 27	10 16	1 35	22 5	0 58	22 48	0 35	23 7	0 37	17 17	4 10	20 51	20 42	16 35		n.a.
S 9	15 59	15 20	4 24	23 45	2 9	25 43	2 12	8 41	0 26	10 16	1 35	22 4	0 58	22 48	0 35	23 7	0 37	17 17	4 10	20 54	20 43	16 34		n.a.
M10	16 17	18 34	3 43	23 55	2 5	25 47	2 13	8 57	0 26	10 15	1 34	22 4	0 58	22 47	0 35	23 7	0 37	17 17	4 10	20 55	20 44	16 33		n.a.
T 11	16 34	20 48	2 47	24 3	2 1	25 51	2 13	9 13	0 25	10 15	1 34	22 4	0 58	22 47	0 35	23 7	0 37	17 18	4 10	20 57	20 44	16 31		n.a.
W12	16 51	21 49	1 42	24 9	1 56	25 54	2 14	9 30	0 25	10 15	1 34	22 3	0 58	22 47	0 35	23 7	0 37	17 18	4 10	20 57	20 45	16 30		n.a.
T 13	17 7	21 28	0 29	24 13	1 50	25 57	2 15	9 46	0 24	10 14	1 34	22 3	0 58	22 47	0 35	23 7	0 37	17 18	4 10	20 58	20 46	16 28		n.a.
F 14	17 23	19 47	0n45	24 15	1 43	25 58	2 15	10 2	0 23	10 13	1 33	22 3	0 58	22 46	0 35	23 7	0 37	17 19	4 10	20 58	20 46	16 27		n.a.
S 15	17 39	16 52	1 58	24 16	1 36	25 59	2 15	10 18	0 23	10 13	1 33	22 2	0 58	22 46	0 35	23 7	0 37	17 19	4 10	20 58	20 47	16 26		n.a.
S 16	17 55	12 58	3 3	24 15	1 27	26 0	2 16	10 33	0 22	10 12	1 33	22 2	0 58	22 45	0 35	23 7	0 37	17 19	4 10	20 58	20 48	16 24		n.a.
M17	18 11	8 19	3 57	24 13	1 19	25 59	2 16	10 49	0 22	10 11	1 32	22 2	0 58	22 45	0 35	23 7	0 37	17 20	4 9	20 58	20 48	16 23		n.a.
T 18	18 26	3 14	4 36	24 9	1 9	25 58	2 16	11 5	0 21	10 11	1 32	22 1	0 58	22 45	0 35	23 7	0 37	17 20	4 9	20 59	20 49	16 21		n.a.
W19	18 41	1s59	4 59	24 4	0 59	25 56	2 16	11 20	0 20	10 10	1 32	22 1	0 57	22 44	0 35	23 7	0 37	17 20	4 9	21 1	20 49	16 20		n.a.
T 20	18 55	7 3	5 3	23 58	0 48	25 54	2 16	11 36	0 20	10 9	1 32	22 1	0 57	22 44	0 35	23 7	0 37	17 21	4 9	21 3	20 50	16 18		n.a.
F 21	19 9	11 42	4 50	23 50	0 36	25 51	2 16	11 51	0 19	10 8	1 31	22 0	0 57	22 44	0 35	23 7	0 37	17 21	4 9	21 4	20 51	16 17		n.a.
S 22	19 23	15 40	4 20	23 41	0 24	25 47	2 15	12 6	0 18	10 7	1 31	22 0	0 57	22 43	0 35	23 7	0 37	17 21	4 9	21 6	20 51	16 16		n.a.
S 23	19 37	18 46	3 37	23 31	0 12	25 42	2 15	12 21	0 18	10 5	1 31	21 59	0 57	22 43	0 35	23 7	0 37	17 22	4 9	21 8	20 52	16 14		n.a.
M24	19 50	20 51	2 44	23 20	0s 2	25 37	2 14	12 36	0 17	10 4	1 31	21 59	0 57	22 42	0 35	23 7	0 37	17 22	4 9	21 9	20 53	16 13		n.a.
T 25	20 3	21 51	1 44	23 8	0 16	25 31	2 13	12 51	0 17	10 3	1 30	21 59	0 57	22 42	0 35	23 7	0 37	17 22	4 9	21 10	20 53	16 11		n.a.
W26	20 16	21 45	0 40	22 55	0 30	25 24	2 13	13 6	0 16	10 2	1 30	21 58	0 57	22 42	0 35	23 7	0 37	17 23	4 9	21 10	20 54	16 10		n.a.
T 27	20 28	20 38	0s25	22 41	0 45	25 17	2 12	13 20	0 15	10 0	1 30	21 58	0 57	22 41	0 35	23 7	0 37	17 23	4 9	21 10	20 55	16 8		n.a.
F 28	20 40	18 37	1 28	22 27	1 0	25 9	2 11	13 35	0 15	9 59	1 29	21 57	0 57	22 41	0 35	23 7	0 37	17 23	4 9	21 10	20 55	16 7		n.a.
S 29	20 52	15 49	2 26	22 12	1 15	25 1	2 10	13 49	0 14	9 57	1 29	21 57	0 57	22 40	0 35	23 7	0 37	17 24	4 9	21 10	20 56	16 5		n.a.
S 30	21 3	12 22	3 19	21 57	1 31	24 52	2 8	14 3	0 13	9 56	1 29	21 57	0 57	22 40	0 35	23 7	0 37	17 24	4 9	21 10	20 56	16 4		n.a.
M31	21n14	8s25	4s 3	21n41	1s47	24n42	2n 7	14n17	0s13	9n54	1n29	21s56	0n57	22n39	0n35	23s 7	0n37	17n24	4s 9	21n10	20n57	16s 2		n.a.

Julian Day Number = 1608681.5, Delta T = 03h54m38s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'59, Lahiri = - 8°12'59 Julian Calendar 1 May 309 BCE == Greg. Calendar 26 Apr. 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

JUNE 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 20 36	5♊ 5'18	0♈23	21°R25	18♋22	9♉ 8	8♍26	14°R57	20♋57	29°R52	5♊31	26°R 8	27♋16	23♒26	n.a.	T 1
W 2	16 24 32	6° 2'25	12°45	21♊14	19°28	9°49	8°30	14♐53	21° 0	29♐50	5°32	26♋ 3	27°12	23°33	n.a.	W 2
T 3	16 28 29	6°59'32	25°25	20°58	20°33	10°30	8°34	14°48	21° 3	29°49	5°34	25°56	27° 9	23°40	n.a.	T 3
F 4	16 32 25	7°56'39	8♉26	20°38	21°39	11°11	8°39	14°44	21° 6	29°47	5°35	25°48	27° 6	23°46	n.a.	F 4
S 5	16 36 22	8°53'47	21°48	20°15	22°44	11°52	8°43	14°40	21° 9	29°46	5°37	25°41	27° 3	23°53	n.a.	S 5
S 6	16 40 18	9°50'55	5♊29	19°47	23°48	12°33	8°48	14°35	21°12	29°45	5°38	25°33	27° 0	24° 0	n.a.	S 6
M 7	16 44 15	10°48'04	19°27	19°17	24°53	13°14	8°53	14°31	21°15	29°43	5°40	25°28	26°57	24° 6	n.a.	M 7
T 8	16 48 12	11°45'13	3♋37	18°43	25°58	13°55	8°58	14°27	21°18	29°41	5°41	25°24	26°53	24°13	n.a.	T 8
W 9	16 52 8	12°42'21	17°55	18° 8	27° 2	14°36	9° 3	14°22	21°21	29°40	5°43	25°22	26°50	24°20	n.a.	W 9
T 10	16 56 5	13°39'31	2♌16	17°30	28° 6	15°17	9° 8	14°18	21°24	29°38	5°44	25°D22	26°47	24°26	n.a.	T 10
F 11	17 0 1	14°36'40	16°37	16°52	29°10	15°57	9°14	14°13	21°27	29°37	5°46	25°23	26°44	24°33	n.a.	F 11
S 12	17 3 58	15°33'49	0♍54	16°12	0♌13	16°38	9°19	14° 9	21°30	29°35	5°47	25°24	26°41	24°40	n.a.	S 12
S 13	17 7 54	16°30'58	15° 5	15°33	1°16	17°19	9°25	14° 4	21°33	29°34	5°49	25°R25	26°37	24°46	n.a.	S 13
M14	17 11 51	17°28'08	29° 9	14°55	2°19	17°59	9°31	14° 0	21°37	29°32	5°50	25°24	26°34	24°53	n.a.	M14
T 15	17 15 47	18°25'17	13♎ 4	14°19	3°22	18°40	9°37	13°56	21°40	29°31	5°52	25°22	26°31	25° 0	n.a.	T 15
W16	17 19 44	19°22'27	26°48	13°45	4°25	19°20	9°43	13°51	21°43	29°29	5°53	25°19	26°28	25° 6	n.a.	W16
T 17	17 23 41	20°19'37	10♏21	13°13	5°27	20° 0	9°49	13°47	21°46	29°27	5°55	25°14	26°25	25°13	n.a.	T 17
F 18	17 27 37	21°16'48	23°41	12°45	6°29	20°41	9°56	13°43	21°50	29°26	5°56	25° 8	26°22	25°20	n.a.	F 18
S 19	17 31 34	22°13'59	6♐47	12°21	7°31	21°21	10° 2	13°38	21°53	29°24	5°58	25° 3	26°18	25°26	n.a.	S 19
S 20	17 35 30	23°11'11	19°39	12° 1	8°32	22° 1	10° 9	13°34	21°56	29°23	5°59	24°59	26°15	25°33	n.a.	S 20
M21	17 39 27	24° 8'23	2♑16	11°46	9°33	22°41	10°16	13°30	22° 0	29°21	6° 0	24°55	26°12	25°40	n.a.	M21
T 22	17 43 23	25° 5'36	14°38	11°36	10°34	23°21	10°23	13°25	22° 3	29°19	6° 2	24°53	26° 9	25°46	n.a.	T 22
W23	17 47 20	26° 2'50	26°48	11°D32	11°34	24° 1	10°30	13°21	22° 7	29°18	6° 3	24°D53	26° 6	25°53	n.a.	W23
T 24	17 51 17	27° 0'05	8♒48	11°34	12°34	24°41	10°37	13°17	22°10	29°16	6° 5	24°54	26° 3	26° 0	n.a.	T 24
F 25	17 55 13	27°57'21	20°41	11°41	13°34	25°21	10°45	13°13	22°14	29°14	6° 6	24°55	25°59	26° 6	n.a.	F 25
S 26	17 59 10	28°54'38	2♓30	11°54	14°34	26° 1	10°52	13° 9	22°17	29°13	6° 7	24°57	25°56	26°13	n.a.	S 26
S 27	18 3 6	29°51'56	14°20	12°14	15°33	26°41	11° 0	13° 4	22°21	29°11	6° 9	24°58	25°53	26°20	n.a.	S 27
M28	18 7 3	0♋49'15	26°17	12°39	16°31	27°20	11° 8	13° 0	22°24	29°10	6°10	24°R59	25°50	26°26	n.a.	M28
T 29	18 10 59	1°46'36	8♈23	13°11	17°29	28° 0	11°15	12°56	22°28	29° 8	6°12	24°59	25°47	26°33	n.a.	T 29
W30	18 14 56	2♋43'57	20♈45	13♊49	18♌27	28♉40	11♍23	12♐52	22♋31	29♐ 6	6♊13	24♋58	25♋43	26♒40	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n24	4s 5	4s37	21n24	2s 3	24n31	2n 5	14n31	0s12	9n52	1n28	21s56	0n57	22n39	0n35	23s 7	0n37	17n25	4s 9	21n11	20n58	16s 1		n.a.
W 2	21 35	0n30	5 0	21 8	2 19	24 20	2 4	14 45	0 12	9 50	1 28	21 55	0 57	22 38	0 35	23 7	0 37	17 25	4 8	21 12	20 58	15 59		n.a.
T 3	21 45	5 11	5 8	20 51	2 34	24 9	2 2	14 59	0 11	9 49	1 28	21 55	0 57	22 38	0 35	23 7	0 37	17 25	4 8	21 13	20 59	15 58		n.a.
F 4	21 54	9 45	5 0	20 35	2 49	23 57	2 0	15 12	0 10	9 47	1 28	21 55	0 57	22 37	0 35	23 7	0 37	17 25	4 8	21 15	21 0	15 56		n.a.
S 5	22 3	13 59	4 37	20 18	3 4	23 44	1 58	15 26	0 10	9 45	1 27	21 54	0 57	22 37	0 35	23 7	0 37	17 26	4 8	21 16	21 0	15 55		n.a.
S 6	22 12	17 36	3 57	20 2	3 18	23 30	1 56	15 39	0 9	9 43	1 27	21 54	0 56	22 36	0 35	23 7	0 37	17 26	4 8	21 17	21 1	15 53		n.a.
M 7	22 20	20 17	3 2	19 46	3 32	23 16	1 54	15 52	0 8	9 41	1 27	21 53	0 56	22 36	0 35	23 7	0 37	17 26	4 8	21 18	21 1	15 52		n.a.
T 8	22 28	21 46	1 55	19 31	3 44	23 2	1 51	16 5	0 8	9 38	1 27	21 53	0 56	22 36	0 35	23 7	0 37	17 27	4 8	21 19	21 2	15 50		n.a.
W 9	22 36	21 51	0 40	19 17	3 56	22 47	1 49	16 18	0 7	9 36	1 26	21 52	0 56	22 35	0 35	23 7	0 37	17 27	4 8	21 19	21 3	15 49		n.a.
T 10	22 43	20 30	0n37	19 3	4 6	22 32	1 46	16 31	0 6	9 34	1 26	21 52	0 56	22 34	0 35	23 7	0 37	17 27	4 8	21 19	21 3	15 47		n.a.
F 11	22 50	17 50	1 53	18 51	4 15	22 15	1 43	16 43	0 6	9 32	1 26	21 51	0 56	22 34	0 35	23 7	0 37	17 28	4 8	21 19	21 4	15 46		n.a.
S 12	22 56	14 6	3 1	18 39	4 23	21 59	1 40	16 56	0 5	9 29	1 26	21 51	0 56	22 33	0 35	23 7	0 37	17 28	4 8	21 19	21 5	15 44		n.a.
S 13	23 2	9 35	3 58	18 29	4 29	21 42	1 37	17 8	0 4	9 27	1 25	21 51	0 56	22 33	0 35	23 7	0 37	17 28	4 8	21 19	21 5	15 43		n.a.
M14	23 8	4 36	4 39	18 21	4 33	21 24	1 34	17 20	0 4	9 24	1 25	21 50	0 56	22 32	0 35	23 7	0 37	17 28	4 8	21 19	21 6	15 41		n.a.
T 15	23 13	0s33	5 4	18 14	4 36	21 7	1 31	17 32	0 3	9 22	1 25	21 50	0 56	22 32	0 35	23 7	0 37	17 29	4 8	21 19	21 6	15 40		n.a.
W16	23 18	5 37	5 11	18 8	4 37	20 48	1 27	17 44	0 2	9 19	1 25	21 49	0 56	22 31	0 34	23 7	0 37	17 29	4 8	21 20	21 7	15 38		n.a.
T 17	23 22	10 21	5 1	18 5	4 37	20 29	1 24	17 56	0 2	9 17	1 24	21 49	0 55	22 31	0 34	23 7	0 37	17 29	4 8	21 21	21 8	15 36		n.a.
F 18	23 26	14 30	4 34	18 3	4 35	20 10	1 20	18 7	0 1	9 14	1 24	21 48	0 55	22 30	0 34	23 7	0 37	17 30	4 8	21 22	21 8	15 35		n.a.
S 19	23 30	17 53	3 53	18 4	4 31	19 50	1 16	18 19	0 0	9 11	1 24	21 48	0 55	22 30	0 34	23 7	0 37	17 30	4 8	21 23	21 9	15 33		n.a.
S 20	23 33	20 19	3 1	18 6	4 26	19 30	1 12	18 30	0n 0	9 8	1 24	21 48	0 55	22 29	0 34	23 7	0 37	17 30	4 8	21 24	21 9	15 32		n.a.
M21	23 36	21 42	2 1	18 11	4 20	19 10	1 8	18 41	0 1	9 6	1 23	21 47	0 55	22 29	0 34	23 7	0 37	17 30	4 8	21 24	21 10	15 30		n.a.
T 22	23 38	21 59	0 56	18 17	4 12	18 49	1 3	18 52	0 2	9 3	1 23	21 47	0 55	22 28	0 34	23 7	0 37	17 31	4 8	21 25	21 11	15 29		n.a.
W23	23 40	21 13	0s11	18 25	4 4	18 28	0 59	19 3	0 2	9 0	1 23	21 46	0 55	22 27	0 34	23 7	0 37	17 31	4 8	21 25	21 11	15 27		n.a.
T 24	23 42	19 30	1 16	18 35	3 54	18 7	0 54	19 13	0 3	8 57	1 23	21 46	0 55	22 27	0 34	23 7	0 37	17 31	4 8	21 25	21 12	15 25		n.a.
F 25	23 43	16 56	2 17	18 47	3 43	17 45	0 50	19 24	0 4	8 54	1 22	21 45	0 55	22 26	0 34	23 7	0 37	17 31	4 8	21 24	21 12	15 24		n.a.
S 26	23 44	13 42	3 12	19 0	3 31	17 23	0 45	19 34	0 4	8 51	1 22	21 45	0 55	22 26	0 34	23 7	0 37	17 32	4 8	21 24	21 13	15 22		n.a.
S 27	23 44	9 55	3 59	19 15	3 19	17 0	0 40	19 44	0 5	8 47	1 22	21 45	0 54	22 25	0 34	23 7	0 37	17 32	4 8	21 24	21 14	15 21		n.a.
M28	23 44	5 43	4 37	19 32	3 5	16 38	0 35	19 54	0 6	8 44	1 22	21 44	0 54	22 25	0 34	23 7	0 36	17 32	4 8	21 24	21 14	15 19		n.a.
T 29	23 43	1 15	5 2	19 49	2 52	16 15	0 29	20 4	0 6	8 41	1 22	21 44	0 54	22 24	0 34	23 7	0 36	17 32	4 8	21 24	21 15	15 17		n.a.
W30	23n42	3n21	5s14	20n 8	2s38	15n51	0n24	20n13	0n 7	8n38	1n21	21s43	0n54	22n23	0n34	23s 7	0n36	17n33	4s 8	21n24	21n15	15s16		n.a.

Julian Day Number = 1608712.5, Delta T = 03h54m37s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'55, Lahiri = - 8°12'55 Julian Calendar 1 June 309 BCE == Greg. Calendar 27 May 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

JULY 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 18 52	3♋41'20	3♉27	14♊33	19♌25	29♉19	11♍32	12°R48	22♋35	29°R 5	6♊14	24°R56	25♋40	26♒46	n.a.	T 1
F 2	18 22 49	4°38'45	16°31	15°23	20°22	29°59	11°40	12♐44	22°38	29♐ 3	6°16	24♋54	25°37	26°53	n.a.	F 2
S 3	18 26 46	5°36'10	29°58	16°18	21°18	0♊38	11°48	12°40	22°42	29° 1	6°17	24°51	25°34	27° 0	n.a.	S 3
S 4	18 30 42	6°33'37	13♊50	17°20	22°15	1°18	11°57	12°37	22°46	29° 0	6°18	24°48	25°31	27° 6	n.a.	S 4
M 5	18 34 39	7°31'05	28° 4	18°28	23°10	1°57	12° 5	12°33	22°49	28°58	6°20	24°46	25°28	27°13	n.a.	M 5
T 6	18 38 35	8°28'34	12♋35	19°40	24° 6	2°37	12°14	12°29	22°53	28°57	6°21	24°45	25°24	27°20	n.a.	T 6
W 7	18 42 32	9°26'05	27°17	20°59	25° 0	3°16	12°23	12°25	22°57	28°55	6°22	24°D45	25°21	27°26	n.a.	W 7
T 8	18 46 28	10°23'37	12♌ 3	22°22	25°54	3°55	12°32	12°22	23° 0	28°54	6°24	24°46	25°18	27°33	n.a.	T 8
F 9	18 50 25	11°21'09	26°47	23°50	26°48	4°34	12°41	12°18	23° 4	28°52	6°25	24°46	25°15	27°40	n.a.	F 9
S 10	18 54 21	12°18'43	11♍23	25°23	27°41	5°13	12°50	12°15	23° 8	28°50	6°26	24°47	25°12	27°46	n.a.	S 10
S 11	18 58 18	13°16'17	25°46	27° 1	28°34	5°52	12°59	12°11	23°11	28°49	6°27	24°48	25° 9	27°53	n.a.	S 11
M12	19 2 15	14°13'53	9♎53	28°42	29°26	6°31	13° 8	12° 8	23°15	28°47	6°28	24°R49	25° 5	28° 0	n.a.	M12
T 13	19 6 11	15°11'29	23°43	0♋27	0♍17	7°10	13°18	12° 4	23°19	28°46	6°30	24°49	25° 2	28° 6	n.a.	T 13
W14	19 10 8	16° 9'07	7♏15	2°15	1° 7	7°49	13°27	12° 1	23°22	28°44	6°31	24°48	24°59	28°13	n.a.	W14
T 15	19 14 4	17° 6'46	20°31	4° 6	1°57	8°28	13°37	11°58	23°26	28°43	6°32	24°47	24°56	28°20	n.a.	T 15
F 16	19 18 1	18° 4'26	3♐30	5°59	2°47	9° 7	13°47	11°55	23°30	28°41	6°33	24°46	24°53	28°26	n.a.	F 16
S 17	19 21 57	19° 2'08	16°15	7°55	3°35	9°45	13°57	11°52	23°34	28°40	6°34	24°46	24°49	28°33	n.a.	S 17
S 18	19 25 54	19°59'50	28°46	9°52	4°23	10°24	14° 6	11°49	23°37	28°38	6°36	24°45	24°46	28°40	n.a.	S 18
M19	19 29 50	20°57'34	11♑ 6	11°51	5°10	11° 2	14°16	11°46	23°41	28°37	6°37	24°45	24°43	28°46	n.a.	M19
T 20	19 33 47	21°55'20	23°16	13°50	5°56	11°41	14°27	11°43	23°45	28°35	6°38	24°D45	24°40	28°53	n.a.	T 20
W21	19 37 44	22°53'07	5♒17	15°50	6°41	12°19	14°37	11°40	23°49	28°34	6°39	24°45	24°37	29° 0	n.a.	W21
T 22	19 41 40	23°50'56	17°11	17°51	7°25	12°58	14°47	11°37	23°52	28°32	6°40	24°45	24°34	29° 6	n.a.	T 22
F 23	19 45 37	24°48'46	29° 1	19°51	8° 9	13°36	14°57	11°35	23°56	28°31	6°41	24°R45	24°30	29°13	n.a.	F 23
S 24	19 49 33	25°46'39	10♓50	21°51	8°51	14°14	15° 8	11°32	24° 0	28°29	6°42	24°45	24°27	29°20	n.a.	S 24
S 25	19 53 30	26°44'33	22°41	23°51	9°33	14°53	15°18	11°30	24° 4	28°28	6°43	24°45	24°24	29°26	n.a.	S 25
M26	19 57 26	27°42'28	4♈37	25°50	10°13	15°31	15°29	11°27	24° 7	28°27	6°44	24°44	24°21	29°33	n.a.	M26
T 27	20 1 23	28°40'26	16°43	27°49	10°53	16° 9	15°40	11°25	24°11	28°25	6°45	24°44	24°18	29°40	n.a.	T 27
W28	20 5 19	29°38'26	29° 3	29°47	11°31	16°47	15°50	11°23	24°15	28°24	6°46	24°D44	24°14	29°46	n.a.	W28
T 29	20 9 16	0♌36'28	11♉41	1♌43	12° 8	17°25	16° 1	11°21	24°18	28°23	6°47	24°44	24°11	29°53	n.a.	T 29
F 30	20 13 13	1°34'32	24°40	3°39	12°44	18° 3	16°12	11°19	24°22	28°21	6°48	24°44	24° 8	29°59	n.a.	F 30
S 31	20 17 9	2♌32'38	8♊ 5	5♌34	13♍19	18♊41	16♍23	11♐17	24♋26	28♐20	6♊49	24♋45	24♋ 5	0♓ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n41	7n56	5s12	20n27	2s23	15n28	0n18	20n23	0n 8	8n34	1n21	21s43	0n54	22n23	0n34	23s 7	0n36	17n33	4s 8	21n24	21n16	15s14			n.a.
F 2	23 39	12 18	4 53	20 47	2 8	15 4	0 12	20 32	0 8	8 31	1 21	21 43	0 54	22 22	0 34	23 7	0 36	17 33	4 8	21 25	21 17	15 13			n.a.
S 3	23 37	16 11	4 18	21 8	1 54	14 40	0 6	20 41	0 9	8 28	1 21	21 42	0 54	22 22	0 34	23 7	0 36	17 33	4 8	21 25	21 17	15 11			n.a.
S 4	23 34	19 19	3 27	21 29	1 39	14 16	0 0	20 50	0 10	8 24	1 21	21 42	0 54	22 21	0 34	23 7	0 36	17 34	4 8	21 26	21 18	15 9			n.a.
M 5	23 31	21 21	2 22	21 50	1 24	13 52	0s 6	20 59	0 11	8 21	1 20	21 42	0 53	22 20	0 34	23 7	0 36	17 34	4 8	21 26	21 18	15 8			n.a.
T 6	23 27	22 1	1 7	22 11	1 9	13 28	0 12	21 7	0 11	8 17	1 20	21 41	0 53	22 20	0 34	23 7	0 36	17 34	4 8	21 26	21 19	15 6			n.a.
W 7	23 23	21 11	0n14	22 31	0 54	13 3	0 19	21 16	0 12	8 14	1 20	21 41	0 53	22 19	0 34	23 7	0 36	17 34	4 8	21 26	21 20	15 5			n.a.
T 8	23 19	18 54	1 34	22 50	0 40	12 38	0 25	21 24	0 13	8 10	1 20	21 40	0 53	22 18	0 34	23 7	0 36	17 35	4 8	21 26	21 20	15 3			n.a.
F 9	23 14	15 22	2 48	23 9	0 26	12 14	0 32	21 32	0 13	8 6	1 20	21 40	0 53	22 18	0 34	23 7	0 36	17 35	4 8	21 26	21 21	15 1			n.a.
S 10	23 9	10 56	3 51	23 26	0 13	11 49	0 39	21 40	0 14	8 3	1 19	21 40	0 53	22 17	0 34	23 7	0 36	17 35	4 8	21 26	21 21	15 0			n.a.
S 11	23 4	5 56	4 37	23 42	0n 0	11 24	0 46	21 47	0 15	7 59	1 19	21 39	0 53	22 17	0 34	23 7	0 36	17 35	4 8	21 26	21 22	14 58			n.a.
M12	22 58	0 44	5 6	23 56	0 13	10 59	0 54	21 55	0 15	7 55	1 19	21 39	0 53	22 16	0 34	23 7	0 36	17 35	4 8	21 26	21 23	14 56			n.a.
T 13	22 51	4s25	5 17	24 8	0 24	10 34	1 1	22 2	0 16	7 51	1 19	21 39	0 52	22 15	0 34	23 7	0 36	17 36	4 8	21 26	21 23	14 55			n.a.
W14	22 44	9 13	5 10	24 18	0 36	10 8	1 9	22 9	0 17	7 47	1 19	21 39	0 52	22 15	0 34	23 7	0 36	17 36	4 8	21 26	21 24	14 53			n.a.
T 15	22 37	13 30	4 46	24 26	0 46	9 43	1 16	22 16	0 18	7 43	1 18	21 38	0 52	22 14	0 34	23 7	0 36	17 36	4 8	21 26	21 24	14 51			n.a.
F 16	22 30	17 3	4 8	24 31	0 56	9 18	1 24	22 23	0 18	7 39	1 18	21 38	0 52	22 13	0 34	23 7	0 36	17 36	4 8	21 26	21 25	14 50			n.a.
S 17	22 22	19 44	3 18	24 34	1 4	8 53	1 32	22 30	0 19	7 35	1 18	21 38	0 52	22 13	0 34	23 7	0 36	17 36	4 8	21 26	21 25	14 48			n.a.
S 18	22 13	21 24	2 19	24 34	1 12	8 28	1 40	22 36	0 20	7 31	1 18	21 37	0 52	22 12	0 34	23 7	0 36	17 36	4 8	21 26	21 26	14 46			n.a.
M19	22 5	22 1	1 15	24 31	1 19	8 3	1 49	22 43	0 20	7 27	1 18	21 37	0 52	22 11	0 34	23 7	0 36	17 37	4 8	21 26	21 27	14 45			n.a.
T 20	21 55	21 34	0 8	24 25	1 26	7 38	1 57	22 49	0 21	7 23	1 18	21 37	0 51	22 11	0 34	23 7	0 36	17 37	4 8	21 26	21 27	14 43			n.a.
W21	21 46	20 7	0s58	24 17	1 31	7 13	2 6	22 55	0 22	7 19	1 17	21 37	0 51	22 10	0 34	23 7	0 36	17 37	4 8	21 26	21 28	14 41			n.a.
T 22	21 36	17 48	2 1	24 6	1 36	6 49	2 15	23 0	0 23	7 15	1 17	21 36	0 51	22 10	0 34	23 7	0 36	17 37	4 8	21 26	21 28	14 40			n.a.
F 23	21 26	14 45	2 59	23 53	1 39	6 24	2 23	23 6	0 23	7 11	1 17	21 36	0 51	22 9	0 34	23 7	0 36	17 37	4 8	21 26	21 29	14 38			n.a.
S 24	21 15	11 7	3 49	23 37	1 42	6 0	2 33	23 11	0 24	7 6	1 17	21 36	0 51	22 8	0 34	23 7	0 36	17 38	4 8	21 26	21 29	14 36			n.a.
S 25	21 4	7 3	4 29	23 19	1 45	5 35	2 42	23 16	0 25	7 2	1 17	21 36	0 51	22 8	0 34	23 7	0 36	17 38	4 8	21 26	21 30	14 34			n.a.
M26	20 52	2 42	4 58	22 59	1 46	5 12	2 51	23 21	0 26	6 58	1 17	21 36	0 51	22 7	0 34	23 7	0 36	17 38	4 8	21 26	21 31	14 33			n.a.
T 27	20 41	1n49	5 14	22 36	1 47	4 48	3 1	23 26	0 26	6 53	1 16	21 36	0 50	22 6	0 34	23 7	0 36	17 38	4 8	21 26	21 31	14 31			n.a.
W28	20 28	6 20	5 17	22 12	1 47	4 24	3 10	23 31	0 27	6 49	1 16	21 35	0 50	22 6	0 34	23 7	0 36	17 38	4 8	21 26	21 32	14 29			n.a.
T 29	20 16	10 42	5 4	21 45	1 47	4 1	3 20	23 35	0 28	6 45	1 16	21 35	0 50	22 5	0 34	23 7	0 36	17 38	4 8	21 26	21 32	14 28			n.a.
F 30	20 3	14 43	4 35	21 17	1 46	3 38	3 30	23 40	0 29	6 40	1 16	21 35	0 50	22 4	0 34	23 7	0 36	17 38	4 8	21 26	21 33	14 26			n.a.
S 31	19n50	18n 7	3s51	20n48	1n44	3n16	3s40	23n44	0n29	6n36	1n16	21s35	0n50	22n 4	0n35	23s 7	0n36	17n38	4s 8	21n26	21n33	14s24			n.a.

Julian Day Number = 1608742.5, Delta T = 03h54m36s
Ecliptic obliquity = 23°43'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'51, Lahiri = - 8°12'50 Julian Calendar 1 July 309 BCE == Greg. Calendar 26 June 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

AUGUST 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 21 6	3♌30'46	21♊56	7♌27	13♍52	19♊19	16♍34	11°R15	24♋30	28°R19	6♊50	24♋46	24♋ 2	0♓13	n.a.	S 1
M 2	20 25 2	4°28'56	6♋13	9°20	14°24	19°56	16°45	11♐13	24°33	28♐18	6°51	24°46	23°59	0°20	n.a.	M 2
T 3	20 28 59	5°27'08	20°53	11°11	14°55	20°34	16°57	11°11	24°37	28°16	6°52	24°R47	23°55	0°26	n.a.	T 3
W 4	20 32 55	6°25'22	5♌50	13° 1	15°24	21°12	17° 8	11°10	24°41	28°15	6°53	24°47	23°52	0°33	n.a.	W 4
T 5	20 36 52	7°23'38	20°56	14°50	15°52	21°49	17°19	11° 8	24°44	28°14	6°53	24°46	23°49	0°40	n.a.	T 5
F 6	20 40 48	8°21'55	6♍ 2	16°37	16°18	22°27	17°31	11° 7	24°48	28°13	6°54	24°45	23°46	0°46	n.a.	F 6
S 7	20 44 45	9°20'15	20°59	18°24	16°43	23° 4	17°42	11° 6	24°52	28°12	6°55	24°43	23°43	0°53	n.a.	S 7
S 8	20 48 42	10°18'36	5♎40	20° 9	17° 5	23°42	17°54	11° 4	24°55	28°11	6°56	24°41	23°40	1° 0	n.a.	S 8
M 9	20 52 38	11°16'58	19°59	21°53	17°27	24°19	18° 6	11° 3	24°59	28°10	6°57	24°40	23°36	1° 6	n.a.	M 9
T 10	20 56 35	12°15'23	3♏53	23°36	17°46	24°56	18°17	11° 2	25° 3	28° 8	6°57	24°39	23°33	1°13	n.a.	T 10
W11	21 0 31	13°13'49	17°24	25°18	18° 3	25°34	18°29	11° 1	25° 6	28° 7	6°58	24°D39	23°30	1°20	n.a.	W11
T 12	21 4 28	14°12'16	0♐31	26°59	18°19	26°11	18°41	11° 0	25°10	28° 6	6°59	24°39	23°27	1°26	n.a.	T 12
F 13	21 8 24	15°10'46	13°18	28°38	18°32	26°48	18°53	11° 0	25°13	28° 5	6°59	24°41	23°24	1°33	n.a.	F 13
S 14	21 12 21	16° 9'17	25°48	0♍17	18°44	27°25	19° 5	10°59	25°17	28° 4	7° 0	24°42	23°20	1°40	n.a.	S 14
S 15	21 16 17	17° 7'50	8♑ 5	1°54	18°53	28° 2	19°17	10°58	25°21	28° 4	7° 1	24°43	23°17	1°47	n.a.	S 15
M16	21 20 14	18° 6'25	20°11	3°30	19° 0	28°39	19°29	10°58	25°24	28° 3	7° 1	24°R44	23°14	1°53	n.a.	M16
T 17	21 24 11	19° 5'02	2♒ 9	5° 6	19° 5	29°16	19°41	10°58	25°28	28° 2	7° 2	24°44	23°11	2° 0	n.a.	T 17
W18	21 28 7	20° 3'41	14° 3	6°40	19° 8	29°52	19°53	10°57	25°31	28° 1	7° 2	24°43	23° 8	2° 7	n.a.	W18
T 19	21 32 4	21° 2'22	25°53	8°13	19°R 8	0♋29	20° 5	10°57	25°35	28° 0	7° 3	24°40	23° 5	2°13	n.a.	T 19
F 20	21 36 0	22° 1'05	7♓43	9°46	19° 6	1° 6	20°17	10°D57	25°38	27°59	7° 4	24°36	23° 1	2°20	n.a.	F 20
S 21	21 39 57	22°59'50	19°33	11°17	19° 2	1°42	20°30	10°57	25°41	27°59	7° 4	24°31	22°58	2°27	n.a.	S 21
S 22	21 43 53	23°58'37	1♈27	12°47	18°55	2°19	20°42	10°57	25°45	27°58	7° 5	24°26	22°55	2°33	n.a.	S 22
M23	21 47 50	24°57'26	13°26	14°16	18°46	2°55	20°54	10°57	25°48	27°57	7° 5	24°21	22°52	2°40	n.a.	M23
T 24	21 51 46	25°56'18	25°34	15°44	18°35	3°31	21° 7	10°58	25°52	27°56	7° 5	24°17	22°49	2°47	n.a.	T 24
W25	21 55 43	26°55'12	7♉54	17°12	18°21	4° 8	21°19	10°58	25°55	27°56	7° 6	24°14	22°46	2°53	n.a.	W25
T 26	21 59 39	27°54'09	20°28	18°38	18° 5	4°44	21°32	10°59	25°58	27°55	7° 6	24°12	22°42	3° 0	n.a.	T 26
F 27	22 3 36	28°53'08	3♊22	20° 3	17°46	5°20	21°44	10°59	26° 2	27°55	7° 7	24°D12	22°39	3° 7	n.a.	F 27
S 28	22 7 33	29°52'09	16°38	21°27	17°26	5°56	21°57	11° 0	26° 5	27°54	7° 7	24°13	22°36	3°13	n.a.	S 28
S 29	22 11 29	0♍51'13	0♋20	22°50	17° 3	6°32	22° 9	11° 1	26° 8	27°53	7° 7	24°14	22°33	3°20	n.a.	S 29
M30	22 15 26	1°50'20	14°29	24°11	16°38	7° 8	22°22	11° 2	26°11	27°53	7° 8	24°16	22°30	3°27	n.a.	M30
T 31	22 19 22	2♍49'28	29♋ 3	25♍32	16♍11	7♋44	22♍35	11♐ 3	26♋15	27♐52	7♊ 8	24°R16	22♋26	3♓33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	19n36	20n37	2s52	20n17	1n42	2n53	3s50	23n48	0n30	6n31	1n16	21s35	0n50	22n 3	0n35	23s 7	0n36	17n39	4s 8	21n26	21n34	14s22			n.a.
M 2	19 22	21 54	1 41	19 44	1 40	2 32	4 0	23 51	0 31	6 27	1 15	21 35	0 50	22 2	0 35	23 7	0 36	17 39	4 8	21 26	21 35	14 21			n.a.
T 3	19 8	21 44	0 22	19 11	1 37	2 10	4 10	23 55	0 31	6 22	1 15	21 35	0 49	22 2	0 35	23 7	0 36	17 39	4 8	21 26	21 35	14 19			n.a.
W 4	18 54	20 2	1n 1	18 36	1 33	1 49	4 21	23 58	0 32	6 18	1 15	21 35	0 49	22 1	0 35	23 7	0 36	17 39	4 8	21 26	21 36	14 17			n.a.
T 5	18 39	16 54	2 20	18 0	1 29	1 29	4 31	24 1	0 33	6 13	1 15	21 35	0 49	22 0	0 35	23 7	0 36	17 39	4 8	21 26	21 36	14 15			n.a.
F 6	18 24	12 38	3 29	17 24	1 25	1 9	4 42	24 5	0 34	6 8	1 15	21 35	0 49	22 0	0 35	23 7	0 36	17 39	4 8	21 26	21 37	14 14			n.a.
S 7	18 8	7 38	4 23	16 46	1 21	0 50	4 52	24 7	0 35	6 4	1 15	21 34	0 49	21 59	0 35	23 7	0 36	17 39	4 8	21 27	21 37	14 12			n.a.
S 8	17 52	2 17	4 59	16 8	1 16	0 31	5 3	24 10	0 35	5 59	1 15	21 34	0 49	21 58	0 35	23 7	0 36	17 39	4 8	21 27	21 38	14 10			n.a.
M 9	17 36	3s 3	5 15	15 30	1 10	0 13	5 14	24 12	0 36	5 54	1 15	21 34	0 48	21 58	0 35	23 7	0 36	17 39	4 8	21 27	21 38	14 8			n.a.
T 10	17 20	8 5	5 12	14 50	1 5	0s 5	5 25	24 15	0 37	5 50	1 14	21 34	0 48	21 57	0 35	23 7	0 36	17 40	4 8	21 27	21 39	14 7			n.a.
W11	17 3	12 34	4 52	14 10	0 59	0 22	5 36	24 17	0 38	5 45	1 14	21 34	0 48	21 56	0 35	23 7	0 36	17 40	4 8	21 27	21 40	14 5			n.a.
T 12	16 46	16 20	4 16	13 30	0 53	0 38	5 46	24 19	0 38	5 40	1 14	21 35	0 48	21 56	0 35	23 8	0 36	17 40	4 8	21 27	21 40	14 3			n.a.
F 13	16 29	19 13	3 29	12 49	0 47	0 53	5 57	24 21	0 39	5 35	1 14	21 35	0 48	21 55	0 35	23 8	0 36	17 40	4 8	21 27	21 41	14 1			n.a.
S 14	16 11	21 7	2 33	12 9	0 41	1 7	6 8	24 22	0 40	5 30	1 14	21 35	0 48	21 55	0 35	23 8	0 36	17 40	4 8	21 27	21 41	13 59			n.a.
S 15	15 53	21 58	1 31	11 27	0 34	1 21	6 19	24 24	0 41	5 25	1 14	21 35	0 48	21 54	0 35	23 8	0 35	17 40	4 8	21 27	21 42	13 58			n.a.
M16	15 35	21 47	0 25	10 46	0 27	1 33	6 29	24 25	0 41	5 21	1 14	21 35	0 47	21 53	0 35	23 8	0 35	17 40	4 8	21 26	21 42	13 56			n.a.
T 17	15 17	20 35	0s41	10 4	0 20	1 45	6 40	24 26	0 42	5 16	1 14	21 35	0 47	21 53	0 35	23 8	0 35	17 40	4 8	21 26	21 43	13 54			n.a.
W18	14 58	18 29	1 44	9 23	0 13	1 56	6 50	24 27	0 43	5 11	1 14	21 35	0 47	21 52	0 35	23 8	0 35	17 40	4 8	21 27	21 43	13 52			n.a.
T 19	14 40	15 36	2 43	8 41	0 6	2 5	7 0	24 28	0 44	5 6	1 13	21 35	0 47	21 51	0 35	23 8	0 35	17 40	4 8	21 27	21 44	13 50			n.a.
F 20	14 20	12 5	3 34	7 59	0s 1	2 13	7 10	24 28	0 45	5 1	1 13	21 35	0 47	21 51	0 35	23 8	0 35	17 40	4 8	21 28	21 44	13 49			n.a.
S 21	14 1	8 6	4 17	7 17	0 9	2 20	7 20	24 29	0 45	4 56	1 13	21 35	0 47	21 50	0 35	23 8	0 35	17 40	4 9	21 29	21 45	13 47			n.a.
S 22	13 41	3 48	4 48	6 36	0 16	2 26	7 29	24 29	0 46	4 51	1 13	21 36	0 46	21 49	0 35	23 8	0 35	17 40	4 9	21 30	21 45	13 45			n.a.
M23	13 22	0n40	5 7	5 54	0 24	2 31	7 38	24 29	0 47	4 46	1 13	21 36	0 46	21 49	0 35	23 8	0 35	17 40	4 9	21 31	21 46	13 43			n.a.
T 24	13 2	5 10	5 12	5 13	0 31	2 35	7 47	24 29	0 48	4 41	1 13	21 36	0 46	21 48	0 35	23 8	0 35	17 40	4 9	21 31	21 47	13 41			n.a.
W25	12 41	9 32	5 4	4 32	0 39	2 37	7 55	24 29	0 49	4 36	1 13	21 36	0 46	21 48	0 35	23 8	0 35	17 40	4 9	21 32	21 47	13 40			n.a.
T 26	12 21	13 35	4 40	3 51	0 46	2 37	8 3	24 28	0 49	4 31	1 13	21 36	0 46	21 47	0 35	23 8	0 35	17 40	4 9	21 32	21 48	13 38			n.a.
F 27	12 0	17 7	4 2	3 10	0 54	2 37	8 10	24 28	0 50	4 26	1 13	21 37	0 46	21 46	0 35	23 8	0 35	17 40	4 9	21 32	21 48	13 36			n.a.
S 28	11 39	19 53	3 11	2 29	1 2	2 35	8 16	24 27	0 51	4 21	1 13	21 37	0 46	21 46	0 35	23 8	0 35	17 40	4 9	21 32	21 49	13 34			n.a.
S 29	11 18	21 37	2 7	1 49	1 9	2 31	8 22	24 26	0 52	4 15	1 13	21 37	0 45	21 45	0 35	23 8	0 35	17 41	4 9	21 32	21 49	13 32			n.a.
M30	10 57	22 3	0 53	1 10	1 17	2 27	8 28	24 25	0 53	4 10	1 12	21 37	0 45	21 45	0 35	23 8	0 35	17 41	4 9	21 32	21 50	13 30			n.a.
T 31	10n36	21n 1	0n26	0n30	1s24	2s20	8s32	24n24	0n54	4n 5	1n12	21s38	0n45	21n44	0n35	23s 8	0n35	17n41	4s 9	21n31	21n50	13s28			n.a.

Julian Day Number = 1608773.5, Delta T = 03h54m35s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'47, Lahiri = - 8°12'46 Julian Calendar 1 Aug. 309 BCE == Greg. Calendar 27 July 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

SEPTEMBER 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 23 19	3♍48'40	13♌59	26♍51	15°R42	8♋20	22♍48	11♐ 4	26♋18	27°R52	7♊ 8	24°R14	22♋23	3♓40	n.a.	W 1
T 2	22 27 15	4°47'53	29°10	28° 9	15♍12	8°55	23° 0	11° 5	26°21	27♐52	7° 8	24♋11	22°20	3°47	n.a.	T 2
F 3	22 31 12	5°47'08	14♍27	29°26	14°40	9°31	23°13	11° 6	26°24	27°51	7° 9	24° 6	22°17	3°53	n.a.	F 3
S 4	22 35 8	6°46'26	29°38	0♎41	14° 7	10° 7	23°26	11° 8	26°27	27°51	7° 9	24° 0	22°14	4° 0	n.a.	S 4
S 5	22 39 5	7°45'45	14♎34	1°55	13°33	10°42	23°39	11° 9	26°30	27°51	7° 9	23°53	22°11	4° 7	n.a.	S 5
M 6	22 43 2	8°45'07	29° 7	3° 7	12°57	11°17	23°52	11°11	26°33	27°50	7° 9	23°47	22° 7	4°13	n.a.	M 6
T 7	22 46 58	9°44'30	13♏12	4°18	12°22	11°53	24° 5	11°13	26°36	27°50	7° 9	23°42	22° 4	4°20	n.a.	T 7
W 8	22 50 55	10°43'55	26°48	5°26	11°45	12°28	24°18	11°14	26°39	27°50	7° 9	23°39	22° 1	4°27	n.a.	W 8
T 9	22 54 51	11°43'22	9♐57	6°33	11° 9	13° 3	24°30	11°16	26°42	27°50	7° 9	23°D38	21°58	4°33	n.a.	T 9
F 10	22 58 48	12°42'52	22°41	7°37	10°32	13°38	24°43	11°18	26°45	27°50	7° 9	23°39	21°55	4°40	n.a.	F 10
S 11	23 2 44	13°42'23	5♑ 5	8°39	9°56	14°13	24°56	11°20	26°48	27°49	7° 9	23°40	21°51	4°47	n.a.	S 11
S 12	23 6 41	14°41'55	17°14	9°38	9°20	14°48	25° 9	11°23	26°50	27°49	7°R 9	23°41	21°48	4°54	n.a.	S 12
M13	23 10 37	15°41'30	29°12	10°35	8°45	15°23	25°23	11°25	26°53	27°49	7° 9	23°R41	21°45	5° 0	n.a.	M13
T 14	23 14 34	16°41'07	11♒ 4	11°29	8°11	15°57	25°36	11°27	26°56	27°D49	7° 9	23°39	21°42	5° 7	n.a.	T 14
W15	23 18 30	17°40'45	22°53	12°19	7°38	16°32	25°49	11°30	26°59	27°49	7° 9	23°35	21°39	5°14	n.a.	W15
T 16	23 22 27	18°40'26	4♓42	13° 5	7° 6	17° 7	26° 2	11°32	27° 1	27°49	7° 9	23°28	21°36	5°20	n.a.	T 16
F 17	23 26 24	19°40'08	16°34	13°47	6°37	17°41	26°15	11°35	27° 4	27°49	7° 9	23°19	21°32	5°27	n.a.	F 17
S 18	23 30 20	20°39'53	28°29	14°25	6° 8	18°15	26°28	11°37	27° 7	27°50	7° 9	23° 9	21°29	5°34	n.a.	S 18
S 19	23 34 17	21°39'40	10♈30	14°57	5°42	18°50	26°41	11°40	27° 9	27°50	7° 9	22°57	21°26	5°40	n.a.	S 19
M20	23 38 13	22°39'29	22°38	15°25	5°18	19°24	26°54	11°43	27°12	27°50	7° 9	22°46	21°23	5°47	n.a.	M20
T 21	23 42 10	23°39'20	4♉54	15°46	4°56	19°58	27° 7	11°46	27°14	27°50	7° 8	22°36	21°20	5°54	n.a.	T 21
W22	23 46 6	24°39'13	17°19	16° 0	4°36	20°32	27°21	11°49	27°17	27°50	7° 8	22°28	21°17	6° 0	n.a.	W22
T 23	23 50 3	25°39'09	29°57	16°R 8	4°19	21° 6	27°34	11°52	27°19	27°51	7° 8	22°22	21°13	6° 7	n.a.	T 23
F 24	23 53 59	26°39'07	12♊50	16° 7	4° 4	21°40	27°47	11°56	27°21	27°51	7° 8	22°19	21°10	6°14	n.a.	F 24
S 25	23 57 56	27°39'07	26° 1	15°59	3°52	22°13	28° 0	11°59	27°24	27°51	7° 7	22°D18	21° 7	6°20	n.a.	S 25
S 26	0 1 53	28°39'10	9♋32	15°41	3°42	22°47	28°13	12° 2	27°26	27°52	7° 7	22°18	21° 4	6°27	n.a.	S 26
M27	0 5 49	29°39'15	23°27	15°15	3°34	23°20	28°26	12° 6	27°28	27°52	7° 7	22°R19	21° 1	6°34	n.a.	M27
T 28	0 9 46	0♎39'22	7♌46	14°39	3°29	23°54	28°40	12°10	27°30	27°53	7° 6	22°18	20°57	6°40	n.a.	T 28
W29	0 13 42	1°39'32	22°27	13°53	3°26	24°27	28°53	12°13	27°32	27°53	7° 6	22°15	20°54	6°47	n.a.	W29
T 30	0 17 39	2♎39'43	7♍26	12♎59	3°D26	25♋ 0	29♍ 6	12♐17	27♋34	27♐54	7♊ 5	22♋ 9	20♋51	6♓54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n14	18n31	1n45	0s 8	1s32	2s13	8s36	24n22	0n54	4n 0	1n12	21s38	0n45	21n43	0n35	23s 8	0n35	17n41	4s 9	21n32	21n51	13s27		n.a.
T 2	9 52	14 41	2 58	0 46	1 39	2 4	8 39	24 21	0 55	3 55	1 12	21 38	0 45	21 43	0 35	23 8	0 35	17 41	4 9	21 32	21 51	13 25		n.a.
F 3	9 30	9 51	3 59	1 24	1 47	1 53	8 41	24 19	0 56	3 50	1 12	21 39	0 45	21 42	0 35	23 8	0 35	17 41	4 9	21 33	21 52	13 23		n.a.
S 4	9 8	4 27	4 42	2 1	1 54	1 42	8 42	24 17	0 57	3 44	1 12	21 39	0 44	21 42	0 35	23 8	0 35	17 40	4 9	21 34	21 52	13 21		n.a.
S 5	8 46	1s 8	5 5	2 37	2 1	1 29	8 42	24 15	0 58	3 39	1 12	21 39	0 44	21 41	0 35	23 8	0 35	17 40	4 9	21 36	21 53	13 19		n.a.
M 6	8 23	6 30	5 8	3 13	2 8	1 15	8 42	24 13	0 59	3 34	1 12	21 40	0 44	21 41	0 35	23 8	0 35	17 40	4 9	21 37	21 53	13 17		n.a.
T 7	8 1	11 22	4 51	3 47	2 15	1 0	8 40	24 11	0 59	3 29	1 12	21 40	0 44	21 40	0 35	23 8	0 35	17 40	4 9	21 37	21 54	13 15		n.a.
W 8	7 38	15 29	4 19	4 21	2 22	0 44	8 38	24 8	1 0	3 23	1 12	21 41	0 44	21 40	0 35	23 8	0 35	17 40	4 9	21 38	21 54	13 14		n.a.
T 9	7 15	18 41	3 34	4 53	2 28	0 27	8 34	24 6	1 1	3 18	1 12	21 41	0 44	21 39	0 35	23 8	0 35	17 40	4 9	21 38	21 55	13 12		n.a.
F 10	6 52	20 52	2 39	5 25	2 34	0 9	8 30	24 3	1 2	3 13	1 12	21 41	0 44	21 38	0 35	23 8	0 35	17 40	4 9	21 38	21 55	13 10		n.a.
S 11	6 29	21 59	1 39	5 55	2 40	0n10	8 24	24 0	1 3	3 8	1 12	21 42	0 43	21 38	0 35	23 8	0 35	17 40	4 9	21 38	21 56	13 8		n.a.
S 12	6 6	22 2	0 35	6 24	2 46	0 29	8 18	23 57	1 4	3 2	1 12	21 42	0 43	21 37	0 35	23 8	0 35	17 40	4 9	21 38	21 56	13 6		n.a.
M13	5 42	21 3	0s30	6 51	2 51	0 48	8 11	23 54	1 5	2 57	1 12	21 43	0 43	21 37	0 35	23 8	0 35	17 40	4 9	21 38	21 57	13 4		n.a.
T 14	5 19	19 8	1 32	7 17	2 56	1 8	8 3	23 51	1 5	2 52	1 12	21 43	0 43	21 36	0 35	23 8	0 35	17 40	4 10	21 38	21 58	13 2		n.a.
W15	4 56	16 25	2 30	7 41	3 0	1 29	7 55	23 48	1 6	2 47	1 12	21 44	0 43	21 36	0 35	23 8	0 35	17 40	4 10	21 39	21 58	13 0		n.a.
T 16	4 32	13 1	3 22	8 2	3 4	1 49	7 45	23 44	1 7	2 41	1 12	21 44	0 43	21 35	0 36	23 8	0 35	17 40	4 10	21 40	21 59	12 58		n.a.
F 17	4 8	9 7	4 4	8 22	3 7	2 9	7 35	23 40	1 8	2 36	1 11	21 45	0 43	21 35	0 36	23 8	0 34	17 40	4 10	21 41	21 59	12 56		n.a.
S 18	3 45	4 50	4 37	8 39	3 9	2 29	7 24	23 37	1 9	2 31	1 11	21 45	0 42	21 34	0 36	23 8	0 34	17 40	4 10	21 43	22 0	12 55		n.a.
S 19	3 21	0 20	4 57	8 54	3 11	2 50	7 13	23 33	1 10	2 25	1 11	21 46	0 42	21 34	0 36	23 8	0 34	17 40	4 10	21 45	22 0	12 53		n.a.
M20	2 57	4n13	5 4	9 5	3 12	3 9	7 1	23 29	1 11	2 20	1 11	21 46	0 42	21 33	0 36	23 8	0 34	17 40	4 10	21 47	22 1	12 51		n.a.
T 21	2 33	8 39	4 57	9 14	3 12	3 29	6 49	23 25	1 12	2 15	1 11	21 47	0 42	21 33	0 36	23 8	0 34	17 40	4 10	21 49	22 1	12 49		n.a.
W22	2 9	12 48	4 36	9 18	3 11	3 48	6 36	23 20	1 13	2 9	1 11	21 47	0 42	21 33	0 36	23 9	0 34	17 40	4 10	21 50	22 2	12 47		n.a.
T 23	1 45	16 27	4 1	9 19	3 9	4 6	6 23	23 16	1 14	2 4	1 11	21 48	0 42	21 32	0 36	23 9	0 34	17 40	4 10	21 51	22 2	12 45		n.a.
F 24	1 21	19 24	3 14	9 16	3 6	4 24	6 10	23 12	1 15	1 59	1 11	21 49	0 42	21 32	0 36	23 9	0 34	17 39	4 10	21 51	22 3	12 43		n.a.
S 25	0 57	21 25	2 15	9 8	3 1	4 41	5 57	23 7	1 16	1 54	1 11	21 49	0 41	21 31	0 36	23 9	0 34	17 39	4 10	21 52	22 3	12 41		n.a.
S 26	0 33	22 16	1 7	8 55	2 54	4 57	5 43	23 2	1 16	1 48	1 11	21 50	0 41	21 31	0 36	23 9	0 34	17 39	4 10	21 52	22 4	12 39		n.a.
M27	0 8	21 46	0n 6	8 37	2 46	5 12	5 30	22 57	1 17	1 43	1 11	21 50	0 41	21 30	0 36	23 9	0 34	17 39	4 10	21 52	22 4	12 37		n.a.
T 28	0s16	19 51	1 21	8 14	2 36	5 27	5 16	22 53	1 18	1 38	1 11	21 51	0 41	21 30	0 36	23 9	0 34	17 39	4 10	21 52	22 5	12 35		n.a.
W29	0 40	16 36	2 33	7 46	2 25	5 41	5 2	22 48	1 19	1 32	1 11	21 52	0 41	21 30	0 36	23 9	0 34	17 39	4 10	21 52	22 5	12 33		n.a.
T 30	1s 4	12n12	3n35	7s12	2s11	5n54	4s48	22n42	1n20	1n27	1n11	21s52	0n41	21n29	0n36	23s 9	0n34	17n39	4s10	21n53	22n 6	12s31		n.a.

Julian Day Number = 1608804.5, Delta T = 03h54m34s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'42, Lahiri = - 8°12'42 Julian Calendar 1 Sept. 309 BCE == Greg. Calendar 27 Aug. 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

OCTOBER 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 21 35	3♎39'57	22♍35	11°R57	3♍28	25♋33	29♍19	12♐21	27♋36	27♐54	7°R 5	22°R 0	20♋48	7♓ 1	n.a.	F 1
S 2	0 25 32	4°40'12	7♎45	10♎48	3°33	26° 6	29°32	12°25	27°38	27°55	7♊ 5	21♋50	20°45	7° 7	n.a.	S 2
S 3	0 29 28	5°40'30	22°44	9°34	3°40	26°39	29°45	12°29	27°40	27°55	7° 4	21°39	20°42	7°14	n.a.	S 3
M 4	0 33 25	6°40'49	7♏23	8°16	3°49	27°11	29°59	12°33	27°42	27°56	7° 4	21°28	20°38	7°21	n.a.	M 4
T 5	0 37 21	7°41'10	21°37	6°57	4° 0	27°44	0♎12	12°37	27°44	27°57	7° 3	21°19	20°35	7°27	n.a.	T 5
W 6	0 41 18	8°41'32	5♐20	5°40	4°14	28°16	0°25	12°41	27°46	27°58	7° 3	21°12	20°32	7°34	n.a.	W 6
T 7	0 45 15	9°41'56	18°34	4°27	4°29	28°49	0°38	12°46	27°48	27°58	7° 2	21° 9	20°29	7°41	n.a.	T 7
F 8	0 49 11	10°42'22	1♑22	3°20	4°47	29°21	0°51	12°50	27°49	27°59	7° 1	21° 7	20°26	7°47	n.a.	F 8
S 9	0 53 8	11°42'49	13°47	2°21	5° 6	29°53	1° 4	12°55	27°51	28° 0	7° 1	21° 7	20°23	7°54	n.a.	S 9
S 10	0 57 4	12°43'18	25°55	1°32	5°28	0♌25	1°17	12°59	27°52	28° 1	7° 0	21° 7	20°19	8° 1	n.a.	S 10
M11	1 1 1	13°43'48	7♒51	0°54	5°51	0°57	1°30	13° 4	27°54	28° 2	6°59	21° 6	20°16	8° 7	n.a.	M11
T 12	1 4 57	14°44'20	19°41	0°28	6°16	1°28	1°43	13° 8	27°55	28° 3	6°59	21° 3	20°13	8°14	n.a.	T 12
W13	1 8 54	15°44'53	1♓30	0°14	6°43	2° 0	1°56	13°13	27°57	28° 4	6°58	20°57	20°10	8°21	n.a.	W13
T 14	1 12 50	16°45'27	13°20	0°D11	7°12	2°31	2° 9	13°18	27°58	28° 5	6°57	20°49	20° 7	8°27	n.a.	T 14
F 15	1 16 47	17°46'03	25°16	0°19	7°42	3° 3	2°22	13°23	28° 0	28° 6	6°57	20°37	20° 3	8°34	n.a.	F 15
S 16	1 20 44	18°46'40	7♈18	0°37	8°13	3°34	2°35	13°28	28° 1	28° 7	6°56	20°24	20° 0	8°41	n.a.	S 16
S 17	1 24 40	19°47'19	19°30	1° 5	8°47	4° 5	2°48	13°33	28° 2	28° 8	6°55	20° 9	19°57	8°48	n.a.	S 17
M18	1 28 37	20°47'59	1♉51	1°41	9°21	4°36	3° 1	13°38	28° 3	28° 9	6°54	19°55	19°54	8°54	n.a.	M18
T 19	1 32 33	21°48'41	14°21	2°25	9°57	5° 6	3°14	13°43	28° 4	28°10	6°54	19°42	19°51	9° 1	n.a.	T 19
W20	1 36 30	22°49'25	27° 2	3°16	10°35	5°37	3°27	13°48	28° 5	28°11	6°53	19°31	19°48	9° 8	n.a.	W20
T 21	1 40 26	23°50'10	9♊53	4°13	11°14	6° 7	3°39	13°54	28° 6	28°12	6°52	19°23	19°44	9°14	n.a.	T 21
F 22	1 44 23	24°50'57	22°55	5°16	11°54	6°37	3°52	13°59	28° 7	28°14	6°51	19°18	19°41	9°21	n.a.	F 22
S 23	1 48 19	25°51'46	6♋10	6°22	12°35	7° 7	4° 5	14° 5	28° 8	28°15	6°50	19°16	19°38	9°28	n.a.	S 23
S 24	1 52 16	26°52'36	19°40	7°33	13°17	7°37	4°18	14°10	28° 9	28°16	6°49	19°16	19°35	9°34	n.a.	S 24
M25	1 56 13	27°53'28	3♌27	8°47	14° 1	8° 7	4°30	14°16	28°10	28°17	6°48	19°16	19°32	9°41	n.a.	M25
T 26	2 0 9	28°54'22	17°31	10° 4	14°45	8°37	4°43	14°21	28°11	28°19	6°47	19°15	19°28	9°48	n.a.	T 26
W27	2 4 6	29°55'17	1♍53	11°24	15°31	9° 6	4°55	14°27	28°11	28°20	6°47	19°12	19°25	9°54	n.a.	W27
T 28	2 8 2	0♏56'13	16°30	12°46	16°18	9°35	5° 8	14°33	28°12	28°22	6°46	19° 6	19°22	10° 1	n.a.	T 28
F 29	2 11 59	1°57'11	1♎16	14° 9	17° 5	10° 4	5°20	14°38	28°13	28°23	6°45	18°57	19°19	10° 8	n.a.	F 29
S 30	2 15 55	2°58'10	16° 6	15°34	17°53	10°33	5°33	14°44	28°13	28°24	6°44	18°46	19°16	10°15	n.a.	S 30
S 31	2 19 52	3♏59'11	0♏50	17♎ 0	18♍43	11♌ 2	5♎45	14♐50	28♋13	28♐26	6♊43	18♋35	19♋13	10♓21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s28	7n 0	4n23	6s33	1s56	6n 6	4s34	22n37	1n21	1n22	1n11	21s53	0n41	21n29	0n36	23s 9	0n34	17n39	4s10	21n55	22n 6	12s29		n.a.
S 2	1 53	1 22	4 53	5 50	1 39	6 17	4 21	22 32	1 22	1 16	1 11	21 54	0 40	21 29	0 36	23 9	0 34	17 39	4 10	21 56	22 7	12 27		n.a.
S 3	2 17	4s17	5 1	5 4	1 20	6 27	4 7	22 27	1 23	1 11	1 11	21 54	0 40	21 28	0 36	23 9	0 34	17 39	4 10	21 58	22 7	12 25		n.a.
M 4	2 41	9 35	4 50	4 15	1 1	6 36	3 54	22 21	1 24	1 6	1 11	21 55	0 40	21 28	0 36	23 9	0 34	17 38	4 10	22 0	22 7	12 23		n.a.
T 5	3 5	14 11	4 21	3 24	0 40	6 44	3 41	22 16	1 25	1 1	1 11	21 56	0 40	21 28	0 36	23 9	0 34	17 38	4 10	22 1	22 8	12 21		n.a.
W 6	3 29	17 53	3 37	2 35	0 19	6 52	3 28	22 10	1 26	0 55	1 11	21 56	0 40	21 27	0 36	23 9	0 34	17 38	4 10	22 2	22 8	12 19		n.a.
T 7	3 53	20 31	2 43	1 46	0n 1	6 58	3 15	22 4	1 27	0 50	1 11	21 57	0 40	21 27	0 36	23 9	0 34	17 38	4 10	22 3	22 9	12 17		n.a.
F 8	4 17	22 1	1 43	1 1	0 21	7 3	3 2	21 58	1 28	0 45	1 11	21 58	0 40	21 27	0 36	23 9	0 34	17 38	4 10	22 3	22 9	12 15		n.a.
S 9	4 41	22 22	0 39	0 20	0 40	7 8	2 49	21 53	1 29	0 39	1 11	21 58	0 39	21 26	0 36	23 9	0 34	17 38	4 10	22 3	22 10	12 13		n.a.
S 10	5 5	21 38	0s25	0n16	0 58	7 11	2 37	21 47	1 30	0 34	1 11	21 59	0 39	21 26	0 36	23 9	0 34	17 38	4 10	22 3	22 10	12 11		n.a.
M11	5 29	19 56	1 27	0 46	1 14	7 14	2 25	21 41	1 31	0 29	1 11	22 0	0 39	21 26	0 36	23 9	0 34	17 38	4 10	22 3	22 11	12 9		n.a.
T 12	5 53	17 23	2 25	1 9	1 28	7 16	2 13	21 34	1 32	0 24	1 11	22 0	0 39	21 25	0 36	23 9	0 34	17 37	4 11	22 4	22 11	12 7		n.a.
W13	6 16	14 7	3 16	1 27	1 41	7 17	2 1	21 28	1 33	0 19	1 11	22 1	0 39	21 25	0 36	23 9	0 34	17 37	4 11	22 5	22 12	12 5		n.a.
T 14	6 40	10 18	3 59	1 38	1 51	7 16	1 50	21 22	1 34	0 13	1 11	22 2	0 39	21 25	0 37	23 9	0 34	17 37	4 11	22 6	22 12	12 3		n.a.
F 15	7 3	6 3	4 31	1 43	2 0	7 15	1 39	21 16	1 36	0 8	1 11	22 3	0 39	21 25	0 37	23 9	0 34	17 37	4 11	22 8	22 13	12 1		n.a.
S 16	7 27	1 32	4 52	1 42	2 7	7 14	1 28	21 10	1 37	0 3	1 11	22 3	0 39	21 25	0 37	23 10	0 34	17 37	4 11	22 10	22 13	11 59		n.a.
S 17	7 50	3n 6	4 59	1 36	2 13	7 11	1 17	21 3	1 38	0s 2	1 11	22 4	0 38	21 24	0 37	23 10	0 34	17 37	4 11	22 12	22 14	11 57		n.a.
M18	8 13	7 41	4 53	1 25	2 17	7 7	1 7	20 57	1 39	0 7	1 11	22 5	0 38	21 24	0 37	23 10	0 34	17 37	4 11	22 14	22 14	11 55		n.a.
T 19	8 36	12 0	4 33	1 9	2 20	7 3	0 57	20 50	1 40	0 12	1 12	22 6	0 38	21 24	0 37	23 10	0 34	17 36	4 11	22 16	22 15	11 53		n.a.
W20	8 59	15 52	3 59	0 50	2 21	6 58	0 47	20 44	1 41	0 18	1 12	22 6	0 38	21 24	0 37	23 10	0 33	17 36	4 11	22 18	22 15	11 51		n.a.
T 21	9 22	19 2	3 12	0 28	2 22	6 52	0 37	20 37	1 42	0 23	1 12	22 7	0 38	21 24	0 37	23 10	0 33	17 36	4 11	22 19	22 16	11 49		n.a.
F 22	9 44	21 18	2 14	0 2	2 21	6 45	0 28	20 30	1 43	0 28	1 12	22 8	0 38	21 23	0 37	23 10	0 33	17 36	4 11	22 19	22 16	11 47		n.a.
S 23	10 7	22 27	1 9	0s26	2 19	6 38	0 19	20 24	1 44	0 33	1 12	22 9	0 38	21 23	0 37	23 10	0 33	17 36	4 11	22 20	22 17	11 45		n.a.
S 24	10 29	22 18	0n 2	0 56	2 17	6 29	0 10	20 17	1 45	0 38	1 12	22 9	0 38	21 23	0 37	23 10	0 33	17 36	4 11	22 20	22 17	11 43		n.a.
M25	10 51	20 49	1 14	1 29	2 14	6 21	0 1	20 10	1 47	0 43	1 12	22 10	0 38	21 23	0 37	23 10	0 33	17 36	4 11	22 20	22 17	11 41		n.a.
T 26	11 13	18 3	2 23	2 2	2 11	6 11	0n 7	20 4	1 48	0 48	1 12	22 11	0 37	21 23	0 37	23 10	0 33	17 35	4 11	22 20	22 18	11 39		n.a.
W27	11 35	14 7	3 25	2 38	2 6	6 0	0 15	19 57	1 49	0 53	1 12	22 12	0 37	21 23	0 37	23 10	0 33	17 35	4 11	22 20	22 18	11 37		n.a.
T 28	11 56	9 17	4 14	3 14	2 2	5 49	0 23	19 50	1 50	0 58	1 12	22 13	0 37	21 23	0 37	23 10	0 33	17 35	4 11	22 21	22 19	11 35		n.a.
F 29	12 18	3 52	4 47	3 51	1 57	5 38	0 31	19 43	1 51	1 3	1 12	22 13	0 37	21 23	0 37	23 10	0 33	17 35	4 11	22 22	22 19	11 33		n.a.
S 30	12 39	1s47	5 1	4 29	1 51	5 25	0 38	19 37	1 53	1 8	1 12	22 14	0 37	21 23	0 37	23 10	0 33	17 35	4 11	22 24	22 20	11 31		n.a.
S 31	13s 0	7s19	4n54	5s 8	1n46	5n12	0n45	19n30	1n54	1s13	1n12	22s15	0n37	21n23	0n37	23s10	0n33	17n35	4s11	22n26	22n20	11s29		n.a.

Julian Day Number = 1608834.5, Delta T = 03h54m33s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'38, Lahiri = - 8°12'38 Julian Calendar 1 Oct. 309 BCE == Greg. Calendar 26 Sept. 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

NOVEMBER 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 23 48	5♏ 0'13	15♏20	18♎27	19♍33	11♌30	5♎58	14♐56	28♋14	28♐27	6°R42	18°R23	19♋ 9	10♓28	n.a.	M 1
T 2	2 27 45	6° 1'15	29°29	19°55	20°24	11°58	6°10	15° 2	28°14	28°29	6♊41	18♋13	19° 6	10°35	n.a.	T 2
W 3	2 31 42	7° 2'19	13♐13	21°24	21°16	12°26	6°22	15° 8	28°14	28°31	6°40	18° 6	19° 3	10°41	n.a.	W 3
T 4	2 35 38	8° 3'24	26°31	22°54	22° 8	12°54	6°34	15°14	28°15	28°32	6°38	18° 2	19° 0	10°48	n.a.	T 4
F 5	2 39 35	9° 4'29	9♑22	24°24	23° 1	13°22	6°47	15°20	28°15	28°34	6°37	18° 0	18°57	10°55	n.a.	F 5
S 6	2 43 31	10° 5'35	21°51	25°54	23°55	13°49	6°59	15°26	28°15	28°35	6°36	17°D59	18°54	11° 1	n.a.	S 6
S 7	2 47 28	11° 6'42	4♒ 2	27°25	24°50	14°16	7°11	15°33	28°R15	28°37	6°35	18° 0	18°50	11° 8	n.a.	S 7
M 8	2 51 24	12° 7'49	16° 1	28°57	25°45	14°43	7°23	15°39	28°15	28°39	6°34	18°R 0	18°47	11°15	n.a.	M 8
T 9	2 55 21	13° 8'57	27°52	0♏28	26°41	15°10	7°35	15°45	28°15	28°40	6°33	17°59	18°44	11°21	n.a.	T 9
W10	2 59 17	14°10'05	9♓41	2° 0	27°37	15°36	7°46	15°51	28°15	28°42	6°32	17°55	18°41	11°28	n.a.	W10
T 11	3 3 14	15°11'13	21°33	3°32	28°34	16° 3	7°58	15°58	28°15	28°44	6°31	17°49	18°38	11°35	n.a.	T 11
F 12	3 7 11	16°12'23	3♈33	5° 4	29°32	16°29	8°10	16° 4	28°14	28°46	6°30	17°41	18°34	11°42	n.a.	F 12
S 13	3 11 7	17°13'32	15°42	6°36	0♎30	16°54	8°22	16°11	28°14	28°48	6°29	17°30	18°31	11°48	n.a.	S 13
S 14	3 15 4	18°14'42	28° 4	8° 9	1°28	17°20	8°33	16°17	28°14	28°49	6°27	17°19	18°28	11°55	n.a.	S 14
M15	3 19 0	19°15'53	10♉39	9°42	2°27	17°45	8°45	16°24	28°13	28°51	6°26	17° 7	18°25	12° 2	n.a.	M15
T 16	3 22 57	20°17'04	23°27	11°14	3°27	18°10	8°56	16°30	28°13	28°53	6°25	16°57	18°22	12° 8	n.a.	T 16
W17	3 26 53	21°18'16	6♊28	12°47	4°27	18°35	9° 8	16°37	28°12	28°55	6°24	16°49	18°19	12°15	n.a.	W17
T 18	3 30 50	22°19'28	19°41	14°20	5°28	18°59	9°19	16°44	28°12	28°57	6°23	16°43	18°15	12°22	n.a.	T 18
F 19	3 34 46	23°20'41	3♋ 4	15°54	6°29	19°23	9°30	16°50	28°11	28°59	6°21	16°40	18°12	12°28	n.a.	F 19
S 20	3 38 43	24°21'55	16°38	17°27	7°30	19°47	9°41	16°57	28°11	29° 1	6°20	16°D39	18° 9	12°35	n.a.	S 20
S 21	3 42 40	25°23'09	0♌20	19° 1	8°32	20°11	9°52	17° 4	28°10	29° 3	6°19	16°39	18° 6	12°42	n.a.	S 21
M22	3 46 36	26°24'24	14°12	20°35	9°34	20°34	10° 3	17°10	28° 9	29° 5	6°18	16°40	18° 3	12°49	n.a.	M22
T 23	3 50 33	27°25'39	28°13	22° 9	10°37	20°57	10°14	17°17	28° 8	29° 7	6°17	16°R41	18° 0	12°55	n.a.	T 23
W24	3 54 29	28°26'55	12♍23	23°43	11°40	21°20	10°25	17°24	28° 7	29° 9	6°15	16°40	17°56	13° 2	n.a.	W24
T 25	3 58 26	29°28'11	26°39	25°18	12°43	21°42	10°36	17°31	28° 7	29°11	6°14	16°37	17°53	13° 9	n.a.	T 25
F 26	4 2 22	0♐29'28	11♎ 0	26°52	13°47	22° 4	10°47	17°38	28° 6	29°13	6°13	16°32	17°50	13°15	n.a.	F 26
S 27	4 6 19	1°30'45	25°21	28°27	14°51	22°26	10°57	17°45	28° 4	29°15	6°12	16°25	17°47	13°22	n.a.	S 27
S 28	4 10 15	2°32'02	9♏37	0♐ 3	15°55	22°47	11° 8	17°52	28° 3	29°17	6°11	16°18	17°44	13°29	n.a.	S 28
M29	4 14 12	3°33'20	23°43	1°38	16°59	23° 8	11°18	17°58	28° 2	29°19	6° 9	16°10	17°40	13°35	n.a.	M29
T 30	4 18 9	4♐34'37	7♐33	3♐14	18♎ 4	23♌29	11♎28	18♐ 5	28♋ 1	29♐21	6♊ 8	16♋ 4	17♋37	13♓42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s21	12s21	4n29	5s47	1n40	4n59	0n52	19n23	1n55	1s18	1n12	22s16	0n37	21n23	0n37	23s10	0n33	17n34	4s11	22n27	22n21	11s27		n.a.
T 2	13 41	16 35	3 47	6 26	1 34	4 45	0 59	19 16	1 56	1 22	1 12	22 16	0 37	21 23	0 37	23 10	0 33	17 34	4 11	22 28	22 21	11 25		n.a.
W 3	14 2	19 48	2 53	7 6	1 27	4 30	1 5	19 9	1 57	1 27	1 12	22 17	0 37	21 22	0 37	23 10	0 33	17 34	4 11	22 29	22 22	11 23		n.a.
T 4	14 22	21 50	1 52	7 45	1 21	4 15	1 11	19 2	1 59	1 32	1 12	22 18	0 36	21 22	0 37	23 10	0 33	17 34	4 11	22 30	22 22	11 20		n.a.
F 5	14 42	22 38	0 46	8 25	1 14	3 59	1 17	18 56	2 0	1 37	1 13	22 19	0 36	21 22	0 37	23 10	0 33	17 34	4 11	22 30	22 22	11 18		n.a.
S 6	15 1	22 16	0s21	9 5	1 8	3 43	1 23	18 49	2 1	1 42	1 13	22 20	0 36	21 23	0 37	23 10	0 33	17 34	4 11	22 30	22 23	11 16		n.a.
S 7	15 21	20 51	1 24	9 44	1 1	3 26	1 29	18 42	2 3	1 46	1 13	22 20	0 36	21 23	0 38	23 10	0 33	17 33	4 11	22 30	22 23	11 14		n.a.
M 8	15 40	18 31	2 23	10 24	0 54	3 9	1 34	18 35	2 4	1 51	1 13	22 21	0 36	21 23	0 38	23 11	0 33	17 33	4 11	22 30	22 24	11 12		n.a.
T 9	15 59	15 25	3 16	11 3	0 47	2 51	1 39	18 28	2 5	1 56	1 13	22 22	0 36	21 23	0 38	23 11	0 33	17 33	4 11	22 30	22 24	11 10		n.a.
W10	16 17	11 43	3 59	11 41	0 40	2 33	1 44	18 22	2 6	2 0	1 13	22 23	0 36	21 23	0 38	23 11	0 33	17 33	4 11	22 31	22 25	11 8		n.a.
T 11	16 35	7 33	4 33	12 20	0 33	2 14	1 49	18 15	2 8	2 5	1 13	22 23	0 36	21 23	0 38	23 11	0 33	17 33	4 11	22 32	22 25	11 6		n.a.
F 12	16 53	3 4	4 55	12 58	0 26	1 55	1 54	18 8	2 9	2 10	1 13	22 24	0 36	21 23	0 38	23 11	0 33	17 33	4 11	22 33	22 26	11 4		n.a.
S 13	17 11	1n35	5 4	13 35	0 19	1 36	1 58	18 2	2 10	2 14	1 13	22 25	0 35	21 23	0 38	23 11	0 33	17 32	4 11	22 34	22 26	11 2		n.a.
S 14	17 28	6 16	4 58	14 12	0 12	1 16	2 2	17 55	2 12	2 19	1 13	22 26	0 35	21 23	0 38	23 11	0 33	17 32	4 11	22 36	22 26	10 59		n.a.
M15	17 45	10 47	4 39	14 48	0 6	0 56	2 6	17 49	2 13	2 23	1 13	22 27	0 35	21 23	0 38	23 11	0 33	17 32	4 11	22 37	22 27	10 57		n.a.
T 16	18 2	14 54	4 5	15 24	0s 1	0 36	2 10	17 42	2 15	2 28	1 13	22 27	0 35	21 23	0 38	23 11	0 33	17 32	4 11	22 39	22 27	10 55		n.a.
W17	18 18	18 24	3 18	16 0	0 8	0 15	2 13	17 36	2 16	2 32	1 14	22 28	0 35	21 23	0 38	23 11	0 33	17 32	4 10	22 40	22 28	10 53		n.a.
T 18	18 34	21 1	2 19	16 34	0 15	0s 6	2 17	17 29	2 17	2 36	1 14	22 29	0 35	21 24	0 38	23 11	0 33	17 31	4 10	22 40	22 28	10 51		n.a.
F 19	18 50	22 29	1 12	17 8	0 21	0 28	2 20	17 23	2 19	2 41	1 14	22 30	0 35	21 24	0 38	23 11	0 33	17 31	4 10	22 41	22 29	10 49		n.a.
S 20	19 6	22 41	0 0	17 41	0 28	0 50	2 23	17 17	2 20	2 45	1 14	22 30	0 35	21 24	0 38	23 11	0 33	17 31	4 10	22 41	22 29	10 47		n.a.
S 21	19 21	21 31	1n13	18 14	0 34	1 12	2 26	17 10	2 22	2 49	1 14	22 31	0 35	21 24	0 38	23 11	0 33	17 31	4 10	22 41	22 29	10 45		n.a.
M22	19 35	19 3	2 23	18 46	0 40	1 34	2 28	17 4	2 23	2 54	1 14	22 32	0 35	21 24	0 38	23 11	0 33	17 31	4 10	22 41	22 30	10 42		n.a.
T 23	19 50	15 26	3 25	19 16	0 46	1 56	2 31	16 58	2 25	2 58	1 14	22 33	0 35	21 25	0 38	23 11	0 33	17 31	4 10	22 41	22 30	10 40		n.a.
W24	20 3	10 55	4 15	19 46	0 52	2 19	2 33	16 52	2 26	3 2	1 14	22 33	0 34	21 25	0 38	23 11	0 33	17 30	4 10	22 41	22 31	10 38		n.a.
T 25	20 17	5 46	4 50	20 16	0 58	2 42	2 35	16 46	2 28	3 6	1 15	22 34	0 34	21 25	0 38	23 11	0 33	17 30	4 10	22 41	22 31	10 36		n.a.
F 26	20 30	0 17	5 7	20 44	1 4	3 5	2 37	16 40	2 29	3 10	1 15	22 35	0 34	21 25	0 38	23 11	0 33	17 30	4 10	22 42	22 32	10 34		n.a.
S 27	20 43	5s12	5 4	21 11	1 9	3 29	2 39	16 35	2 31	3 14	1 15	22 36	0 34	21 25	0 38	23 11	0 33	17 30	4 10	22 43	22 32	10 32		n.a.
S 28	20 55	10 24	4 43	21 37	1 15	3 52	2 41	16 29	2 32	3 19	1 15	22 36	0 34	21 26	0 38	23 11	0 33	17 30	4 10	22 43	22 32	10 29		n.a.
M29	21 7	14 58	4 5	22 2	1 20	4 16	2 42	16 23	2 34	3 23	1 15	22 37	0 34	21 26	0 38	23 11	0 32	17 30	4 10	22 44	22 33	10 27		n.a.
T 30	21s19	18s40	3n13	22s27	1s25	4s39	2n44	16n18	2n36	3s26	1n15	22s38	0n34	21n26	0n38	23s11	0n32	17n30	4s10	22n45	22n33	10s25		n.a.

Julian Day Number = 1608865.5, Delta T = 03h54m32s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'34, Lahiri = - 8°12'34 Julian Calendar 1 Nov. 309 BCE == Greg. Calendar 27 Oct. 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 309 BCE
geocentric

DECEMBER 309 BCE (-308) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 22 5	5♐35'55	21♐ 4	4♐50	19♎ 9	23♌49	11♎39	18♐12	28°R 0	29♐23	6°R 7	15°R59	17♋34	13♓49	n.a.	W 1
T 2	4 26 2	6°37'13	4♑15	6°27	20°15	24° 9	11°49	18°19	27♋59	29°25	6♊ 6	15♋57	17°31	13°56	n.a.	T 2
F 3	4 29 58	7°38'30	17° 4	8° 4	21°21	24°29	11°59	18°26	27°57	29°27	6° 4	15°D56	17°28	14° 2	n.a.	F 3
S 4	4 33 55	8°39'47	29°34	9°41	22°26	24°48	12° 9	18°33	27°56	29°30	6° 3	15°57	17°25	14° 9	n.a.	S 4
S 5	4 37 51	9°41'03	11♒47	11°19	23°33	25° 7	12°18	18°40	27°54	29°32	6° 2	15°58	17°21	14°16	n.a.	S 5
M 6	4 41 48	10°42'19	23°48	12°57	24°39	25°25	12°28	18°47	27°53	29°34	6° 1	16° 0	17°18	14°22	n.a.	M 6
T 7	4 45 45	11°43'34	5♓41	14°35	25°46	25°43	12°38	18°54	27°51	29°36	5°59	16° 1	17°15	14°29	n.a.	T 7
W 8	4 49 41	12°44'49	17°32	16°14	26°53	26° 0	12°47	19° 1	27°50	29°38	5°58	16°R 1	17°12	14°36	n.a.	W 8
T 9	4 53 38	13°46'03	29°25	17°53	28° 0	26°17	12°57	19° 9	27°48	29°40	5°57	16° 0	17° 9	14°42	n.a.	T 9
F 10	4 57 34	14°47'16	11♈25	19°33	29° 7	26°34	13° 6	19°16	27°47	29°43	5°56	15°57	17° 6	14°49	n.a.	F 10
S 11	5 1 31	15°48'29	23°37	21°13	0♏14	26°50	13°15	19°23	27°45	29°45	5°55	15°53	17° 2	14°56	n.a.	S 11
S 12	5 5 27	16°49'41	6♉ 4	22°53	1°22	27° 6	13°24	19°30	27°43	29°47	5°53	15°48	16°59	15° 3	n.a.	S 12
M13	5 9 24	17°50'52	18°49	24°34	2°30	27°21	13°33	19°37	27°41	29°49	5°52	15°43	16°56	15° 9	n.a.	M13
T 14	5 13 20	18°52'03	1♊51	26°15	3°38	27°36	13°42	19°44	27°39	29°52	5°51	15°39	16°53	15°16	n.a.	T 14
W15	5 17 17	19°53'13	15°11	27°56	4°46	27°50	13°50	19°51	27°38	29°54	5°50	15°35	16°50	15°23	n.a.	W15
T 16	5 21 14	20°54'22	28°48	29°38	5°54	28° 4	13°59	19°58	27°36	29°56	5°49	15°33	16°46	15°29	n.a.	T 16
F 17	5 25 10	21°55'31	12♋38	1♑20	7° 3	28°17	14° 7	20° 5	27°34	29°58	5°47	15°D32	16°43	15°36	n.a.	F 17
S 18	5 29 7	22°56'39	26°39	3° 2	8°12	28°30	14°16	20°12	27°32	0♑ 1	5°46	15°32	16°40	15°43	n.a.	S 18
S 19	5 33 3	23°57'47	10♌48	4°43	9°20	28°42	14°24	20°19	27°30	0° 3	5°45	15°33	16°37	15°49	n.a.	S 19
M20	5 37 0	24°58'54	25° 0	6°25	10°29	28°54	14°32	20°26	27°28	0° 5	5°44	15°35	16°34	15°56	n.a.	M20
T 21	5 40 56	26° 0'00	9♍13	8° 7	11°39	29° 5	14°40	20°33	27°26	0° 7	5°43	15°36	16°31	16° 3	n.a.	T 21
W22	5 44 53	27° 1'06	23°25	9°48	12°48	29°15	14°48	20°40	27°24	0°10	5°42	15°R37	16°27	16°10	n.a.	W22
T 23	5 48 50	28° 2'11	7♎34	11°28	13°57	29°25	14°55	20°48	27°21	0°12	5°40	15°37	16°24	16°16	n.a.	T 23
F 24	5 52 46	29° 3'15	21°37	13° 8	15° 7	29°35	15° 3	20°55	27°19	0°14	5°39	15°36	16°21	16°23	n.a.	F 24
S 25	5 56 43	0♑ 4'19	5♏33	14°46	16°17	29°43	15°10	21° 2	27°17	0°17	5°38	15°34	16°18	16°30	n.a.	S 25
S 26	6 0 39	1° 5'22	19°20	16°23	17°26	29°52	15°17	21° 9	27°15	0°19	5°37	15°32	16°15	16°36	n.a.	S 26
M27	6 4 36	2° 6'24	2♐56	17°58	18°36	29°59	15°24	21°16	27°12	0°21	5°36	15°30	16°12	16°43	n.a.	M27
T 28	6 8 32	3° 7'26	16°19	19°31	19°46	0♍ 6	15°31	21°23	27°10	0°23	5°35	15°28	16° 8	16°50	n.a.	T 28
W29	6 12 29	4° 8'26	29°28	21° 2	20°56	0°12	15°38	21°30	27° 8	0°26	5°34	15°27	16° 5	16°57	n.a.	W29
T 30	6 16 25	5° 9'26	12♑22	22°28	22° 7	0°18	15°45	21°37	27° 5	0°28	5°33	15°D27	16° 2	17° 3	n.a.	T 30
F 31	6 20 22	6♑10'24	25♑ 0	23♑51	23♏17	0♍23	15♎51	21♐44	27♋ 3	0♑30	5♊32	15♋27	15♋59	17♓10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21 s30	21 s15	2n11	22 s50	1 s29	5 s 3	2n45	16n13	2n37	3 s30	1n15	22 s38	0n34	21n27	0n38	23 s11	0n32	17n29	4 s10	22n46	22n34	10 s23			n.a.
T 2	21 41	22 37	1 3	23 11	1 34	5 27	2 46	16 7	2 39	3 34	1 15	22 39	0 34	21 27	0 38	23 11	0 32	17 29	4 10	22 46	22 34	10 21			n.a.
F 3	21 51	22 44	0 s 6	23 32	1 38	5 51	2 47	16 2	2 40	3 38	1 16	22 40	0 34	21 27	0 39	23 11	0 32	17 29	4 10	22 46	22 35	10 19			n.a.
S 4	22 1	21 41	1 14	23 51	1 42	6 15	2 47	15 57	2 42	3 42	1 16	22 40	0 34	21 27	0 39	23 11	0 32	17 29	4 10	22 46	22 35	10 16			n.a.
S 5	22 10	19 39	2 16	24 9	1 46	6 39	2 48	15 52	2 44	3 46	1 16	22 41	0 34	21 28	0 39	23 11	0 32	17 29	4 10	22 46	22 35	10 14			n.a.
M 6	22 19	16 46	3 12	24 26	1 49	7 3	2 48	15 48	2 45	3 49	1 16	22 42	0 33	21 28	0 39	23 11	0 32	17 29	4 10	22 46	22 36	10 12			n.a.
T 7	22 28	13 14	3 59	24 41	1 52	7 28	2 49	15 43	2 47	3 53	1 16	22 42	0 33	21 28	0 39	23 12	0 32	17 28	4 10	22 45	22 36	10 10			n.a.
W 8	22 36	9 12	4 35	24 55	1 55	7 52	2 49	15 39	2 49	3 56	1 16	22 43	0 33	21 29	0 39	23 12	0 32	17 28	4 9	22 45	22 37	10 8			n.a.
T 9	22 44	4 48	5 0	25 7	1 57	8 16	2 49	15 34	2 51	4 0	1 16	22 44	0 33	21 29	0 39	23 12	0 32	17 28	4 9	22 46	22 37	10 5			n.a.
F 10	22 51	0 12	5 12	25 18	2 0	8 40	2 49	15 30	2 52	4 3	1 17	22 44	0 33	21 30	0 39	23 12	0 32	17 28	4 9	22 46	22 37	10 3			n.a.
S 11	22 58	4n29	5 10	25 27	2 1	9 4	2 48	15 26	2 54	4 7	1 17	22 45	0 33	21 30	0 39	23 12	0 32	17 28	4 9	22 46	22 38	10 1			n.a.
S 12	23 4	9 6	4 53	25 35	2 3	9 28	2 48	15 22	2 56	4 10	1 17	22 46	0 33	21 30	0 39	23 12	0 32	17 28	4 9	22 47	22 38	9 59			n.a.
M13	23 10	13 26	4 22	25 41	2 4	9 52	2 48	15 19	2 58	4 14	1 17	22 46	0 33	21 31	0 39	23 12	0 32	17 28	4 9	22 48	22 39	9 57			n.a.
T 14	23 16	17 14	3 37	25 45	2 4	10 16	2 47	15 15	2 59	4 17	1 17	22 47	0 33	21 31	0 39	23 12	0 32	17 27	4 9	22 48	22 39	9 54			n.a.
W15	23 20	20 16	2 39	25 47	2 4	10 40	2 46	15 12	3 1	4 20	1 17	22 48	0 33	21 32	0 39	23 12	0 32	17 27	4 9	22 49	22 39	9 52			n.a.
T 16	23 25	22 13	1 31	25 48	2 4	11 3	2 45	15 9	3 3	4 23	1 18	22 48	0 33	21 32	0 39	23 12	0 32	17 27	4 9	22 49	22 40	9 50			n.a.
F 17	23 29	22 52	0 16	25 46	2 3	11 27	2 44	15 6	3 5	4 27	1 18	22 49	0 33	21 32	0 39	23 12	0 32	17 27	4 9	22 49	22 40	9 48			n.a.
S 18	23 32	22 5	1n 1	25 43	2 1	11 50	2 43	15 3	3 7	4 30	1 18	22 49	0 33	21 33	0 39	23 12	0 32	17 27	4 9	22 49	22 41	9 46			n.a.
S 19	23 36	19 54	2 15	25 38	1 59	12 13	2 42	15 0	3 9	4 33	1 18	22 50	0 32	21 33	0 39	23 12	0 32	17 27	4 9	22 49	22 41	9 43			n.a.
M20	23 38	16 30	3 21	25 31	1 57	12 36	2 41	14 58	3 10	4 36	1 18	22 51	0 32	21 34	0 39	23 12	0 32	17 27	4 9	22 49	22 41	9 41			n.a.
T 21	23 40	12 8	4 14	25 22	1 54	12 59	2 39	14 56	3 12	4 39	1 18	22 51	0 32	21 34	0 39	23 12	0 32	17 27	4 8	22 48	22 42	9 39			n.a.
W22	23 42	7 6	4 52	25 11	1 50	13 22	2 38	14 54	3 14	4 41	1 19	22 52	0 32	21 35	0 39	23 12	0 32	17 27	4 8	22 48	22 42	9 37			n.a.
T 23	23 43	1 44	5 13	24 58	1 45	13 44	2 36	14 52	3 16	4 44	1 19	22 52	0 32	21 35	0 39	23 12	0 32	17 26	4 8	22 48	22 43	9 34			n.a.
F 24	23 44	3 s41	5 14	24 44	1 40	14 6	2 35	14 51	3 18	4 47	1 19	22 53	0 32	21 35	0 39	23 12	0 32	17 26	4 8	22 48	22 43	9 32			n.a.
S 25	23 44	8 52	4 57	24 27	1 33	14 28	2 33	14 49	3 20	4 50	1 19	22 53	0 32	21 36	0 39	23 12	0 32	17 26	4 8	22 49	22 43	9 30			n.a.
S 26	23 44	13 34	4 23	24 8	1 26	14 50	2 31	14 48	3 22	4 52	1 19	22 54	0 32	21 36	0 39	23 12	0 32	17 26	4 8	22 49	22 44	9 28			n.a.
M27	23 43	17 30	3 34	23 48	1 19	15 11	2 29	14 47	3 24	4 55	1 20	22 54	0 32	21 37	0 39	23 12	0 32	17 26	4 8	22 49	22 44	9 25			n.a.
T 28	23 42	20 28	2 34	23 27	1 10	15 32	2 27	14 47	3 26	4 58	1 20	22 55	0 32	21 37	0 39	23 12	0 32	17 26	4 8	22 49	22 45	9 23			n.a.
W29	23 40	22 16	1 27	23 3	1 0	15 53	2 25	14 46	3 28	5 0	1 20	22 56	0 32	21 38	0 39	23 12	0 32	17 26	4 8	22 49	22 45	9 21			n.a.
T 30	23 38	22 52	0 17	22 39	0 50	16 13	2 23	14 46	3 30	5 2	1 20	22 56	0 32	21 38	0 39	23 12	0 32	17 26	4 8	22 50	22 45	9 19			n.a.
F 31	23 s35	22 s15	0 s53	22 s14	0 s38	16 s33	2n20	14n46	3n32	5 s 5	1n20	22 s57	0n32	21n39	0n39	23 s12	0n32	17n26	4 s 7	22n49	22n46	9 s16			n.a.

Julian Day Number = 1608895.5, Delta T = 03h54m31s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'30, Lahiri = - 8°12'30 Julian Calendar 1 Dec. 309 BCE == Greg. Calendar 26 Nov. 309 BCE

The year -308 astronomical counting style corresponds to year 309 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

JANUARY 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 24 19	7♉11'20	7♒23	25♉10	24♏27	0♍27	15♎58	21♐50	27°R 1	0♉32	5°R31	15♋27	15♋56	17♓17	n.a.	S 1
S 2	6 28 15	8°12'16	19°34	26°23	25°38	0°30	16° 4	21°57	26♋58	0°35	5♊30	15°28	15°52	17°23	n.a.	S 2
M 3	6 32 12	9°13'09	1♓35	27°30	26°48	0°33	16°10	22° 4	26°56	0°37	5°29	15°29	15°49	17°30	n.a.	M 3
T 4	6 36 8	10°14'02	13°29	28°31	27°59	0°35	16°16	22°11	26°53	0°39	5°28	15°30	15°46	17°37	n.a.	T 4
W 5	6 40 5	11°14'52	25°20	29°23	29°10	0°36	16°22	22°18	26°51	0°41	5°27	15°30	15°43	17°43	n.a.	W 5
T 6	6 44 1	12°15'41	7♈13	0♒ 8	0♐21	0°R37	16°27	22°25	26°48	0°44	5°26	15°R30	15°40	17°50	n.a.	T 6
F 7	6 47 58	13°16'29	19°12	0°43	1°32	0°37	16°33	22°32	26°46	0°46	5°25	15°30	15°37	17°57	n.a.	F 7
S 8	6 51 54	14°17'14	1♉23	1° 9	2°43	0°36	16°38	22°38	26°43	0°48	5°24	15°30	15°33	18° 4	n.a.	S 8
S 9	6 55 51	15°17'58	13°49	1°24	3°54	0°35	16°43	22°45	26°41	0°50	5°23	15°D30	15°30	18°10	n.a.	S 9
M10	6 59 48	16°18'40	26°34	1°R29	5° 5	0°32	16°48	22°52	26°38	0°53	5°22	15°30	15°27	18°17	n.a.	M10
T 11	7 3 44	17°19'21	9♊41	1°23	6°16	0°29	16°53	22°59	26°36	0°55	5°21	15°30	15°24	18°24	n.a.	T 11
W12	7 7 41	18°20'00	23°11	1° 6	7°27	0°25	16°57	23° 5	26°33	0°57	5°20	15°30	15°21	18°30	n.a.	W12
T 13	7 11 37	19°20'37	7♋ 4	0°39	8°38	0°21	17° 2	23°12	26°30	0°59	5°19	15°31	15°17	18°37	n.a.	T 13
F 14	7 15 34	20°21'13	21°17	0° 3	9°50	0°15	17° 6	23°18	26°28	1° 1	5°19	15°R31	15°14	18°44	n.a.	F 14
S 15	7 19 30	21°21'46	5♌46	29♉17	11° 1	0° 9	17°10	23°25	26°25	1° 4	5°18	15°30	15°11	18°51	n.a.	S 15
S 16	7 23 27	22°22'19	20°24	28°24	12°13	0° 2	17°14	23°31	26°23	1° 6	5°17	15°30	15° 8	18°57	n.a.	S 16
M17	7 27 23	23°22'49	5♍ 5	27°25	13°24	29♌54	17°18	23°38	26°20	1° 8	5°16	15°29	15° 5	19° 4	n.a.	M17
T 18	7 31 20	24°23'18	19°43	26°22	14°36	29°46	17°22	23°44	26°17	1°10	5°16	15°28	15° 2	19°11	n.a.	T 18
W19	7 35 17	25°23'46	4♎11	25°15	15°48	29°36	17°25	23°51	26°15	1°12	5°15	15°27	14°58	19°17	n.a.	W19
T 20	7 39 13	26°24'12	18°27	24° 8	16°59	29°26	17°28	23°57	26°12	1°14	5°14	15°27	14°55	19°24	n.a.	T 20
F 21	7 43 10	27°24'37	2♏27	23° 1	18°11	29°15	17°31	24° 3	26°10	1°16	5°13	15°D26	14°52	19°31	n.a.	F 21
S 22	7 47 6	28°25'00	16°11	21°57	19°23	29° 4	17°34	24°10	26° 7	1°18	5°13	15°27	14°49	19°38	n.a.	S 22
S 23	7 51 3	29°25'22	29°39	20°57	20°35	28°51	17°37	24°16	26° 4	1°21	5°12	15°28	14°46	19°44	n.a.	S 23
M24	7 54 59	0♒25'42	12♐51	20° 1	21°47	28°38	17°39	24°22	26° 2	1°23	5°11	15°29	14°43	19°51	n.a.	M24
T 25	7 58 56	1°26'01	25°49	19°11	22°59	28°24	17°42	24°28	25°59	1°25	5°11	15°30	14°39	19°58	n.a.	T 25
W26	8 2 52	2°26'18	8♑34	18°27	24°10	28° 9	17°44	24°34	25°56	1°27	5°10	15°31	14°36	20° 4	n.a.	W26
T 27	8 6 49	3°26'33	21° 7	17°50	25°23	27°54	17°46	24°41	25°54	1°29	5°10	15°R31	14°33	20°11	n.a.	T 27
F 28	8 10 46	4°26'46	3♒30	17°20	26°35	27°38	17°48	24°47	25°51	1°31	5° 9	15°30	14°30	20°18	n.a.	F 28
S 29	8 14 42	5°26'57	15°42	16°57	27°47	27°21	17°49	24°53	25°49	1°33	5° 8	15°28	14°27	20°25	n.a.	S 29
S 30	8 18 39	6°27'07	27°47	16°42	28°59	27° 4	17°51	24°58	25°46	1°35	5° 8	15°25	14°23	20°31	n.a.	S 30
M31	8 22 35	7♒27'14	9♓44	16♉33	0♉11	26♌46	17♎52	25♐ 4	25♋44	1♉37	5♊ 7	15♋22	14♋20	20♓38	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s32	20s34	1s59	21s47	0s26	16s53	2n18	14n46	3n34	5s 7	1n21	22s57	0n32	21n39	0n39	23s12	0n32	17n26	4s 7	22n49	22n46	9s14		n.a.
S 2	23 28	17 57	2 58	21 21	0 13	17 12	2 16	14 47	3 36	5 9	1 21	22 58	0 32	21 40	0 39	23 12	0 32	17 26	4 7	22 49	22 46	9 12		n.a.
M 3	23 24	14 36	3 49	20 54	0n 1	17 31	2 13	14 48	3 38	5 11	1 21	22 58	0 32	21 40	0 39	23 12	0 32	17 26	4 7	22 49	22 47	9 10		n.a.
T 4	23 20	10 42	4 29	20 27	0 16	17 50	2 11	14 49	3 40	5 14	1 21	22 58	0 31	21 41	0 39	23 12	0 32	17 25	4 7	22 49	22 47	9 7		n.a.
W 5	23 15	6 25	4 58	20 1	0 32	18 8	2 8	14 50	3 42	5 16	1 21	22 59	0 31	21 41	0 39	23 12	0 32	17 25	4 7	22 49	22 48	9 5		n.a.
T 6	23 10	1 54	5 14	19 35	0 48	18 26	2 5	14 52	3 44	5 18	1 22	22 59	0 31	21 42	0 39	23 12	0 32	17 25	4 7	22 49	22 48	9 3		n.a.
F 7	23 4	2n44	5 17	19 11	1 5	18 43	2 3	14 54	3 46	5 19	1 22	23 0	0 31	21 42	0 39	23 12	0 32	17 25	4 7	22 49	22 48	9 0		n.a.
S 8	22 57	7 20	5 5	18 49	1 22	19 0	2 0	14 56	3 47	5 21	1 22	23 0	0 31	21 43	0 39	23 12	0 32	17 25	4 7	22 49	22 49	8 58		n.a.
S 9	22 51	11 44	4 40	18 28	1 40	19 16	1 57	14 58	3 49	5 23	1 22	23 1	0 31	21 43	0 39	23 12	0 32	17 25	4 6	22 49	22 49	8 56		n.a.
M10	22 43	15 44	4 0	18 10	1 57	19 32	1 54	15 1	3 51	5 25	1 22	23 1	0 31	21 44	0 39	23 12	0 32	17 25	4 6	22 49	22 49	8 54		n.a.
T 11	22 36	19 6	3 6	17 55	2 14	19 48	1 51	15 4	3 53	5 26	1 23	23 2	0 31	21 44	0 40	23 12	0 32	17 25	4 6	22 49	22 50	8 51		n.a.
W12	22 28	21 33	2 1	17 43	2 31	20 3	1 48	15 7	3 55	5 28	1 23	23 2	0 31	21 45	0 40	23 12	0 32	17 25	4 6	22 49	22 50	8 49		n.a.
T 13	22 19	22 46	0 47	17 33	2 46	20 17	1 45	15 10	3 57	5 30	1 23	23 2	0 31	21 45	0 40	23 12	0 32	17 25	4 6	22 49	22 51	8 47		n.a.
F 14	22 10	22 33	0n32	17 27	3 1	20 31	1 42	15 14	3 59	5 31	1 23	23 3	0 31	21 46	0 40	23 12	0 32	17 25	4 6	22 49	22 51	8 44		n.a.
S 15	22 1	20 50	1 50	17 23	3 14	20 44	1 39	15 18	4 1	5 32	1 23	23 3	0 31	21 46	0 40	23 12	0 32	17 25	4 6	22 49	22 51	8 42		n.a.
S 16	21 51	17 44	3 2	17 23	3 25	20 57	1 36	15 22	4 2	5 34	1 24	23 3	0 31	21 47	0 40	23 12	0 32	17 25	4 6	22 49	22 52	8 40		n.a.
M17	21 41	13 30	4 2	17 25	3 35	21 9	1 32	15 27	4 4	5 35	1 24	23 4	0 31	21 47	0 40	23 12	0 32	17 25	4 5	22 49	22 52	8 37		n.a.
T 18	21 30	8 29	4 45	17 30	3 42	21 21	1 29	15 31	4 6	5 36	1 24	23 4	0 31	21 48	0 40	23 12	0 32	17 25	4 5	22 49	22 52	8 35		n.a.
W19	21 19	3 3	5 11	17 38	3 47	21 32	1 26	15 36	4 8	5 37	1 24	23 5	0 31	21 48	0 40	23 12	0 32	17 25	4 5	22 49	22 53	8 33		n.a.
T 20	21 8	2s27	5 16	17 47	3 50	21 43	1 23	15 41	4 9	5 38	1 25	23 5	0 31	21 49	0 40	23 12	0 32	17 25	4 5	22 50	22 53	8 30		n.a.
F 21	20 56	7 44	5 3	17 58	3 50	21 53	1 19	15 47	4 11	5 39	1 25	23 5	0 31	21 49	0 40	23 12	0 32	17 25	4 5	22 50	22 53	8 28		n.a.
S 22	20 44	12 32	4 32	18 10	3 48	22 2	1 16	15 52	4 13	5 40	1 25	23 6	0 31	21 50	0 40	23 12	0 32	17 25	4 5	22 49	22 54	8 26		n.a.
S 23	20 31	16 37	3 47	18 23	3 44	22 11	1 13	15 58	4 14	5 41	1 25	23 6	0 30	21 50	0 40	23 12	0 32	17 25	4 5	22 49	22 54	8 23		n.a.
M24	20 18	19 47	2 51	18 37	3 39	22 19	1 9	16 4	4 15	5 42	1 25	23 6	0 30	21 51	0 40	23 12	0 32	17 25	4 5	22 49	22 55	8 21		n.a.
T 25	20 5	21 53	1 47	18 51	3 32	22 27	1 6	16 11	4 17	5 43	1 26	23 7	0 30	21 51	0 40	23 12	0 32	17 25	4 4	22 49	22 55	8 19		n.a.
W26	19 51	22 49	0 38	19 6	3 23	22 34	1 3	16 17	4 18	5 43	1 26	23 7	0 30	21 52	0 40	23 12	0 32	17 25	4 4	22 49	22 55	8 16		n.a.
T 27	19 37	22 34	0s31	19 20	3 13	22 40	0 59	16 24	4 20	5 44	1 26	23 7	0 30	21 52	0 40	23 12	0 32	17 25	4 4	22 49	22 56	8 14		n.a.
F 28	19 23	21 11	1 38	19 35	3 2	22 45	0 56	16 31	4 21	5 44	1 26	23 7	0 30	21 53	0 40	23 12	0 32	17 25	4 4	22 49	22 56	8 12		n.a.
S 29	19 8	18 51	2 39	19 49	2 50	22 50	0 52	16 38	4 22	5 45	1 27	23 8	0 30	21 53	0 40	23 12	0 32	17 25	4 4	22 49	22 56	8 9		n.a.
S 30	18 53	15 42	3 32	20 3	2 38	22 55	0 49	16 45	4 23	5 45	1 27	23 8	0 30	21 54	0 40	23 11	0 32	17 25	4 4	22 50	22 57	8 7		n.a.
M31	18s38	11s57	4s16	20s17	2n26	22s58	0n46	16n52	4n24	5s45	1n27	23s 8	0n30	21n54	0n40	23s11	0n32	17n25	4s 4	22n50	22n57	8s 5		n.a.

Julian Day Number = 1608926.5, Delta T = 03h54m30s
Ecliptic obliquity = 23°43'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'26, Lahiri = - 8°12'25 Julian Calendar 1 Jan. 308 BCE == Greg. Calendar 27 Dec. 309 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

FEBRUARY 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 32	8♒27'19	21♓37	16°D31	1♑23	26°R27	17♎53	25♐10	25°R41	1♑38	5°R 7	15°R18	14♋17	20♓45	n.a.	T 1
W 2	8 30 28	9°27'22	3♈28	16♑35	2°35	26♌ 8	17°54	25°16	25♋38	1°40	5♊ 7	15♋14	14°14	20°51	n.a.	W 2
T 3	8 34 25	10°27'22	15°20	16°45	3°48	25°48	17°54	25°22	25°36	1°42	5° 6	15°11	14°11	20°58	n.a.	T 3
F 4	8 38 21	11°27'21	27°18	17° 1	5° 0	25°28	17°55	25°27	25°33	1°44	5° 6	15° 9	14° 8	21° 5	n.a.	F 4
S 5	8 42 18	12°27'17	9♉25	17°23	6°12	25° 7	17°55	25°33	25°31	1°46	5° 5	15°D 8	14° 4	21°11	n.a.	S 5
S 6	8 46 15	13°27'11	21°47	17°49	7°24	24°46	17°R55	25°38	25°29	1°48	5° 5	15° 8	14° 1	21°18	n.a.	S 6
M 7	8 50 11	14°27'02	4♊27	18°20	8°37	24°24	17°55	25°44	25°26	1°50	5° 5	15° 9	13°58	21°25	n.a.	M 7
T 8	8 54 8	15°26'51	17°30	18°56	9°49	24° 2	17°55	25°49	25°24	1°51	5° 4	15°11	13°55	21°32	n.a.	T 8
W 9	8 58 4	16°26'38	0♋59	19°36	11° 1	23°40	17°54	25°55	25°21	1°53	5° 4	15°12	13°52	21°38	n.a.	W 9
T 10	9 2 1	17°26'23	14°56	20°19	12°14	23°18	17°54	26° 0	25°19	1°55	5° 4	15°R13	13°49	21°45	n.a.	T 10
F 11	9 5 57	18°26'05	29°18	21° 6	13°26	22°55	17°53	26° 5	25°17	1°57	5° 3	15°12	13°45	21°52	n.a.	F 11
S 12	9 9 54	19°25'45	14♌ 3	21°57	14°39	22°32	17°52	26°10	25°14	1°58	5° 3	15°10	13°42	21°58	n.a.	S 12
S 13	9 13 50	20°25'23	29° 3	22°51	15°51	22° 9	17°50	26°15	25°12	2° 0	5° 3	15° 6	13°39	22° 5	n.a.	S 13
M14	9 17 47	21°24'59	14♍10	23°47	17° 4	21°45	17°49	26°20	25°10	2° 2	5° 3	15° 1	13°36	22°12	n.a.	M14
T 15	9 21 44	22°24'32	29°14	24°47	18°16	21°22	17°47	26°25	25° 7	2° 3	5° 3	14°55	13°33	22°19	n.a.	T 15
W16	9 25 40	23°24'04	14♎ 5	25°49	19°29	20°58	17°46	26°30	25° 5	2° 5	5° 3	14°50	13°29	22°25	n.a.	W16
T 17	9 29 37	24°23'34	28°37	26°54	20°41	20°35	17°44	26°35	25° 3	2° 6	5° 2	14°46	13°26	22°32	n.a.	T 17
F 18	9 33 33	25°23'02	12♏47	28° 1	21°54	20°12	17°41	26°40	25° 1	2° 8	5° 2	14°43	13°23	22°39	n.a.	F 18
S 19	9 37 30	26°22'28	26°31	29°10	23° 6	19°48	17°39	26°45	24°59	2° 9	5° 2	14°D43	13°20	22°45	n.a.	S 19
S 20	9 41 26	27°21'53	9♐53	0♒21	24°19	19°25	17°37	26°49	24°57	2°11	5° 2	14°43	13°17	22°52	n.a.	S 20
M21	9 45 23	28°21'16	22°53	1°35	25°32	19° 2	17°34	26°54	24°54	2°12	5°D 2	14°45	13°14	22°59	n.a.	M21
T 22	9 49 19	29°20'36	5♑36	2°50	26°44	18°40	17°31	26°58	24°52	2°14	5° 2	14°46	13°10	23° 6	n.a.	T 22
W23	9 53 16	0♓19'55	18° 4	4° 8	27°57	18°17	17°28	27° 3	24°50	2°15	5° 2	14°R46	13° 7	23°12	n.a.	W23
T 24	9 57 12	1°19'12	0♒21	5°27	29°10	17°55	17°25	27° 7	24°48	2°17	5° 2	14°45	13° 4	23°19	n.a.	T 24
F 25	10 1 9	2°18'27	12°29	6°48	0♒22	17°33	17°21	27°11	24°47	2°18	5° 2	14°41	13° 1	23°26	n.a.	F 25
S 26	10 5 6	3°17'39	24°30	8°10	1°35	17°12	17°18	27°15	24°45	2°19	5° 3	14°35	12°58	23°32	n.a.	S 26
S 27	10 9 2	4°16'50	6♓27	9°35	2°48	16°51	17°14	27°19	24°43	2°21	5° 3	14°27	12°55	23°39	n.a.	S 27
M28	10 12 59	5♓15'58	18♓21	11♒ 1	4♒ 0	16♌31	17♎10	27♐24	24♋41	2♑22	5♊ 3	14♋18	12♋51	23♓46	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s22	7s45	4s48	20s30	2n13	23s 1	0n42	16n59	4n25	5s45	1n27	23s 8	0n30	21n55	0n40	23s11	0n32	17n25	4s 3	22n51	22n57	8s 2		n.a.
W 2	18 6	3 18	5 7	20 42	2 0	23 4	0 39	17 7	4 26	5 46	1 27	23 9	0 30	21 55	0 40	23 11	0 32	17 25	4 3	22 51	22 58	8 0		n.a.
T 3	17 50	1n18	5 14	20 54	1 47	23 5	0 35	17 14	4 26	5 46	1 28	23 9	0 30	21 56	0 40	23 11	0 32	17 25	4 3	22 51	22 58	7 58		n.a.
F 4	17 33	5 52	5 7	21 5	1 34	23 6	0 32	17 22	4 27	5 46	1 28	23 9	0 30	21 56	0 40	23 11	0 32	17 26	4 3	22 52	22 58	7 55		n.a.
S 5	17 16	10 17	4 46	21 15	1 21	23 6	0 29	17 30	4 27	5 45	1 28	23 9	0 30	21 57	0 40	23 11	0 32	17 26	4 3	22 52	22 59	7 53		n.a.
S 6	16 59	14 23	4 12	21 24	1 8	23 6	0 25	17 37	4 28	5 45	1 28	23 10	0 30	21 57	0 40	23 11	0 32	17 26	4 3	22 52	22 59	7 50		n.a.
M 7	16 42	17 56	3 25	21 32	0 56	23 5	0 22	17 45	4 28	5 45	1 28	23 10	0 30	21 58	0 40	23 11	0 32	17 26	4 3	22 52	22 59	7 48		n.a.
T 8	16 24	20 43	2 26	21 40	0 43	23 3	0 19	17 53	4 28	5 45	1 29	23 10	0 30	21 58	0 40	23 11	0 32	17 26	4 2	22 51	23 0	7 46		n.a.
W 9	16 6	22 27	1 17	21 46	0 31	23 1	0 15	18 1	4 29	5 44	1 29	23 10	0 30	21 59	0 40	23 11	0 32	17 26	4 2	22 51	23 0	7 43		n.a.
T 10	15 48	22 52	0 2	21 51	0 20	22 58	0 12	18 8	4 29	5 44	1 29	23 11	0 30	21 59	0 40	23 11	0 32	17 26	4 2	22 51	23 0	7 41		n.a.
F 11	15 29	21 47	1n16	21 55	0 9	22 54	0 9	18 16	4 29	5 43	1 29	23 11	0 30	21 59	0 40	23 11	0 32	17 26	4 2	22 51	23 1	7 39		n.a.
S 12	15 10	19 13	2 31	21 57	0s 2	22 49	0 6	18 23	4 28	5 43	1 30	23 11	0 30	22 0	0 40	23 11	0 32	17 26	4 2	22 51	23 1	7 36		n.a.
S 13	14 51	15 19	3 36	21 59	0 13	22 44	0 2	18 31	4 28	5 42	1 30	23 11	0 30	22 0	0 40	23 11	0 32	17 26	4 2	22 52	23 1	7 34		n.a.
M14	14 32	10 24	4 27	21 59	0 23	22 38	0s 1	18 38	4 28	5 41	1 30	23 11	0 30	22 1	0 40	23 11	0 32	17 27	4 1	22 53	23 2	7 31		n.a.
T 15	14 13	4 52	4 59	21 58	0 33	22 32	0 4	18 46	4 27	5 41	1 30	23 11	0 30	22 1	0 40	23 11	0 32	17 27	4 1	22 53	23 2	7 29		n.a.
W16	13 53	0s52	5 10	21 56	0 42	22 25	0 7	18 53	4 27	5 40	1 30	23 12	0 29	22 1	0 40	23 11	0 32	17 27	4 1	22 54	23 2	7 27		n.a.
T 17	13 33	6 25	5 2	21 52	0 51	22 17	0 10	19 0	4 26	5 39	1 31	23 12	0 29	22 2	0 40	23 11	0 32	17 27	4 1	22 54	23 3	7 24		n.a.
F 18	13 13	11 30	4 34	21 47	1 0	22 9	0 13	19 7	4 25	5 38	1 31	23 12	0 29	22 2	0 40	23 11	0 32	17 27	4 1	22 54	23 3	7 22		n.a.
S 19	12 53	15 51	3 52	21 41	1 8	21 59	0 16	19 13	4 24	5 37	1 31	23 12	0 29	22 3	0 40	23 11	0 32	17 27	4 1	22 55	23 3	7 19		n.a.
S 20	12 32	19 16	2 58	21 33	1 16	21 50	0 19	19 20	4 23	5 36	1 31	23 12	0 29	22 3	0 39	23 11	0 32	17 27	4 1	22 54	23 4	7 17		n.a.
M21	12 11	21 37	1 56	21 24	1 23	21 39	0 22	19 26	4 22	5 34	1 31	23 12	0 29	22 3	0 39	23 11	0 32	17 27	4 0	22 54	23 4	7 15		n.a.
T 22	11 51	22 47	0 50	21 13	1 30	21 28	0 25	19 32	4 21	5 33	1 32	23 13	0 29	22 4	0 39	23 11	0 32	17 28	4 0	22 54	23 4	7 12		n.a.
W23	11 29	22 47	0s18	21 1	1 36	21 17	0 28	19 38	4 19	5 32	1 32	23 13	0 29	22 4	0 39	23 11	0 32	17 28	4 0	22 54	23 5	7 10		n.a.
T 24	11 8	21 41	1 23	20 48	1 42	21 4	0 31	19 44	4 18	5 30	1 32	23 13	0 29	22 4	0 39	23 11	0 32	17 28	4 0	22 54	23 5	7 7		n.a.
F 25	10 47	19 34	2 24	20 32	1 48	20 52	0 33	19 49	4 16	5 29	1 32	23 13	0 29	22 5	0 39	23 11	0 32	17 28	4 0	22 55	23 5	7 5		n.a.
S 26	10 25	16 36	3 17	20 16	1 53	20 38	0 36	19 54	4 15	5 27	1 32	23 13	0 29	22 5	0 39	23 11	0 32	17 28	4 0	22 55	23 6	7 2		n.a.
S 27	10 4	12 59	4 2	19 58	1 58	20 24	0 39	19 59	4 13	5 26	1 32	23 13	0 29	22 5	0 39	23 11	0 32	17 28	4 0	22 56	23 6	7 0		n.a.
M28	9s42	8s52	4s35	19s38	2s 2	20s 9	0s41	20n 4	4n11	5s24	1n33	23s13	0n29	22n 6	0n39	23s11	0n32	17n29	3s59	22n57	23n 6	6s58		n.a.

Julian Day Number = 1608957.5, Delta T = 03h54m29s
Ecliptic obliquity = 23°43'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'22, Lahiri = - 8°12'21 Julian Calendar 1 Feb. 308 BCE == Greg. Calendar 27 Jan. 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

MARCH 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 16 55	6♓15'04	0♈12	12♒28	5♒13	16°R11	17°R 6	27♐27	24°R39	2♑23	5♊ 3	14°R 8	12♋48	23♓53	n.a.	T 1
W 2	10 20 52	7°14'08	12° 4	13°57	6°26	15♌51	17♎ 2	27°31	24♋38	2°24	5° 3	13♋57	12°45	23°59	n.a.	W 2
T 3	10 24 48	8°13'10	23°58	15°28	7°39	15°33	16°57	27°35	24°36	2°26	5° 3	13°48	12°42	24° 6	n.a.	T 3
F 4	10 28 45	9°12'09	5♉56	17° 0	8°51	15°14	16°53	27°39	24°34	2°27	5° 4	13°41	12°39	24°13	n.a.	F 4
S 5	10 32 41	10°11'06	18° 3	18°34	10° 4	14°57	16°48	27°42	24°33	2°28	5° 4	13°36	12°35	24°19	n.a.	S 5
S 6	10 36 38	11°10'00	0♊22	20° 9	11°17	14°40	16°43	27°46	24°31	2°29	5° 4	13°34	12°32	24°26	n.a.	S 6
M 7	10 40 35	12° 8'53	12°57	21°46	12°30	14°24	16°38	27°49	24°29	2°30	5° 4	13°D33	12°29	24°33	n.a.	M 7
T 8	10 44 31	13° 7'43	25°54	23°24	13°43	14° 8	16°33	27°53	24°28	2°31	5° 5	13°34	12°26	24°40	n.a.	T 8
W 9	10 48 28	14° 6'30	9♋15	25° 4	14°55	13°53	16°28	27°56	24°27	2°32	5° 5	13°R34	12°23	24°46	n.a.	W 9
T 10	10 52 24	15° 5'15	23° 5	26°45	16° 8	13°39	16°22	27°59	24°25	2°33	5° 6	13°34	12°20	24°53	n.a.	T 10
F 11	10 56 21	16° 3'58	7♌23	28°28	17°21	13°26	16°17	28° 2	24°24	2°34	5° 6	13°32	12°16	25° 0	n.a.	F 11
S 12	11 0 17	17° 2'39	22° 8	0♓12	18°34	13°13	16°11	28° 5	24°23	2°35	5° 6	13°27	12°13	25° 7	n.a.	S 12
S 13	11 4 14	18° 1'17	7♍14	1°58	19°47	13° 2	16° 5	28° 8	24°21	2°36	5° 7	13°20	12°10	25°13	n.a.	S 13
M14	11 8 10	18°59'53	22°32	3°46	21° 0	12°51	15°59	28°11	24°20	2°37	5° 7	13°11	12° 7	25°20	n.a.	M14
T 15	11 12 7	19°58'27	7♎51	5°35	22°12	12°40	15°53	28°14	24°19	2°38	5° 8	13° 2	12° 4	25°27	n.a.	T 15
W16	11 16 3	20°56'59	23° 0	7°25	23°25	12°31	15°47	28°17	24°18	2°39	5° 8	12°52	12° 0	25°33	n.a.	W16
T 17	11 20 0	21°55'29	7♏49	9°17	24°38	12°22	15°41	28°19	24°17	2°39	5° 9	12°44	11°57	25°40	n.a.	T 17
F 18	11 23 57	22°53'58	22°11	11°11	25°51	12°14	15°34	28°22	24°16	2°40	5° 9	12°39	11°54	25°47	n.a.	F 18
S 19	11 27 53	23°52'24	6♐ 5	13° 6	27° 4	12° 7	15°28	28°24	24°15	2°41	5°10	12°35	11°51	25°54	n.a.	S 19
S 20	11 31 50	24°50'50	19°30	15° 3	28°17	12° 1	15°21	28°27	24°14	2°41	5°11	12°34	11°48	26° 0	n.a.	S 20
M21	11 35 46	25°49'13	2♑30	17° 1	29°30	11°55	15°14	28°29	24°13	2°42	5°11	12°D34	11°45	26° 7	n.a.	M21
T 22	11 39 43	26°47'35	15° 7	19° 1	0♓43	11°50	15° 7	28°31	24°12	2°43	5°12	12°R34	11°41	26°14	n.a.	T 22
W23	11 43 39	27°45'55	27°28	21° 3	1°56	11°46	15° 0	28°33	24°12	2°43	5°12	12°33	11°38	26°20	n.a.	W23
T 24	11 47 36	28°44'14	9♒36	23° 5	3° 9	11°43	14°53	28°35	24°11	2°44	5°13	12°30	11°35	26°27	n.a.	T 24
F 25	11 51 32	29°42'30	21°36	25° 9	4°21	11°41	14°46	28°37	24°10	2°44	5°14	12°25	11°32	26°34	n.a.	F 25
S 26	11 55 29	0♈40'45	3♓30	27°15	5°34	11°39	14°39	28°38	24°10	2°45	5°15	12°16	11°29	26°41	n.a.	S 26
S 27	11 59 26	1°38'58	15°22	29°21	6°47	11°38	14°32	28°40	24° 9	2°45	5°15	12° 5	11°26	26°47	n.a.	S 27
M28	12 3 22	2°37'10	27°13	1♈28	8° 0	11°D38	14°25	28°42	24° 9	2°46	5°16	11°52	11°22	26°54	n.a.	M28
T 29	12 7 19	3°35'19	9♈ 6	3°37	9°13	11°39	14°17	28°43	24° 8	2°46	5°17	11°38	11°19	27° 1	n.a.	T 29
W30	12 11 15	4°33'27	21° 0	5°45	10°26	11°40	14°10	28°45	24° 8	2°46	5°18	11°24	11°16	27° 7	n.a.	W30
T 31	12 15 12	5♈31'33	2♉59	7♈55	11♓39	11♌42	14♎ 2	28♐46	24♋ 7	2♑47	5♊19	11♋12	11♋13	27♓14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	9s20	4s26	4s57	19s17	2s 6	19s54	0s44	20n 8	4n 9	5s22	1n33	23s13	0n29	22n 6	0n39	23s11	0n32	17n29	3s59	22n58	23n 6	6s55					n.a.
W 2	8 58	0n 9	5 5	18 54	2 9	19 38	0 46	20 12	4 7	5 20	1 33	23 14	0 29	22 6	0 39	23 11	0 32	17 29	3 59	22 59	23 7	6 53					n.a.
T 3	8 35	4 45	5 1	18 30	2 12	19 22	0 49	20 16	4 5	5 19	1 33	23 14	0 29	22 7	0 39	23 11	0 32	17 29	3 59	23 0	23 7	6 50					n.a.
F 4	8 13	9 13	4 43	18 4	2 14	19 5	0 51	20 20	4 3	5 17	1 33	23 14	0 29	22 7	0 39	23 11	0 32	17 29	3 59	23 1	23 7	6 48					n.a.
S 5	7 50	13 23	4 12	17 36	2 16	18 48	0 53	20 23	4 1	5 15	1 33	23 14	0 29	22 7	0 39	23 11	0 32	17 30	3 59	23 2	23 8	6 45					n.a.
S 6	7 28	17 4	3 30	17 7	2 18	18 30	0 56	20 26	3 59	5 13	1 33	23 14	0 29	22 7	0 39	23 11	0 32	17 30	3 59	23 2	23 8	6 43					n.a.
M 7	7 5	20 3	2 36	16 36	2 19	18 11	0 58	20 28	3 56	5 11	1 34	23 14	0 29	22 8	0 39	23 11	0 32	17 30	3 58	23 2	23 8	6 40					n.a.
T 8	6 42	22 7	1 33	16 4	2 19	17 52	1 0	20 31	3 54	5 9	1 34	23 14	0 29	22 8	0 39	23 11	0 32	17 30	3 58	23 2	23 9	6 38					n.a.
W 9	6 20	23 1	0 23	15 30	2 19	17 33	1 2	20 33	3 52	5 6	1 34	23 14	0 29	22 8	0 39	23 11	0 32	17 30	3 58	23 2	23 9	6 36					n.a.
T 10	5 57	22 34	0n51	14 55	2 19	17 13	1 4	20 35	3 49	5 4	1 34	23 14	0 29	22 8	0 39	23 10	0 32	17 31	3 58	23 2	23 9	6 33					n.a.
F 11	5 34	20 38	2 3	14 18	2 17	16 52	1 6	20 36	3 47	5 2	1 34	23 14	0 29	22 9	0 39	23 10	0 32	17 31	3 58	23 2	23 9	6 31					n.a.
S 12	5 11	17 18	3 10	13 39	2 16	16 31	1 8	20 38	3 44	5 0	1 34	23 14	0 29	22 9	0 39	23 10	0 32	17 31	3 58	23 3	23 10	6 28					n.a.
S 13	4 47	12 45	4 5	12 59	2 14	16 10	1 10	20 39	3 42	4 57	1 34	23 15	0 29	22 9	0 39	23 10	0 32	17 31	3 57	23 3	23 10	6 26					n.a.
M14	4 24	7 20	4 43	12 17	2 11	15 48	1 12	20 40	3 39	4 55	1 34	23 15	0 29	22 9	0 39	23 10	0 32	17 31	3 57	23 4	23 10	6 23					n.a.
T 15	4 1	1 27	5 1	11 34	2 8	15 26	1 13	20 40	3 37	4 52	1 35	23 15	0 29	22 9	0 39	23 10	0 32	17 32	3 57	23 5	23 11	6 21					n.a.
W16	3 38	4s26	4 58	10 49	2 4	15 3	1 15	20 40	3 34	4 50	1 35	23 15	0 29	22 10	0 39	23 10	0 32	17 32	3 57	23 6	23 11	6 18					n.a.
T 17	3 14	9 58	4 34	10 2	2 0	14 40	1 17	20 40	3 31	4 47	1 35	23 15	0 29	22 10	0 39	23 10	0 32	17 32	3 57	23 7	23 11	6 16					n.a.
F 18	2 51	14 46	3 54	9 14	1 55	14 17	1 18	20 40	3 29	4 45	1 35	23 15	0 28	22 10	0 39	23 10	0 32	17 32	3 57	23 7	23 12	6 13					n.a.
S 19	2 28	18 37	3 1	8 24	1 50	13 53	1 20	20 40	3 26	4 42	1 35	23 15	0 28	22 10	0 39	23 10	0 32	17 33	3 57	23 8	23 12	6 11					n.a.
S 20	2 4	21 20	1 59	7 34	1 44	13 29	1 21	20 39	3 23	4 39	1 35	23 15	0 28	22 10	0 39	23 10	0 32	17 33	3 56	23 8	23 12	6 8					n.a.
M21	1 41	22 49	0 53	6 41	1 38	13 4	1 22	20 38	3 21	4 37	1 35	23 15	0 28	22 10	0 39	23 10	0 32	17 33	3 56	23 8	23 12	6 6					n.a.
T 22	1 17	23 5	0s14	5 47	1 31	12 39	1 24	20 37	3 18	4 34	1 35	23 15	0 28	22 10	0 39	23 10	0 32	17 33	3 56	23 8	23 13	6 3					n.a.
W23	0 54	22 12	1 18	4 52	1 24	12 14	1 25	20 35	3 15	4 31	1 35	23 15	0 28	22 10	0 39	23 10	0 32	17 34	3 56	23 8	23 13	6 1					n.a.
T 24	0 31	20 17	2 18	3 56	1 16	11 48	1 26	20 33	3 12	4 29	1 35	23 15	0 28	22 11	0 39	23 10	0 32	17 34	3 56	23 8	23 13	5 58					n.a.
F 25	0 7	17 29	3 11	2 59	1 8	11 23	1 27	20 32	3 10	4 26	1 35	23 15	0 28	22 11	0 39	23 10	0 32	17 34	3 56	23 9	23 13	5 56					n.a.
S 26	0n16	13 59	3 55	2 0	0 59	10 56	1 28	20 29	3 7	4 23	1 35	23 15	0 28	22 11	0 39	23 10	0 32	17 34	3 56	23 9	23 14	5 53					n.a.
S 27	0 40	9 57	4 28	1 1	0 50	10 30	1 29	20 27	3 4	4 20	1 35	23 15	0 28	22 11	0 39	23 10	0 32	17 35	3 55	23 10	23 14	5 51					n.a.
M28	1 3	5 33	4 50	0 1	0 40	10 3	1 30	20 25	3 2	4 17	1 35	23 15	0 28	22 11	0 39	23 10	0 32	17 35	3 55	23 12	23 14	5 48					n.a.
T 29	1 27	0 56	4 59	1n 0	0 30	9 36	1 30	20 22	2 59	4 14	1 35	23 15	0 28	22 11	0 39	23 10	0 32	17 35	3 55	23 13	23 15	5 46					n.a.
W30	1 50	3n44	4 56	2 1	0 20	9 9	1 31	20 19	2 56	4 11	1 35	23 16	0 28	22 11	0 39	23 10	0 32	17 35	3 55	23 14	23 15	5 43					n.a.
T 31	2n13	8n18	4s39	3n 2	0s 9	8s41	1s32	20n16	2n54	4s 9	1n35	23s16	0n28	22n11	0n39	23s10	0n32	17n36	3s55	23n15	23n15	5s41					n.a.

Julian Day Number = 1608985.5, Delta T = 03h54m28s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'18, Lahiri = - 8°12'17 Julian Calendar 1 March 308 BCE == Greg. Calendar 24 Feb. 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

APRIL 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 19 8	6♈29'37	15♉ 3	10♈ 4	12♓52	11♌45	13°R55	28♐47	24°R 7	2♑47	5♊19	11°R 1	11♋10	27♓21	n.a.	F 1
S 2	12 23 5	7°27'39	27°15	12°13	14° 5	11°49	13♎47	28°48	24♋ 7	2°47	5°20	10♋54	11° 6	27°28	n.a.	S 2
S 3	12 27 1	8°25'39	9♊37	14°22	15°18	11°53	13°40	28°49	24° 7	2°47	5°21	10°49	11° 3	27°34	n.a.	S 3
M 4	12 30 58	9°23'38	22°13	16°30	16°31	11°58	13°32	28°50	24° 7	2°48	5°22	10°47	11° 0	27°41	n.a.	M 4
T 5	12 34 54	10°21'34	5♋ 7	18°37	17°44	12° 4	13°25	28°51	24° 7	2°48	5°23	10°46	10°57	27°48	n.a.	T 5
W 6	12 38 51	11°19'28	18°23	20°43	18°57	12°11	13°17	28°51	24°D 7	2°48	5°24	10°46	10°54	27°54	n.a.	W 6
T 7	12 42 48	12°17'21	2♌ 3	22°47	20°10	12°18	13° 9	28°52	24° 7	2°48	5°25	10°45	10°51	28° 1	n.a.	T 7
F 8	12 46 44	13°15'11	16°11	24°50	21°23	12°25	13° 2	28°53	24° 7	2°48	5°26	10°43	10°47	28° 8	n.a.	F 8
S 9	12 50 41	14°13'00	0♍45	26°50	22°36	12°34	12°54	28°53	24° 7	2°R48	5°27	10°38	10°44	28°15	n.a.	S 9
S 10	12 54 37	15°10'47	15°41	28°48	23°49	12°43	12°47	28°53	24° 7	2°48	5°28	10°30	10°41	28°21	n.a.	S 10
M11	12 58 34	16° 8'32	0♎53	0♉44	25° 2	12°52	12°39	28°53	24° 7	2°48	5°29	10°20	10°38	28°28	n.a.	M11
T 12	13 2 30	17° 6'15	16°10	2°37	26°15	13° 3	12°31	28°54	24° 8	2°48	5°30	10°10	10°35	28°35	n.a.	T 12
W13	13 6 27	18° 3'57	1♏21	4°27	27°28	13°14	12°24	28°R54	24° 8	2°48	5°31	9°59	10°32	28°42	n.a.	W13
T 14	13 10 23	19° 1'37	16°16	6°14	28°41	13°25	12°16	28°54	24° 8	2°48	5°32	9°50	10°28	28°48	n.a.	T 14
F 15	13 14 20	19°59'17	0♐46	7°58	29°55	13°37	12° 9	28°53	24° 9	2°48	5°33	9°43	10°25	28°55	n.a.	F 15
S 16	13 18 17	20°56'55	14°48	9°39	1♈ 8	13°50	12° 1	28°53	24° 9	2°47	5°34	9°39	10°22	29° 2	n.a.	S 16
S 17	13 22 13	21°54'32	28°20	11°16	2°21	14° 3	11°54	28°53	24°10	2°47	5°35	9°37	10°19	29° 8	n.a.	S 17
M18	13 26 10	22°52'07	11♑24	12°51	3°34	14°16	11°46	28°52	24°11	2°47	5°36	9°D37	10°16	29°15	n.a.	M18
T 19	13 30 6	23°49'42	24° 5	14°21	4°47	14°30	11°39	28°52	24°11	2°47	5°38	9°R37	10°12	29°22	n.a.	T 19
W20	13 34 3	24°47'16	6♒26	15°49	6° 0	14°45	11°32	28°51	24°12	2°46	5°39	9°36	10° 9	29°29	n.a.	W20
T 21	13 37 59	25°44'49	18°32	17°13	7°13	15° 0	11°24	28°50	24°13	2°46	5°40	9°34	10° 6	29°35	n.a.	T 21
F 22	13 41 56	26°42'20	0♓30	18°34	8°26	15°16	11°17	28°49	24°14	2°45	5°41	9°30	10° 3	29°42	n.a.	F 22
S 23	13 45 52	27°39'51	12°22	19°51	9°39	15°32	11°10	28°49	24°14	2°45	5°42	9°23	10° 0	29°49	n.a.	S 23
S 24	13 49 49	28°37'20	24°12	21° 5	10°52	15°49	11° 3	28°48	24°15	2°45	5°44	9°13	9°57	29°55	n.a.	S 24
M25	13 53 46	29°34'49	6♈ 4	22°15	12° 6	16° 6	10°56	28°46	24°16	2°44	5°45	9° 1	9°53	0♈ 2	n.a.	M25
T 26	13 57 42	0♉32'16	17°59	23°21	13°19	16°24	10°49	28°45	24°17	2°44	5°46	8°49	9°50	0° 9	n.a.	T 26
W27	14 1 39	1°29'42	29°59	24°23	14°32	16°42	10°42	28°44	24°19	2°43	5°47	8°37	9°47	0°16	n.a.	W27
T 28	14 5 35	2°27'08	12♉ 7	25°22	15°45	17° 1	10°36	28°42	24°20	2°42	5°49	8°25	9°44	0°22	n.a.	T 28
F 29	14 9 32	3°24'32	24°21	26°17	16°58	17°20	10°29	28°41	24°21	2°42	5°50	8°16	9°41	0°29	n.a.	F 29
S 30	14 13 28	4♉21'55	6♊44	27♉ 8	18♈11	17♌39	10♎23	28♐39	24♋22	2♑41	5♊51	8♋10	9♋37	0♈36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n37	12n35	4s 9	4n 3	0n 1	8s13	1s32	20n12	2n51	4s 6	1n35	23s16	0n28	22n11	0n39	23s10	0n32	17n36	3s55	23n16	23n15	5s38		n.a.
S 2	3 0	16 24	3 28	5 4	0 12	7 45	1 33	20 9	2 48	4 3	1 35	23 16	0 28	22 11	0 39	23 10	0 32	17 36	3 55	23 17	23 16	5 36		n.a.
S 3	3 23	19 35	2 37	6 5	0 23	7 17	1 33	20 5	2 46	4 0	1 35	23 16	0 28	22 11	0 39	23 10	0 32	17 37	3 55	23 17	23 16	5 33		n.a.
M 4	3 46	21 54	1 36	7 5	0 33	6 49	1 33	20 1	2 43	3 57	1 35	23 16	0 28	22 11	0 39	23 10	0 32	17 37	3 54	23 17	23 16	5 31		n.a.
T 5	4 9	23 8	0 30	8 4	0 44	6 20	1 33	19 57	2 41	3 54	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 37	3 54	23 17	23 16	5 28		n.a.
W 6	4 32	23 7	0n40	9 2	0 54	5 51	1 34	19 53	2 38	3 51	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 37	3 54	23 17	23 17	5 26		n.a.
T 7	4 55	21 44	1 50	9 58	1 5	5 22	1 34	19 48	2 35	3 48	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 38	3 54	23 17	23 17	5 23		n.a.
F 8	5 18	18 58	2 55	10 53	1 15	4 53	1 34	19 44	2 33	3 45	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 38	3 54	23 18	23 17	5 21		n.a.
S 9	5 40	14 56	3 51	11 46	1 24	4 24	1 34	19 39	2 30	3 42	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 38	3 54	23 18	23 18	5 18		n.a.
S 10	6 3	9 54	4 33	12 38	1 33	3 55	1 34	19 34	2 28	3 39	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 39	3 54	23 19	23 18	5 16		n.a.
M11	6 25	4 10	4 56	13 27	1 41	3 25	1 33	19 29	2 25	3 36	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 39	3 54	23 19	23 18	5 13		n.a.
T 12	6 48	1s51	4 59	14 14	1 49	2 56	1 33	19 23	2 23	3 33	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 39	3 53	23 20	23 18	5 11		n.a.
W13	7 10	7 43	4 40	14 59	1 57	2 26	1 33	19 18	2 21	3 30	1 35	23 16	0 28	22 11	0 38	23 10	0 32	17 40	3 53	23 21	23 19	5 8		n.a.
T 14	7 32	13 2	4 2	15 42	2 3	1 56	1 33	19 12	2 18	3 27	1 35	23 16	0 28	22 10	0 38	23 10	0 32	17 40	3 53	23 22	23 19	5 6		n.a.
F 15	7 54	17 28	3 10	16 22	2 9	1 27	1 32	19 6	2 16	3 25	1 34	23 16	0 27	22 10	0 38	23 10	0 32	17 40	3 53	23 22	23 19	5 3		n.a.
S 16	8 16	20 45	2 7	17 0	2 14	0 57	1 32	19 0	2 13	3 22	1 34	23 16	0 27	22 10	0 38	23 10	0 32	17 40	3 53	23 23	23 19	5 1		n.a.
S 17	8 38	22 44	0 59	17 35	2 19	0 27	1 31	18 54	2 11	3 19	1 34	23 16	0 27	22 10	0 38	23 10	0 32	17 41	3 53	23 23	23 20	4 58		n.a.
M18	9 0	23 24	0s10	18 8	2 22	0n 3	1 30	18 48	2 9	3 16	1 34	23 16	0 27	22 10	0 38	23 10	0 32	17 41	3 53	23 23	23 20	4 55		n.a.
T 19	9 21	22 48	1 16	18 39	2 25	0 33	1 30	18 42	2 6	3 13	1 34	23 16	0 27	22 10	0 38	23 10	0 32	17 41	3 53	23 23	23 20	4 53		n.a.
W20	9 43	21 6	2 17	19 7	2 27	1 3	1 29	18 35	2 4	3 11	1 34	23 16	0 27	22 10	0 38	23 10	0 32	17 42	3 52	23 23	23 20	4 50		n.a.
T 21	10 4	18 28	3 11	19 33	2 29	1 33	1 28	18 28	2 2	3 8	1 34	23 16	0 27	22 9	0 38	23 10	0 32	17 42	3 52	23 23	23 21	4 48		n.a.
F 22	10 25	15 5	3 55	19 57	2 29	2 3	1 27	18 21	2 0	3 5	1 34	23 16	0 27	22 9	0 38	23 10	0 32	17 42	3 52	23 23	23 21	4 45		n.a.
S 23	10 46	11 8	4 29	20 18	2 29	2 33	1 26	18 14	1 57	3 2	1 33	23 16	0 27	22 9	0 38	23 10	0 32	17 43	3 52	23 24	23 21	4 43		n.a.
S 24	11 7	6 47	4 51	20 37	2 27	3 3	1 25	18 7	1 55	3 0	1 33	23 16	0 27	22 9	0 38	23 10	0 32	17 43	3 52	23 24	23 21	4 40		n.a.
M25	11 28	2 10	5 1	20 53	2 25	3 33	1 24	18 0	1 53	2 57	1 33	23 17	0 27	22 9	0 38	23 10	0 32	17 43	3 52	23 25	23 22	4 38		n.a.
T 26	11 48	2n34	4 58	21 8	2 22	4 3	1 23	17 53	1 51	2 55	1 33	23 17	0 27	22 8	0 38	23 10	0 32	17 44	3 52	23 26	23 22	4 35		n.a.
W27	12 8	7 14	4 41	21 20	2 19	4 32	1 22	17 45	1 49	2 52	1 33	23 17	0 27	22 8	0 38	23 10	0 32	17 44	3 52	23 27	23 22	4 32		n.a.
T 28	12 28	11 40	4 12	21 30	2 14	5 2	1 21	17 37	1 47	2 50	1 33	23 17	0 27	22 8	0 38	23 10	0 32	17 44	3 52	23 28	23 22	4 30		n.a.
F 29	12 48	15 41	3 30	21 38	2 8	5 32	1 19	17 29	1 45	2 47	1 32	23 17	0 27	22 8	0 38	23 10	0 32	17 45	3 51	23 28	23 22	4 27		n.a.
S 30	13n 8	19n 6	2s39	21n44	2n 2	6n 1	1s18	17n21	1n43	2s45	1n32	23s17	0n27	22n 8	0n38	23s10	0n32	17n45	3s51	23n29	23n23	4s25		n.a.

Julian Day Number = 1609016.5, Delta T = 03h54m26s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'14, Lahiri = - 8°12'13 Julian Calendar 1 Apr. 308 BCE == Greg. Calendar 27 March 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

MAY 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 17 25	5♉19'17	19♊17	27♉55	19♈25	17♌59	10°R16	28°R38	24♋23	2°R41	5♊52	8°R 6	9♋34	0♈43	n.a.	S 1
M 2	14 21 21	6°16'38	2♋ 3	28°37	20°38	18°20	10♎10	28♐36	24°25	2♑40	5°54	8°D 4	9°31	0°49	n.a.	M 2
T 3	14 25 18	7°13'58	15° 3	29°16	21°51	18°40	10° 4	28°34	24°26	2°39	5°55	8♋ 4	9°28	0°56	n.a.	T 3
W 4	14 29 15	8°11'16	28°21	29°50	23° 4	19° 2	9°58	28°32	24°28	2°38	5°56	8° 5	9°25	1° 3	n.a.	W 4
T 5	14 33 11	9° 8'33	11♌58	0♊20	24°17	19°23	9°52	28°30	24°29	2°38	5°58	8°R 5	9°22	1° 9	n.a.	T 5
F 6	14 37 8	10° 5'50	25°57	0°45	25°31	19°45	9°46	28°28	24°31	2°37	5°59	8° 4	9°18	1°16	n.a.	F 6
S 7	14 41 4	11° 3'05	10♍17	1° 6	26°44	20° 7	9°41	28°26	24°32	2°36	6° 1	8° 1	9°15	1°23	n.a.	S 7
S 8	14 45 1	12° 0'18	24°56	1°23	27°57	20°30	9°35	28°23	24°34	2°35	6° 2	7°55	9°12	1°30	n.a.	S 8
M 9	14 48 57	12°57'31	9♎50	1°34	29°10	20°53	9°30	28°21	24°36	2°34	6° 3	7°48	9° 9	1°36	n.a.	M 9
T 10	14 52 54	13°54'43	24°49	1°42	0♉24	21°16	9°24	28°19	24°37	2°33	6° 5	7°41	9° 6	1°43	n.a.	T 10
W11	14 56 50	14°51'54	9♏46	1°R44	1°37	21°40	9°19	28°16	24°39	2°32	6° 6	7°33	9° 3	1°50	n.a.	W11
T 12	15 0 47	15°49'05	24°32	1°42	2°50	22° 4	9°14	28°14	24°41	2°31	6° 7	7°26	8°59	1°56	n.a.	T 12
F 13	15 4 44	16°46'15	8♐57	1°36	4° 3	22°28	9°10	28°11	24°43	2°30	6° 9	7°21	8°56	2° 3	n.a.	F 13
S 14	15 8 40	17°43'25	22°59	1°26	5°17	22°53	9° 5	28° 8	24°45	2°29	6°10	7°18	8°53	2°10	n.a.	S 14
S 15	15 12 37	18°40'34	6♑33	1°11	6°30	23°18	9° 1	28° 5	24°47	2°28	6°12	7°D17	8°50	2°17	n.a.	S 15
M16	15 16 33	19°37'43	19°41	0°52	7°43	23°44	8°56	28° 2	24°49	2°27	6°13	7°18	8°47	2°23	n.a.	M16
T 17	15 20 30	20°34'52	2♒26	0°30	8°57	24° 9	8°52	27°59	24°51	2°26	6°15	7°19	8°43	2°30	n.a.	T 17
W18	15 24 26	21°32'00	14°50	0° 5	10°10	24°35	8°48	27°56	24°53	2°25	6°16	7°20	8°40	2°37	n.a.	W18
T 19	15 28 23	22°29'08	26°59	29♉37	11°23	25° 1	8°44	27°53	24°55	2°24	6°18	7°R20	8°37	2°44	n.a.	T 19
F 20	15 32 19	23°26'16	8♓58	29° 6	12°37	25°28	8°40	27°50	24°57	2°23	6°19	7°19	8°34	2°50	n.a.	F 20
S 21	15 36 16	24°23'24	20°51	28°34	13°50	25°55	8°37	27°47	24°59	2°22	6°20	7°16	8°31	2°57	n.a.	S 21
S 22	15 40 13	25°20'32	2♈43	28° 0	15° 4	26°22	8°33	27°43	25° 2	2°20	6°22	7°11	8°28	3° 4	n.a.	S 22
M23	15 44 9	26°17'40	14°37	27°25	16°17	26°49	8°30	27°40	25° 4	2°19	6°23	7° 4	8°24	3°10	n.a.	M23
T 24	15 48 6	27°14'48	26°37	26°50	17°30	27°17	8°27	27°37	25° 6	2°18	6°25	6°57	8°21	3°17	n.a.	T 24
W25	15 52 2	28°11'55	8♉44	26°16	18°44	27°45	8°24	27°33	25° 9	2°17	6°26	6°50	8°18	3°24	n.a.	W25
T 26	15 55 59	29° 9'03	21° 1	25°42	19°57	28°13	8°22	27°30	25°11	2°16	6°28	6°44	8°15	3°31	n.a.	T 26
F 27	15 59 55	0♊ 6'10	3♊29	25°10	21°11	28°42	8°19	27°26	25°14	2°14	6°29	6°39	8°12	3°37	n.a.	F 27
S 28	16 3 52	1° 3'18	16° 9	24°40	22°24	29°10	8°17	27°22	25°16	2°13	6°31	6°35	8° 9	3°44	n.a.	S 28
S 29	16 7 49	2° 0'25	29° 0	24°13	23°38	29°39	8°15	27°18	25°19	2°12	6°32	6°34	8° 5	3°51	n.a.	S 29
M30	16 11 45	2°57'32	12♋ 3	23°49	24°51	0♍ 9	8°13	27°15	25°21	2°10	6°34	6°D34	8° 2	3°58	n.a.	M30
T 31	16 15 42	3♊54'39	25♋20	23♉28	26♉ 5	0♍38	8♎11	27♐11	25♋24	2♑ 9	6♊35	6♋35	7♋59	4♈ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	13n27	21n40	1s38	21n48	1n54	6n30	1s17	17n13	1n41	2s42	1n32	23s17	0n27	22n 7	0n38	23s10	0n32	17n45	3s51	23n29	23n23	4s22			n.a.
M 2	13 47	23 11	0 32	21 49	1 46	7 0	1 15	17 5	1 39	2 40	1 32	23 17	0 27	22 7	0 38	23 10	0 32	17 46	3 51	23 29	23 23	4 20			n.a.
T 3	14 6	23 29	0n37	21 49	1 37	7 29	1 14	16 56	1 37	2 38	1 32	23 17	0 27	22 7	0 38	23 10	0 32	17 46	3 51	23 29	23 23	4 17			n.a.
W 4	14 24	22 29	1 46	21 47	1 27	7 58	1 12	16 48	1 35	2 36	1 31	23 17	0 27	22 6	0 38	23 10	0 32	17 46	3 51	23 29	23 24	4 14			n.a.
T 5	14 43	20 9	2 51	21 43	1 17	8 26	1 11	16 39	1 33	2 34	1 31	23 17	0 27	22 6	0 38	23 10	0 32	17 47	3 51	23 29	23 24	4 12			n.a.
F 6	15 1	16 35	3 47	21 37	1 5	8 55	1 9	16 30	1 31	2 31	1 31	23 17	0 27	22 6	0 38	23 10	0 32	17 47	3 51	23 29	23 24	4 9			n.a.
S 7	15 20	11 58	4 31	21 29	0 53	9 23	1 7	16 21	1 29	2 29	1 31	23 17	0 26	22 6	0 38	23 10	0 32	17 47	3 51	23 29	23 24	4 7			n.a.
S 8	15 37	6 35	4 58	21 20	0 39	9 51	1 5	16 12	1 27	2 27	1 31	23 17	0 26	22 5	0 38	23 10	0 32	17 48	3 51	23 30	23 25	4 4			n.a.
M 9	15 55	0 44	5 5	21 9	0 26	10 19	1 4	16 3	1 25	2 26	1 30	23 17	0 26	22 5	0 38	23 10	0 32	17 48	3 50	23 30	23 25	4 1			n.a.
T 10	16 12	5s12	4 52	20 56	0 11	10 47	1 2	15 54	1 23	2 24	1 30	23 17	0 26	22 5	0 38	23 10	0 32	17 48	3 50	23 30	23 25	3 59			n.a.
W11	16 30	10 50	4 19	20 42	0s 4	11 15	1 0	15 44	1 21	2 22	1 30	23 17	0 26	22 4	0 37	23 10	0 32	17 49	3 50	23 31	23 25	3 56			n.a.
T 12	16 47	15 45	3 29	20 26	0 20	11 42	0 58	15 35	1 20	2 20	1 30	23 17	0 26	22 4	0 37	23 10	0 32	17 49	3 50	23 31	23 25	3 54			n.a.
F 13	17 3	19 39	2 26	20 9	0 36	12 9	0 56	15 25	1 18	2 18	1 29	23 17	0 26	22 3	0 37	23 10	0 32	17 49	3 50	23 32	23 26	3 51			n.a.
S 14	17 19	22 16	1 16	19 51	0 52	12 35	0 54	15 15	1 16	2 17	1 29	23 17	0 26	22 3	0 37	23 10	0 32	17 50	3 50	23 32	23 26	3 48			n.a.
S 15	17 36	23 30	0 4	19 32	1 9	13 2	0 52	15 5	1 14	2 15	1 29	23 17	0 26	22 3	0 37	23 10	0 32	17 50	3 50	23 32	23 26	3 46			n.a.
M16	17 51	23 22	1s 6	19 11	1 25	13 28	0 50	14 55	1 12	2 14	1 29	23 17	0 26	22 2	0 37	23 10	0 32	17 50	3 50	23 32	23 26	3 43			n.a.
T 17	18 7	21 59	2 11	18 50	1 42	13 54	0 48	14 45	1 11	2 12	1 28	23 17	0 26	22 2	0 37	23 10	0 32	17 50	3 50	23 32	23 26	3 41			n.a.
W18	18 22	19 35	3 9	18 29	1 59	14 19	0 46	14 34	1 9	2 11	1 28	23 17	0 26	22 2	0 37	23 10	0 32	17 51	3 50	23 32	23 27	3 38			n.a.
T 19	18 37	16 21	3 56	18 7	2 15	14 44	0 44	14 24	1 7	2 10	1 28	23 17	0 26	22 1	0 37	23 10	0 32	17 51	3 50	23 32	23 27	3 35			n.a.
F 20	18 52	12 30	4 32	17 45	2 31	15 9	0 42	14 13	1 6	2 9	1 28	23 17	0 26	22 1	0 37	23 10	0 32	17 51	3 50	23 32	23 27	3 33			n.a.
S 21	19 6	8 12	4 56	17 23	2 46	15 34	0 39	14 2	1 4	2 7	1 27	23 17	0 26	22 0	0 37	23 10	0 32	17 52	3 50	23 32	23 27	3 30			n.a.
S 22	19 20	3 36	5 8	17 1	3 1	15 58	0 37	13 51	1 2	2 6	1 27	23 17	0 26	22 0	0 37	23 10	0 32	17 52	3 49	23 32	23 28	3 28			n.a.
M23	19 34	1n 8	5 6	16 40	3 14	16 21	0 35	13 40	1 1	2 5	1 27	23 17	0 26	21 59	0 37	23 10	0 32	17 52	3 49	23 32	23 28	3 25			n.a.
T 24	19 47	5 52	4 51	16 20	3 27	16 44	0 33	13 29	0 59	2 4	1 26	23 17	0 26	21 59	0 37	23 10	0 32	17 53	3 49	23 33	23 28	3 22			n.a.
W25	20 0	10 26	4 23	16 1	3 38	17 7	0 30	13 18	0 57	2 3	1 26	23 17	0 25	21 58	0 37	23 10	0 32	17 53	3 49	23 33	23 28	3 20			n.a.
T 26	20 13	14 40	3 42	15 43	3 48	17 30	0 28	13 7	0 56	2 3	1 26	23 17	0 25	21 58	0 37	23 11	0 32	17 53	3 49	23 34	23 28	3 17			n.a.
F 27	20 25	18 20	2 50	15 27	3 57	17 52	0 26	12 55	0 54	2 2	1 26	23 17	0 25	21 57	0 37	23 11	0 32	17 54	3 49	23 34	23 29	3 14			n.a.
S 28	20 37	21 12	1 49	15 13	4 5	18 13	0 23	12 43	0 53	2 1	1 25	23 17	0 25	21 57	0 37	23 11	0 32	17 54	3 49	23 34	23 29	3 12			n.a.
S 29	20 49	23 3	0 41	15 0	4 11	18 34	0 21	12 32	0 51	2 1	1 25	23 17	0 25	21 57	0 37	23 11	0 32	17 54	3 49	23 34	23 29	3 9			n.a.
M30	21 0	23 41	0n30	14 50	4 16	18 55	0 19	12 20	0 50	2 0	1 25	23 17	0 25	21 56	0 37	23 11	0 32	17 55	3 49	23 34	23 29	3 6			n.a.
T 31	21n11	22n59	1n41	14n42	4s19	19n15	0s16	12n 8	0n48	2s 0	1n24	23s17	0n25	21n56	0n37	23s11	0n32	17n55	3s49	23n34	23n29	3s 4			n.a.

Julian Day Number = 1609046.5, Delta T = 03h54m25s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'09, Lahiri = - 8°12'09 Julian Calendar 1 May 308 BCE == Greg. Calendar 26 Apr. 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

JUNE 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 19 38	4♊51'45	8♌50	23°R12	27♉18	1♍ 8	8°R 9	27°R 7	25♋27	2°R 7	6♊37	6♋36	7♋56	4♈11	n.a.	W 1
T 2	16 23 35	5°48'52	22°34	22♉59	28°32	1°38	8♎ 8	27♐ 3	25°29	2♑ 6	6°38	6°37	7°53	4°18	n.a.	T 2
F 3	16 27 31	6°45'58	6♍32	22°51	29°46	2° 8	8° 7	26°59	25°32	2° 5	6°40	6°R38	7°49	4°24	n.a.	F 3
S 4	16 31 28	7°43'04	20°44	22°D48	0♊59	2°39	8° 6	26°55	25°35	2° 3	6°41	6°37	7°46	4°31	n.a.	S 4
S 5	16 35 24	8°40'09	5♎ 7	22°49	2°13	3° 9	8° 5	26°51	25°38	2° 2	6°43	6°36	7°43	4°38	n.a.	S 5
M 6	16 39 21	9°37'15	19°39	22°56	3°26	3°40	8° 4	26°47	25°40	2° 0	6°44	6°33	7°40	4°45	n.a.	M 6
T 7	16 43 18	10°34'20	4♏13	23° 8	4°40	4°11	8° 3	26°43	25°43	1°59	6°46	6°29	7°37	4°51	n.a.	T 7
W 8	16 47 14	11°31'26	18°45	23°24	5°54	4°42	8° 3	26°39	25°46	1°57	6°47	6°26	7°34	4°58	n.a.	W 8
T 9	16 51 11	12°28'32	3♐ 8	23°46	7° 7	5°14	8°D 3	26°34	25°49	1°56	6°49	6°23	7°30	5° 5	n.a.	T 9
F 10	16 55 7	13°25'38	17°17	24°14	8°21	5°46	8° 3	26°30	25°52	1°54	6°50	6°21	7°27	5°11	n.a.	F 10
S 11	16 59 4	14°22'45	1♑ 6	24°46	9°35	6°18	8° 3	26°26	25°55	1°53	6°52	6°D20	7°24	5°18	n.a.	S 11
S 12	17 3 0	15°19'52	14°34	25°24	10°48	6°50	8° 4	26°22	25°58	1°51	6°53	6°20	7°21	5°25	n.a.	S 12
M13	17 6 57	16°17'00	27°40	26° 6	12° 2	7°22	8° 4	26°17	26° 1	1°50	6°55	6°21	7°18	5°32	n.a.	M13
T 14	17 10 53	17°14'08	10♒25	26°54	13°16	7°54	8° 5	26°13	26° 4	1°48	6°56	6°22	7°15	5°38	n.a.	T 14
W15	17 14 50	18°11'17	22°51	27°47	14°30	8°27	8° 6	26° 9	26° 7	1°47	6°58	6°24	7°11	5°45	n.a.	W15
T 16	17 18 47	19° 8'26	5♓ 2	28°45	15°43	9° 0	8° 7	26° 4	26°11	1°45	6°59	6°25	7° 8	5°52	n.a.	T 16
F 17	17 22 43	20° 5'37	17° 3	29°48	16°57	9°33	8° 8	26° 0	26°14	1°43	7° 1	6°R25	7° 5	5°59	n.a.	F 17
S 18	17 26 40	21° 2'48	28°58	0♊55	18°11	10° 6	8°10	25°55	26°17	1°42	7° 2	6°25	7° 2	6° 5	n.a.	S 18
S 19	17 30 36	22° 0'00	10♈51	2° 8	19°25	10°40	8°11	25°51	26°20	1°40	7° 4	6°24	6°59	6°12	n.a.	S 19
M20	17 34 33	22°57'13	22°47	3°25	20°39	11°13	8°13	25°47	26°23	1°39	7° 5	6°23	6°55	6°19	n.a.	M20
T 21	17 38 29	23°54'27	4♉50	4°46	21°52	11°47	8°15	25°42	26°27	1°37	7° 6	6°21	6°52	6°25	n.a.	T 21
W22	17 42 26	24°51'42	17° 4	6°12	23° 6	12°21	8°17	25°38	26°30	1°35	7° 8	6°20	6°49	6°32	n.a.	W22
T 23	17 46 22	25°48'58	29°30	7°42	24°20	12°55	8°19	25°33	26°33	1°34	7° 9	6°18	6°46	6°39	n.a.	T 23
F 24	17 50 19	26°46'14	12♊11	9°17	25°34	13°30	8°22	25°29	26°37	1°32	7°11	6°17	6°43	6°46	n.a.	F 24
S 25	17 54 16	27°43'32	25° 8	10°55	26°48	14° 4	8°25	25°24	26°40	1°31	7°12	6°17	6°40	6°52	n.a.	S 25
S 26	17 58 12	28°40'51	8♋21	12°38	28° 2	14°39	8°28	25°20	26°44	1°29	7°14	6°D16	6°36	6°59	n.a.	S 26
M27	18 2 9	29°38'10	21°48	14°23	29°16	15°14	8°31	25°16	26°47	1°27	7°15	6°17	6°33	7° 6	n.a.	M27
T 28	18 6 5	0♋35'30	5♌29	16°13	0♋30	15°49	8°34	25°11	26°50	1°26	7°16	6°17	6°30	7°13	n.a.	T 28
W29	18 10 2	1°32'51	19°21	18° 5	1°44	16°24	8°37	25° 7	26°54	1°24	7°18	6°18	6°27	7°19	n.a.	W29
T 30	18 13 58	2♋30'13	3♍23	19♊59	2♋58	16♍59	8♎41	25♐ 2	26♋57	1♑22	7♊19	6♋18	6♋24	7♈26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n22	20n57	2n47	14n36	4s21	19n34	0s14	11n56	0n47	1s59	1n24	23s17	0n25	21n55	0n37	23s11	0n32	17n55	3s49	23n34	23n29	3s 1		n.a.
T 2	21 32	17 42	3 45	14 32	4 21	19 53	0 12	11 44	0 45	1 59	1 24	23 17	0 25	21 54	0 37	23 11	0 32	17 56	3 49	23 34	23 30	2 59		n.a.
F 3	21 42	13 24	4 31	14 31	4 20	20 12	0 9	11 31	0 44	1 59	1 23	23 17	0 25	21 54	0 37	23 11	0 32	17 56	3 49	23 34	23 30	2 56		n.a.
S 4	21 52	8 19	5 1	14 33	4 18	20 30	0 7	11 19	0 42	1 59	1 23	23 17	0 25	21 53	0 37	23 11	0 32	17 56	3 49	23 34	23 30	2 53		n.a.
S 5	22 1	2 43	5 13	14 36	4 14	20 47	0 4	11 6	0 41	1 59	1 23	23 17	0 25	21 53	0 37	23 11	0 32	17 56	3 49	23 34	23 30	2 51		n.a.
M 6	22 10	3s 5	5 5	14 43	4 9	21 4	0 2	10 54	0 39	1 59	1 23	23 17	0 25	21 52	0 37	23 11	0 32	17 57	3 49	23 34	23 30	2 48		n.a.
T 7	22 18	8 44	4 37	14 51	4 4	21 20	0n 0	10 41	0 38	1 59	1 22	23 17	0 25	21 52	0 37	23 11	0 32	17 57	3 48	23 34	23 31	2 45		n.a.
W 8	22 26	13 54	3 52	15 2	3 57	21 36	0 3	10 28	0 37	1 59	1 22	23 17	0 24	21 51	0 37	23 11	0 32	17 57	3 48	23 34	23 31	2 43		n.a.
T 9	22 34	18 13	2 52	15 15	3 49	21 51	0 5	10 15	0 35	1 59	1 22	23 17	0 24	21 51	0 37	23 11	0 32	17 58	3 48	23 35	23 31	2 40		n.a.
F 10	22 41	21 24	1 43	15 30	3 41	22 5	0 7	10 2	0 34	1 59	1 21	23 17	0 24	21 50	0 37	23 11	0 32	17 58	3 48	23 35	23 31	2 37		n.a.
S 11	22 48	23 15	0 29	15 47	3 31	22 19	0 10	9 49	0 32	2 0	1 21	23 17	0 24	21 49	0 37	23 11	0 32	17 58	3 48	23 35	23 31	2 35		n.a.
S 12	22 55	23 40	0s45	16 5	3 21	22 32	0 12	9 36	0 31	2 0	1 21	23 17	0 24	21 49	0 37	23 11	0 32	17 58	3 48	23 35	23 32	2 32		n.a.
M13	23 1	22 45	1 55	16 26	3 10	22 45	0 14	9 22	0 30	2 0	1 20	23 17	0 24	21 48	0 37	23 11	0 32	17 59	3 48	23 35	23 32	2 29		n.a.
T 14	23 7	20 41	2 57	16 48	2 59	22 57	0 17	9 9	0 28	2 1	1 20	23 17	0 24	21 48	0 37	23 11	0 32	17 59	3 48	23 35	23 32	2 27		n.a.
W15	23 12	17 40	3 49	17 11	2 47	23 8	0 19	8 55	0 27	2 2	1 20	23 17	0 24	21 47	0 37	23 11	0 32	17 59	3 48	23 35	23 32	2 24		n.a.
T 16	23 17	13 57	4 30	17 36	2 35	23 19	0 21	8 41	0 26	2 2	1 20	23 17	0 24	21 46	0 37	23 11	0 32	18 0	3 48	23 34	23 32	2 21		n.a.
F 17	23 21	9 44	4 58	18 2	2 22	23 29	0 24	8 28	0 24	2 3	1 19	23 17	0 24	21 46	0 37	23 11	0 32	18 0	3 48	23 34	23 32	2 19		n.a.
S 18	23 26	5 11	5 13	18 29	2 9	23 38	0 26	8 14	0 23	2 4	1 19	23 16	0 24	21 45	0 37	23 11	0 32	18 0	3 48	23 34	23 33	2 16		n.a.
S 19	23 29	0 28	5 15	18 56	1 56	23 46	0 28	8 0	0 22	2 5	1 19	23 16	0 24	21 45	0 37	23 11	0 32	18 0	3 48	23 34	23 33	2 13		n.a.
M20	23 32	4n17	5 3	19 25	1 43	23 54	0 30	7 46	0 21	2 6	1 18	23 16	0 23	21 44	0 37	23 11	0 32	18 1	3 48	23 35	23 33	2 11		n.a.
T 21	23 35	8 56	4 38	19 53	1 30	24 1	0 33	7 31	0 19	2 7	1 18	23 16	0 23	21 43	0 37	23 11	0 32	18 1	3 48	23 35	23 33	2 8		n.a.
W22	23 38	13 18	4 0	20 22	1 16	24 8	0 35	7 17	0 18	2 8	1 18	23 16	0 23	21 43	0 37	23 11	0 32	18 1	3 48	23 35	23 33	2 5		n.a.
T 23	23 40	17 12	3 10	20 50	1 3	24 13	0 37	7 3	0 17	2 9	1 17	23 16	0 23	21 42	0 37	23 11	0 32	18 2	3 48	23 35	23 33	2 3		n.a.
F 24	23 42	20 24	2 9	21 18	0 49	24 18	0 39	6 48	0 16	2 11	1 17	23 16	0 23	21 41	0 37	23 11	0 32	18 2	3 48	23 35	23 34	2 0		n.a.
S 25	23 43	22 37	1 1	21 46	0 36	24 23	0 41	6 34	0 14	2 12	1 17	23 16	0 23	21 41	0 37	23 11	0 32	18 2	3 48	23 35	23 34	1 57		n.a.
S 26	23 44	23 39	0n11	22 12	0 23	24 26	0 43	6 19	0 13	2 13	1 17	23 16	0 23	21 40	0 37	23 11	0 32	18 2	3 48	23 35	23 34	1 55		n.a.
M27	23 44	23 20	1 25	22 38	0 10	24 29	0 45	6 4	0 12	2 15	1 16	23 16	0 23	21 39	0 37	23 11	0 32	18 3	3 48	23 35	23 34	1 52		n.a.
T 28	23 44	21 38	2 35	23 2	0n 2	24 31	0 47	5 50	0 11	2 16	1 16	23 16	0 23	21 39	0 37	23 11	0 32	18 3	3 48	23 35	23 34	1 49		n.a.
W29	23 43	18 37	3 37	23 25	0 13	24 32	0 49	5 35	0 10	2 18	1 16	23 16	0 23	21 38	0 37	23 11	0 32	18 3	3 48	23 35	23 34	1 47		n.a.
T 30	23n42	14n31	4n26	23n46	0n25	24n33	0n51	5n20	0n 8	2s20	1n15	23s16	0n23	21n37	0n37	23s12	0n32	18n 3	3s48	23n35	23n35	1s44		n.a.

Julian Day Number = 1609077.5, Delta T = 03h54m24s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'05, Lahiri = - 8°12'05 Julian Calendar 1 June 308 BCE == Greg. Calendar 27 May 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

JULY 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 17 55	3♋27'35	17♍31	21♊57	4♋12	17♍35	8♎44	24°R58	27♋ 1	1°R21	7♊20	6♋18	6♋21	7♈33	n.a.	F 1
S 2	18 21 52	4°24'58	1♎44	23°56	5°26	18°10	8°48	24♐54	27° 4	1♑19	7°22	6°R18	6°17	7°39	n.a.	S 2
S 3	18 25 48	5°22'22	15°59	25°57	6°40	18°46	8°52	24°49	27° 8	1°18	7°23	6°18	6°14	7°46	n.a.	S 3
M 4	18 29 45	6°19'46	0♏13	27°59	7°54	19°22	8°57	24°45	27°11	1°16	7°25	6°D18	6°11	7°53	n.a.	M 4
T 5	18 33 41	7°17'11	14°24	0♋ 2	9° 8	19°58	9° 1	24°41	27°15	1°14	7°26	6°18	6° 8	8° 0	n.a.	T 5
W 6	18 37 38	8°14'38	28°28	2° 6	10°22	20°34	9° 5	24°37	27°19	1°13	7°27	6°18	6° 5	8° 6	n.a.	W 6
T 7	18 41 34	9°12'05	12♐23	4°10	11°37	21°11	9°10	24°32	27°22	1°11	7°29	6°19	6° 1	8°13	n.a.	T 7
F 8	18 45 31	10° 9'33	26° 7	6°14	12°51	21°47	9°15	24°28	27°26	1°10	7°30	6°19	5°58	8°20	n.a.	F 8
S 9	18 49 27	11° 7'03	9♑35	8°18	14° 5	22°24	9°20	24°24	27°29	1° 8	7°31	6°R19	5°55	8°27	n.a.	S 9
S 10	18 53 24	12° 4'34	22°48	10°22	15°19	23° 1	9°25	24°20	27°33	1° 6	7°32	6°19	5°52	8°33	n.a.	S 10
M11	18 57 21	13° 2'06	5♒44	12°25	16°33	23°38	9°30	24°16	27°37	1° 5	7°34	6°18	5°49	8°40	n.a.	M11
T 12	19 1 17	13°59'40	18°23	14°27	17°47	24°15	9°36	24°12	27°40	1° 3	7°35	6°17	5°46	8°47	n.a.	T 12
W13	19 5 14	14°57'15	0♓47	16°28	19° 2	24°52	9°42	24° 8	27°44	1° 2	7°36	6°16	5°42	8°53	n.a.	W13
T 14	19 9 10	15°54'51	12°57	18°29	20°16	25°29	9°47	24° 4	27°48	1° 0	7°37	6°15	5°39	9° 0	n.a.	T 14
F 15	19 13 7	16°52'29	24°59	20°28	21°30	26° 7	9°53	24° 0	27°51	0°59	7°39	6°14	5°36	9° 7	n.a.	F 15
S 16	19 17 3	17°50'09	6♈53	22°26	22°44	26°44	9°59	23°56	27°55	0°57	7°40	6°13	5°33	9°14	n.a.	S 16
S 17	19 21 0	18°47'50	18°47	24°22	23°59	27°22	10° 5	23°52	27°59	0°55	7°41	6°D13	5°30	9°20	n.a.	S 17
M18	19 24 56	19°45'34	0♉43	26°18	25°13	28° 0	10°12	23°48	28° 3	0°54	7°42	6°13	5°26	9°27	n.a.	M18
T 19	19 28 53	20°43'19	12°46	28°12	26°27	28°38	10°18	23°45	28° 6	0°52	7°43	6°14	5°23	9°34	n.a.	T 19
W20	19 32 50	21°41'05	25° 2	0♌ 4	27°41	29°16	10°25	23°41	28°10	0°51	7°44	6°15	5°20	9°40	n.a.	W20
T 21	19 36 46	22°38'54	7♊33	1°55	28°56	29°54	10°32	23°37	28°14	0°49	7°46	6°17	5°17	9°47	n.a.	T 21
F 22	19 40 43	23°36'45	20°23	3°45	0♌10	0♎33	10°39	23°34	28°17	0°48	7°47	6°18	5°14	9°54	n.a.	F 22
S 23	19 44 39	24°34'37	3♋33	5°34	1°25	1°11	10°46	23°30	28°21	0°47	7°48	6°R18	5°11	10° 1	n.a.	S 23
S 24	19 48 36	25°32'31	17° 5	7°21	2°39	1°50	10°53	23°27	28°25	0°45	7°49	6°18	5° 7	10° 7	n.a.	S 24
M25	19 52 32	26°30'26	0♌57	9° 7	3°53	2°29	11° 0	23°24	28°29	0°44	7°50	6°17	5° 4	10°14	n.a.	M25
T 26	19 56 29	27°28'24	15° 5	10°52	5° 8	3° 8	11° 8	23°20	28°32	0°42	7°51	6°15	5° 1	10°21	n.a.	T 26
W27	20 0 25	28°26'23	29°25	12°35	6°22	3°47	11°15	23°17	28°36	0°41	7°52	6°12	4°58	10°28	n.a.	W27
T 28	20 4 22	29°24'23	13♍52	14°17	7°37	4°26	11°23	23°14	28°40	0°39	7°53	6° 9	4°55	10°34	n.a.	T 28
F 29	20 8 19	0♌22'25	28°20	15°57	8°51	5° 5	11°31	23°11	28°44	0°38	7°54	6° 6	4°52	10°41	n.a.	F 29
S 30	20 12 15	1°20'28	12♎45	17°37	10° 5	5°45	11°39	23° 8	28°47	0°37	7°55	6° 4	4°48	10°48	n.a.	S 30
S 31	20 16 12	2♌18'33	27♎ 2	19♌15	11♌20	6♎24	11♎47	23♐ 5	28♋51	0♑35	7♊56	6°D 3	4♋45	10♈54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n41	9n35	5n 0	24n 4	0n35	24n33	0n53	5n 5	0n 7	2s21	1n15	23s16	0n22	21n37	0n37	23s12	0n32	18n 4	3s48	23n35	23n35	1s41		n.a.
S 2	23 39	4 7	5 16	24 21	0 45	24 32	0 55	4 50	0 6	2 23	1 15	23 16	0 22	21 36	0 37	23 12	0 32	18 4	3 48	23 35	23 35	1 39		n.a.
S 3	23 37	1s34	5 12	24 35	0 55	24 30	0 57	4 34	0 5	2 25	1 15	23 16	0 22	21 35	0 37	23 12	0 32	18 4	3 48	23 35	23 35	1 36		n.a.
M 4	23 35	7 10	4 50	24 46	1 3	24 28	0 58	4 19	0 4	2 27	1 14	23 15	0 22	21 34	0 37	23 12	0 32	18 4	3 48	23 35	23 35	1 33		n.a.
T 5	23 32	12 23	4 10	24 55	1 11	24 25	1 0	4 4	0 3	2 29	1 14	23 15	0 22	21 34	0 37	23 12	0 32	18 4	3 48	23 35	23 35	1 30		n.a.
W 6	23 28	16 54	3 15	25 1	1 18	24 21	1 2	3 48	0 2	2 31	1 14	23 15	0 22	21 33	0 37	23 12	0 32	18 5	3 48	23 35	23 35	1 28		n.a.
T 7	23 24	20 26	2 9	25 4	1 24	24 16	1 3	3 33	0 1	2 33	1 13	23 15	0 22	21 32	0 37	23 12	0 32	18 5	3 48	23 35	23 36	1 25		n.a.
F 8	23 20	22 44	0 56	25 5	1 30	24 11	1 5	3 17	0s 0	2 35	1 13	23 15	0 22	21 32	0 37	23 12	0 32	18 5	3 48	23 35	23 36	1 22		n.a.
S 9	23 16	23 41	0s18	25 3	1 35	24 5	1 6	3 2	0 2	2 38	1 13	23 15	0 22	21 31	0 37	23 12	0 32	18 5	3 48	23 35	23 36	1 20		n.a.
S 10	23 11	23 15	1 30	24 58	1 39	23 58	1 8	2 46	0 3	2 40	1 13	23 15	0 22	21 30	0 37	23 12	0 32	18 6	3 48	23 35	23 36	1 17		n.a.
M11	23 5	21 35	2 36	24 50	1 42	23 50	1 9	2 30	0 4	2 42	1 12	23 15	0 21	21 29	0 37	23 12	0 32	18 6	3 48	23 35	23 36	1 14		n.a.
T 12	22 59	18 52	3 32	24 40	1 44	23 42	1 11	2 14	0 5	2 45	1 12	23 15	0 21	21 29	0 37	23 12	0 32	18 6	3 48	23 35	23 36	1 12		n.a.
W13	22 53	15 20	4 18	24 27	1 46	23 33	1 12	1 58	0 6	2 47	1 12	23 15	0 21	21 28	0 37	23 12	0 32	18 6	3 48	23 35	23 36	1 9		n.a.
T 14	22 46	11 14	4 51	24 13	1 47	23 23	1 13	1 43	0 7	2 50	1 11	23 15	0 21	21 27	0 37	23 12	0 32	18 6	3 48	23 35	23 37	1 6		n.a.
F 15	22 39	6 45	5 10	23 56	1 48	23 13	1 14	1 27	0 8	2 52	1 11	23 15	0 21	21 26	0 37	23 12	0 32	18 7	3 48	23 35	23 37	1 3		n.a.
S 16	22 32	2 4	5 16	23 36	1 47	23 2	1 16	1 11	0 9	2 55	1 11	23 15	0 21	21 26	0 37	23 12	0 32	18 7	3 48	23 35	23 37	1 1		n.a.
S 17	22 24	2n42	5 9	23 15	1 47	22 50	1 17	0 54	0 10	2 58	1 11	23 14	0 21	21 25	0 37	23 12	0 32	18 7	3 48	23 35	23 37	0 58		n.a.
M18	22 15	7 22	4 48	22 52	1 45	22 38	1 18	0 38	0 11	3 1	1 10	23 14	0 21	21 24	0 37	23 12	0 32	18 7	3 48	23 35	23 37	0 55		n.a.
T 19	22 7	11 50	4 14	22 28	1 43	22 24	1 19	0 22	0 12	3 3	1 10	23 14	0 21	21 23	0 37	23 12	0 32	18 7	3 48	23 35	23 37	0 53		n.a.
W20	21 58	15 53	3 29	22 2	1 41	22 11	1 20	0 6	0 13	3 6	1 10	23 14	0 21	21 23	0 37	23 12	0 32	18 7	3 48	23 35	23 37	0 50		n.a.
T 21	21 48	19 20	2 32	21 34	1 38	21 56	1 20	0s11	0 14	3 9	1 10	23 14	0 20	21 22	0 37	23 12	0 32	18 8	3 48	23 35	23 38	0 47		n.a.
F 22	21 38	21 56	1 27	21 5	1 35	21 41	1 21	0 27	0 15	3 12	1 9	23 14	0 20	21 21	0 37	23 12	0 32	18 8	3 48	23 35	23 38	0 44		n.a.
S 23	21 28	23 26	0 15	20 35	1 31	21 25	1 22	0 43	0 16	3 15	1 9	23 14	0 20	21 20	0 37	23 12	0 32	18 8	3 48	23 35	23 38	0 42		n.a.
S 24	21 18	23 36	0n59	20 3	1 27	21 9	1 23	1 0	0 17	3 18	1 9	23 14	0 20	21 20	0 37	23 12	0 32	18 8	3 48	23 35	23 38	0 39		n.a.
M25	21 7	22 20	2 12	19 31	1 22	20 52	1 23	1 16	0 18	3 21	1 9	23 14	0 20	21 19	0 37	23 12	0 32	18 8	3 48	23 35	23 38	0 36		n.a.
T 26	20 55	19 39	3 17	18 58	1 17	20 34	1 24	1 33	0 19	3 25	1 8	23 14	0 20	21 18	0 37	23 12	0 32	18 8	3 48	23 35	23 38	0 34		n.a.
W27	20 44	15 44	4 12	18 23	1 12	20 16	1 24	1 49	0 20	3 28	1 8	23 14	0 20	21 17	0 37	23 12	0 32	18 9	3 48	23 35	23 38	0 31		n.a.
T 28	20 31	10 53	4 50	17 48	1 7	19 57	1 25	2 6	0 21	3 31	1 8	23 14	0 20	21 17	0 37	23 12	0 32	18 9	3 48	23 35	23 38	0 28		n.a.
F 29	20 19	5 25	5 11	17 13	1 1	19 38	1 25	2 22	0 21	3 34	1 8	23 14	0 20	21 16	0 37	23 12	0 31	18 9	3 48	23 35	23 39	0 25		n.a.
S 30	20 6	0s19	5 12	16 37	0 55	19 18	1 25	2 39	0 22	3 38	1 7	23 14	0 19	21 15	0 37	23 12	0 31	18 9	3 48	23 35	23 39	0 23		n.a.
S 31	19n53	5s59	4n53	16n 0	0n48	18n58	1n26	2s56	0s23	3s41	1n 7	23s14	0n19	21n14	0n37	23s12	0n31	18n 9	3s48	23n36	23n39	0s20		n.a.

Julian Day Number = 1609107.5, Delta T = 03h54m23s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°19'01, Lahiri = - 8°12'01 Julian Calendar 1 July 308 BCE == Greg. Calendar 26 June 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

AUGUST 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 20 8	3♌16'39	11♏ 8	20♌51	12♌34	7♎ 4	11♎55	23°R 2	28♋55	0°R34	7♊57	6♋ 3	4♋42	11♈ 1	n.a.	M 1
T 2	20 24 5	4°14'47	25° 3	22°27	13°49	7°43	12° 3	22♐59	28°59	0♑33	7°58	6° 4	4°39	11° 8	n.a.	T 2
W 3	20 28 1	5°12'56	8♐46	24° 1	15° 3	8°23	12°12	22°57	29° 2	0°32	7°59	6° 5	4°36	11°15	n.a.	W 3
T 4	20 31 58	6°11'07	22°16	25°34	16°18	9° 3	12°21	22°54	29° 6	0°30	8° 0	6° 7	4°32	11°21	n.a.	T 4
F 5	20 35 54	7° 9'20	5♑33	27° 6	17°32	9°43	12°29	22°51	29°10	0°29	8° 0	6°R 7	4°29	11°28	n.a.	F 5
S 6	20 39 51	8° 7'34	18°38	28°37	18°47	10°23	12°38	22°49	29°14	0°28	8° 1	6° 7	4°26	11°35	n.a.	S 6
S 7	20 43 48	9° 5'51	1♒31	0♍ 6	20° 1	11° 4	12°47	22°47	29°17	0°27	8° 2	6° 4	4°23	11°42	n.a.	S 7
M 8	20 47 44	10° 4'09	14°11	1°34	21°16	11°44	12°56	22°44	29°21	0°25	8° 3	6° 0	4°20	11°48	n.a.	M 8
T 9	20 51 41	11° 2'29	26°39	3° 1	22°30	12°25	13° 5	22°42	29°25	0°24	8° 4	5°55	4°17	11°55	n.a.	T 9
W10	20 55 37	12° 0'51	8♓56	4°26	23°45	13° 5	13°14	22°40	29°28	0°23	8° 5	5°49	4°13	12° 2	n.a.	W10
T 11	20 59 34	12°59'15	21° 3	5°50	24°59	13°46	13°24	22°38	29°32	0°22	8° 5	5°42	4°10	12° 8	n.a.	T 11
F 12	21 3 30	13°57'41	3♈ 2	7°13	26°14	14°27	13°33	22°36	29°36	0°21	8° 6	5°36	4° 7	12°15	n.a.	F 12
S 13	21 7 27	14°56'09	14°55	8°35	27°28	15° 8	13°43	22°34	29°39	0°20	8° 7	5°31	4° 4	12°22	n.a.	S 13
S 14	21 11 23	15°54'40	26°47	9°55	28°43	15°49	13°53	22°32	29°43	0°19	8° 7	5°27	4° 1	12°29	n.a.	S 14
M15	21 15 20	16°53'13	8♉41	11°14	29°57	16°30	14° 2	22°31	29°47	0°18	8° 8	5°25	3°58	12°35	n.a.	M15
T 16	21 19 17	17°51'48	20°42	12°31	1♍12	17°11	14°12	22°29	29°50	0°17	8° 9	5°D25	3°54	12°42	n.a.	T 16
W17	21 23 13	18°50'25	2♊55	13°47	2°26	17°52	14°22	22°28	29°54	0°16	8° 9	5°25	3°51	12°49	n.a.	W17
T 18	21 27 10	19°49'05	15°25	15° 1	3°41	18°34	14°32	22°26	29°58	0°15	8°10	5°27	3°48	12°55	n.a.	T 18
F 19	21 31 6	20°47'48	28°16	16°13	4°55	19°15	14°42	22°25	0♌ 1	0°14	8°11	5°28	3°45	13° 2	n.a.	F 19
S 20	21 35 3	21°46'32	11♋32	17°24	6°10	19°57	14°53	22°24	0° 5	0°13	8°11	5°R28	3°42	13° 9	n.a.	S 20
S 21	21 38 59	22°45'19	25°14	18°33	7°24	20°39	15° 3	22°22	0° 8	0°13	8°12	5°26	3°38	13°16	n.a.	S 21
M22	21 42 56	23°44'08	9♌22	19°39	8°39	21°20	15°14	22°21	0°12	0°12	8°12	5°22	3°35	13°22	n.a.	M22
T 23	21 46 52	24°43'00	23°52	20°44	9°54	22° 2	15°24	22°21	0°15	0°11	8°13	5°16	3°32	13°29	n.a.	T 23
W24	21 50 49	25°41'53	8♍38	21°46	11° 8	22°44	15°35	22°20	0°19	0°10	8°13	5° 9	3°29	13°36	n.a.	W24
T 25	21 54 45	26°40'48	23°33	22°46	12°23	23°26	15°46	22°19	0°22	0° 9	8°14	5° 1	3°26	13°43	n.a.	T 25
F 26	21 58 42	27°39'46	8♎26	23°44	13°37	24° 9	15°56	22°18	0°26	0° 9	8°14	4°53	3°23	13°49	n.a.	F 26
S 27	22 2 39	28°38'45	23°11	24°38	14°52	24°51	16° 7	22°18	0°29	0° 8	8°14	4°47	3°19	13°56	n.a.	S 27
S 28	22 6 35	29°37'46	7♏40	25°29	16° 6	25°33	16°18	22°17	0°33	0° 7	8°15	4°43	3°16	14° 3	n.a.	S 28
M29	22 10 32	0♍36'49	21°51	26°18	17°21	26°16	16°29	22°17	0°36	0° 7	8°15	4°41	3°13	14° 9	n.a.	M29
T 30	22 14 28	1°35'54	5♐41	27° 2	18°35	26°58	16°40	22°17	0°39	0° 6	8°16	4°D41	3°10	14°16	n.a.	T 30
W31	22 18 25	2♍35'01	19♐12	27♍42	19♍50	27♎41	16♎52	22♐17	0♌43	0♑ 6	8♊16	4♋41	3♋ 7	14♈23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19n40	11s17	4n17	15n22	0n42	18n37	1n26	3s12	0s24	3s45	1n 7	23s14	0n19	21n13	0n37	23s12	0n31	18n 9	3s48	23n36	23n39	0s17			n.a.
T 2	19 26	15 56	3 26	14 45	0 35	18 15	1 26	3 29	0 25	3 48	1 7	23 14	0 19	21 13	0 37	23 12	0 31	18 9	3 48	23 35	23 39	0 14			n.a.
W 3	19 12	19 40	2 24	14 7	0 28	17 53	1 26	3 46	0 26	3 52	1 6	23 14	0 19	21 12	0 37	23 13	0 31	18 10	3 48	23 35	23 39	0 12			n.a.
T 4	18 57	22 15	1 15	13 28	0 20	17 31	1 26	4 2	0 27	3 55	1 6	23 14	0 19	21 11	0 37	23 13	0 31	18 10	3 48	23 35	23 39	0 9			n.a.
F 5	18 43	23 34	0 3	12 50	0 13	17 8	1 26	4 19	0 28	3 59	1 6	23 13	0 19	21 10	0 37	23 13	0 31	18 10	3 48	23 35	23 39	0 6			n.a.
S 6	18 27	23 32	1s 8	12 11	0 6	16 44	1 26	4 36	0 29	4 3	1 6	23 13	0 19	21 10	0 37	23 13	0 31	18 10	3 48	23 35	23 39	0 3			n.a.
S 7	18 12	22 15	2 14	11 32	0s 2	16 20	1 25	4 53	0 29	4 6	1 6	23 13	0 19	21 9	0 37	23 13	0 31	18 10	3 48	23 35	23 40	0 1			n.a.
M 8	17 56	19 50	3 12	10 54	0 10	15 56	1 25	5 9	0 30	4 10	1 5	23 13	0 18	21 8	0 37	23 13	0 31	18 10	3 48	23 36	23 40	0n 2			n.a.
T 9	17 40	16 32	4 1	10 15	0 18	15 31	1 25	5 26	0 31	4 14	1 5	23 13	0 18	21 7	0 37	23 13	0 31	18 10	3 48	23 36	23 40	0 5			n.a.
W10	17 24	12 35	4 37	9 36	0 26	15 6	1 24	5 43	0 32	4 18	1 5	23 13	0 18	21 7	0 37	23 13	0 31	18 10	3 48	23 36	23 40	0 8			n.a.
T 11	17 7	8 10	5 0	8 57	0 34	14 40	1 24	6 0	0 33	4 22	1 5	23 13	0 18	21 6	0 37	23 13	0 31	18 10	3 48	23 36	23 40	0 10			n.a.
F 12	16 50	3 30	5 9	8 19	0 42	14 14	1 23	6 17	0 34	4 25	1 4	23 13	0 18	21 5	0 37	23 13	0 31	18 11	3 48	23 37	23 40	0 13			n.a.
S 13	16 33	1n15	5 6	7 40	0 51	13 47	1 23	6 33	0 34	4 29	1 4	23 13	0 18	21 4	0 37	23 13	0 31	18 11	3 48	23 37	23 40	0 16			n.a.
S 14	16 16	5 58	4 49	7 2	0 59	13 21	1 22	6 50	0 35	4 33	1 4	23 13	0 18	21 3	0 37	23 13	0 31	18 11	3 48	23 37	23 40	0 19			n.a.
M15	15 58	10 29	4 19	6 24	1 7	12 53	1 21	7 7	0 36	4 37	1 4	23 13	0 18	21 3	0 37	23 13	0 31	18 11	3 48	23 37	23 40	0 21			n.a.
T 16	15 40	14 38	3 38	5 47	1 16	12 26	1 20	7 23	0 37	4 41	1 4	23 13	0 18	21 2	0 37	23 13	0 31	18 11	3 48	23 37	23 40	0 24			n.a.
W17	15 22	18 16	2 47	5 10	1 24	11 58	1 20	7 40	0 37	4 46	1 3	23 13	0 17	21 1	0 37	23 13	0 31	18 11	3 48	23 37	23 41	0 27			n.a.
T 18	15 3	21 10	1 46	4 33	1 32	11 30	1 19	7 57	0 38	4 50	1 3	23 14	0 17	21 0	0 37	23 13	0 31	18 11	3 48	23 37	23 41	0 30			n.a.
F 19	14 44	23 4	0 39	3 57	1 41	11 1	1 18	8 14	0 39	4 54	1 3	23 14	0 17	21 0	0 37	23 13	0 31	18 11	3 48	23 37	23 41	0 32			n.a.
S 20	14 25	23 46	0n33	3 22	1 49	10 33	1 16	8 30	0 40	4 58	1 3	23 14	0 17	20 59	0 37	23 13	0 31	18 11	3 48	23 37	23 41	0 35			n.a.
S 21	14 6	23 4	1 45	2 47	1 57	10 4	1 15	8 47	0 40	5 2	1 3	23 14	0 17	20 58	0 37	23 13	0 31	18 11	3 48	23 37	23 41	0 38			n.a.
M22	13 46	20 53	2 52	2 13	2 5	9 34	1 14	9 3	0 41	5 7	1 2	23 14	0 17	20 57	0 37	23 13	0 31	18 11	3 48	23 37	23 41	0 41			n.a.
T 23	13 27	17 21	3 50	1 40	2 13	9 5	1 13	9 20	0 42	5 11	1 2	23 14	0 17	20 57	0 37	23 13	0 31	18 11	3 48	23 38	23 41	0 43			n.a.
W24	13 7	12 39	4 34	1 8	2 21	8 35	1 12	9 36	0 43	5 15	1 2	23 14	0 17	20 56	0 37	23 13	0 31	18 11	3 48	23 38	23 41	0 46			n.a.
T 25	12 46	7 10	5 0	0 38	2 29	8 5	1 10	9 53	0 43	5 20	1 2	23 14	0 17	20 55	0 37	23 13	0 31	18 11	3 48	23 38	23 41	0 49			n.a.
F 26	12 26	1 17	5 5	0 8	2 36	7 34	1 9	10 9	0 44	5 24	1 2	23 14	0 16	20 54	0 37	23 13	0 31	18 11	3 48	23 38	23 41	0 52			n.a.
S 27	12 5	4s37	4 50	0s21	2 44	7 4	1 7	10 26	0 45	5 28	1 2	23 14	0 16	20 54	0 37	23 13	0 31	18 11	3 48	23 39	23 41	0 54			n.a.
S 28	11 44	10 11	4 17	0 48	2 51	6 33	1 6	10 42	0 45	5 33	1 1	23 14	0 16	20 53	0 37	23 13	0 31	18 11	3 49	23 39	23 41	0 57			n.a.
M29	11 23	15 6	3 29	1 13	2 57	6 2	1 4	10 58	0 46	5 37	1 1	23 14	0 16	20 52	0 37	23 13	0 31	18 11	3 49	23 39	23 42	1 0			n.a.
T 30	11 2	19 5	2 29	1 37	3 4	5 31	1 2	11 15	0 47	5 42	1 1	23 14	0 16	20 52	0 37	23 13	0 31	18 11	3 49	23 39	23 42	1 3			n.a.
W31	10n41	21s56	1n22	1s58	3s10	5n 0	1n 1	11s31	0s47	5s46	1n 1	23s14	0n16	20n51	0n37	23s13	0n31	18n11	3s49	23n39	23n42	1n 5			n.a.

Julian Day Number = 1609138.5, Delta T = 03h54m22s
Ecliptic obliquity = 23°43'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'57, Lahiri = - 8°11'56 Julian Calendar 1 Aug. 308 BCE == Greg. Calendar 27 July 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

SEPTEMBER 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 21	3♍34'09	2♉26	28♍19	21♍ 5	28♎24	17♎ 3	22°D17	0♌46	0°R 5	8♊16	4°R42	3♋ 4	14♈30	n.a.	T 1
F 2	22 26 18	4°33'20	15°24	28°50	22°19	29° 7	17°14	22♐17	0°49	0♉ 5	8°16	4♋41	3° 0	14°36	n.a.	F 2
S 3	22 30 14	5°32'33	28° 9	29°17	23°34	29°49	17°26	22°17	0°52	0° 4	8°17	4°39	2°57	14°43	n.a.	S 3
S 4	22 34 11	6°31'47	10♒42	29°38	24°48	0♏32	17°37	22°17	0°56	0° 4	8°17	4°34	2°54	14°50	n.a.	S 4
M 5	22 38 8	7°31'04	23° 6	29°53	26° 3	1°15	17°49	22°17	0°59	0° 4	8°17	4°26	2°51	14°56	n.a.	M 5
T 6	22 42 4	8°30'22	5♓22	0♎ 2	27°17	1°59	18° 1	22°18	1° 2	0° 3	8°17	4°15	2°48	15° 3	n.a.	T 6
W 7	22 46 1	9°29'43	17°29	0°R 3	28°32	2°42	18°12	22°18	1° 5	0° 3	8°17	4° 3	2°44	15°10	n.a.	W 7
T 8	22 49 57	10°29'05	29°30	29♍58	29°46	3°25	18°24	22°19	1° 8	0° 3	8°18	3°51	2°41	15°17	n.a.	T 8
F 9	22 53 54	11°28'30	11♈26	29°45	1♎ 1	4° 9	18°36	22°20	1°11	0° 2	8°18	3°38	2°38	15°23	n.a.	F 9
S 10	22 57 50	12°27'58	23°17	29°24	2°15	4°52	18°48	22°21	1°14	0° 2	8°18	3°28	2°35	15°30	n.a.	S 10
S 11	23 1 47	13°27'27	5♉ 8	28°54	3°30	5°36	19° 0	22°22	1°18	0° 2	8°18	3°19	2°32	15°37	n.a.	S 11
M12	23 5 43	14°26'59	17° 0	28°16	4°44	6°19	19°12	22°23	1°21	0° 2	8°18	3°13	2°29	15°44	n.a.	M12
T 13	23 9 40	15°26'34	28°59	27°30	5°59	7° 3	19°24	22°24	1°23	0° 2	8°R18	3° 9	2°25	15°50	n.a.	T 13
W14	23 13 36	16°26'11	11♊ 8	26°36	7°13	7°47	19°36	22°25	1°26	0° 1	8°18	3° 8	2°22	15°57	n.a.	W14
T 15	23 17 33	17°25'50	23°33	25°36	8°28	8°31	19°49	22°26	1°29	0° 1	8°18	3°D 8	2°19	16° 4	n.a.	T 15
F 16	23 21 30	18°25'32	6♋19	24°29	9°42	9°15	20° 1	22°28	1°32	0°D 1	8°18	3°R 8	2°16	16°10	n.a.	F 16
S 17	23 25 26	19°25'16	19°31	23°18	10°57	9°59	20°13	22°29	1°35	0° 1	8°18	3° 7	2°13	16°17	n.a.	S 17
S 18	23 29 23	20°25'03	3♌12	22° 4	12°11	10°43	20°26	22°31	1°38	0° 1	8°18	3° 4	2° 9	16°24	n.a.	S 18
M19	23 33 19	21°24'51	17°22	20°50	13°26	11°27	20°38	22°33	1°41	0° 2	8°17	2°59	2° 6	16°31	n.a.	M19
T 20	23 37 16	22°24'42	2♍ 1	19°37	14°40	12°11	20°51	22°35	1°43	0° 2	8°17	2°50	2° 3	16°37	n.a.	T 20
W21	23 41 12	23°24'35	17° 1	18°27	15°55	12°55	21° 3	22°37	1°46	0° 2	8°17	2°40	2° 0	16°44	n.a.	W21
T 22	23 45 9	24°24'31	2♎14	17°24	17° 9	13°40	21°16	22°39	1°49	0° 2	8°17	2°28	1°57	16°51	n.a.	T 22
F 23	23 49 5	25°24'28	17°29	16°28	18°24	14°24	21°28	22°41	1°51	0° 2	8°17	2°17	1°54	16°57	n.a.	F 23
S 24	23 53 2	26°24'27	2♏35	15°41	19°38	15° 9	21°41	22°43	1°54	0° 2	8°16	2° 8	1°50	17° 4	n.a.	S 24
S 25	23 56 59	27°24'28	17°23	15° 5	20°52	15°54	21°54	22°45	1°56	0° 3	8°16	2° 1	1°47	17°11	n.a.	S 25
M26	0 0 55	28°24'31	1♐47	14°40	22° 7	16°38	22° 7	22°48	1°59	0° 3	8°16	1°57	1°44	17°18	n.a.	M26
T 27	0 4 52	29°24'36	15°44	14°26	23°21	17°23	22°20	22°50	2° 1	0° 3	8°15	1°55	1°41	17°24	n.a.	T 27
W28	0 8 48	0♎24'42	29°16	14°D24	24°36	18° 8	22°32	22°53	2° 4	0° 4	8°15	1°55	1°38	17°31	n.a.	W28
T 29	0 12 45	1°24'50	12♉24	14°33	25°50	18°53	22°45	22°56	2° 6	0° 4	8°15	1°55	1°35	17°38	n.a.	T 29
F 30	0 16 41	2♎24'59	25♉13	14♍53	27♎ 4	19♏38	22♎58	22♐58	2♌ 8	0♉ 5	8♊14	1♋53	1♋31	17♈44	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n19	23s30	0n12	2s18	3s15	4n29	0n59	11s47	0s48	5s51	1n 1	23s15	0n16	20n50	0n37	23s13	0n31	18n11	3s49	23n39	23n42	1n 8		n.a.
F 2	9 57	23 46	0s57	2 35	3 20	3 57	0 57	12 3	0 49	5 55	1 0	23 15	0 16	20 49	0 37	23 13	0 31	18 11	3 49	23 39	23 42	1 11		n.a.
S 3	9 36	22 46	2 2	2 50	3 24	3 26	0 55	12 19	0 49	6 0	1 0	23 15	0 16	20 49	0 37	23 13	0 31	18 12	3 49	23 39	23 42	1 14		n.a.
S 4	9 13	20 38	2 59	3 1	3 28	2 54	0 53	12 35	0 50	6 4	1 0	23 15	0 15	20 48	0 37	23 13	0 31	18 12	3 49	23 39	23 42	1 17		n.a.
M 5	8 51	17 34	3 48	3 10	3 30	2 23	0 51	12 51	0 51	6 9	1 0	23 15	0 15	20 47	0 37	23 13	0 31	18 11	3 49	23 39	23 42	1 19		n.a.
T 6	8 29	13 45	4 25	3 15	3 32	1 51	0 49	13 6	0 51	6 14	1 0	23 15	0 15	20 47	0 37	23 13	0 30	18 11	3 49	23 40	23 42	1 22		n.a.
W 7	8 6	9 26	4 49	3 16	3 33	1 19	0 47	13 22	0 52	6 18	1 0	23 15	0 15	20 46	0 37	23 14	0 30	18 11	3 49	23 40	23 42	1 25		n.a.
T 8	7 44	4 47	5 1	3 14	3 32	0 47	0 45	13 38	0 52	6 23	0 59	23 15	0 15	20 45	0 37	23 14	0 30	18 11	3 49	23 41	23 42	1 28		n.a.
F 9	7 21	0 0	4 59	3 7	3 31	0 15	0 43	13 53	0 53	6 28	0 59	23 16	0 15	20 45	0 37	23 14	0 30	18 11	3 49	23 41	23 42	1 30		n.a.
S 10	6 58	4n46	4 44	2 55	3 27	0s17	0 41	14 9	0 54	6 32	0 59	23 16	0 15	20 44	0 37	23 14	0 30	18 11	3 49	23 41	23 42	1 33		n.a.
S 11	6 35	9 21	4 17	2 39	3 22	0 49	0 39	14 24	0 54	6 37	0 59	23 16	0 15	20 43	0 37	23 14	0 30	18 11	3 49	23 41	23 42	1 36		n.a.
M12	6 12	13 37	3 39	2 17	3 16	1 21	0 36	14 39	0 55	6 42	0 59	23 16	0 15	20 43	0 37	23 14	0 30	18 11	3 49	23 42	23 43	1 39		n.a.
T 13	5 48	17 24	2 51	1 51	3 7	1 53	0 34	14 54	0 55	6 47	0 59	23 16	0 14	20 42	0 37	23 14	0 30	18 11	3 49	23 42	23 43	1 42		n.a.
W14	5 25	20 30	1 54	1 20	2 57	2 25	0 32	15 9	0 56	6 52	0 59	23 16	0 14	20 41	0 37	23 14	0 30	18 11	3 49	23 42	23 43	1 44		n.a.
T 15	5 1	22 44	0 51	0 44	2 45	2 57	0 29	15 24	0 56	6 56	0 58	23 17	0 14	20 41	0 37	23 14	0 30	18 11	3 49	23 42	23 43	1 47		n.a.
F 16	4 38	23 52	0n17	0 5	2 30	3 29	0 27	15 39	0 57	7 1	0 58	23 17	0 14	20 40	0 38	23 14	0 30	18 11	3 49	23 42	23 43	1 50		n.a.
S 17	4 14	23 42	1 26	0n38	2 14	4 0	0 24	15 54	0 57	7 6	0 58	23 17	0 14	20 40	0 38	23 14	0 30	18 11	3 49	23 42	23 43	1 53		n.a.
S 18	3 51	22 8	2 32	1 24	1 57	4 32	0 22	16 8	0 58	7 11	0 58	23 17	0 14	20 39	0 38	23 14	0 30	18 11	3 49	23 42	23 43	1 55		n.a.
M19	3 27	19 10	3 31	2 11	1 38	5 4	0 20	16 23	0 58	7 16	0 58	23 17	0 14	20 38	0 38	23 14	0 30	18 11	3 49	23 42	23 43	1 58		n.a.
T 20	3 3	14 54	4 18	2 58	1 18	5 35	0 17	16 37	0 59	7 21	0 58	23 18	0 14	20 38	0 38	23 14	0 30	18 11	3 49	23 42	23 43	2 1		n.a.
W21	2 39	9 37	4 49	3 45	0 57	6 7	0 14	16 51	0 59	7 25	0 58	23 18	0 14	20 37	0 38	23 14	0 30	18 11	3 49	23 42	23 43	2 4		n.a.
T 22	2 15	3 41	5 0	4 29	0 37	6 38	0 12	17 5	1 0	7 30	0 57	23 18	0 13	20 37	0 38	23 14	0 30	18 11	3 49	23 43	23 43	2 7		n.a.
F 23	1 51	2s29	4 50	5 9	0 16	7 9	0 9	17 19	1 0	7 35	0 57	23 18	0 13	20 36	0 38	23 14	0 30	18 11	3 49	23 43	23 43	2 9		n.a.
S 24	1 27	8 28	4 19	5 46	0n 3	7 40	0 7	17 33	1 1	7 40	0 57	23 19	0 13	20 36	0 38	23 14	0 30	18 11	3 49	23 43	23 43	2 12		n.a.
S 25	1 3	13 50	3 32	6 17	0 22	8 11	0 4	17 47	1 1	7 45	0 57	23 19	0 13	20 35	0 38	23 14	0 30	18 11	3 49	23 43	23 43	2 15		n.a.
M26	0 38	18 17	2 32	6 43	0 40	8 42	0 1	18 0	1 2	7 50	0 57	23 19	0 13	20 35	0 38	23 14	0 30	18 11	3 50	23 43	23 43	2 18		n.a.
T 27	0 14	21 34	1 24	7 3	0 56	9 12	0s 1	18 13	1 2	7 55	0 57	23 19	0 13	20 34	0 38	23 14	0 30	18 11	3 50	23 43	23 43	2 21		n.a.
W28	0s10	23 30	0 14	7 17	1 10	9 42	0 4	18 27	1 3	8 0	0 57	23 19	0 13	20 34	0 38	23 14	0 30	18 10	3 50	23 43	23 43	2 23		n.a.
T 29	0 34	24 4	0s55	7 25	1 23	10 12	0 7	18 40	1 3	8 5	0 57	23 20	0 13	20 33	0 38	23 14	0 30	18 10	3 50	23 43	23 43	2 26		n.a.
F 30	0s58	23s19	2s 0	7n28	1n34	10s42	0s10	18s52	1s 4	8s10	0n57	23s20	0n13	20n33	0n38	23s14	0n30	18n10	3s50	23n43	23n43	2n29		n.a.

Julian Day Number = 1609169.5, Delta T = 03h54m21s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'53, Lahiri = - 8°11'52 Julian Calendar 1 Sept. 308 BCE == Greg. Calendar 27 Aug. 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

OCTOBER 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 20 38	3♎25'11	7♒46	15♍22	28♎19	20♏23	23♎11	23♐ 1	2♌10	0♉ 5	8°R14	1°R50	1♋28	17♈51	n.a.	S 1
S 2	0 24 34	4°25'24	20° 7	16° 0	29°33	21° 8	23°24	23° 4	2°13	0° 6	8♊14	1♋44	1°25	17°58	n.a.	S 2
M 3	0 28 31	5°25'38	2♓18	16°47	0♏47	21°53	23°37	23° 7	2°15	0° 6	8°13	1°34	1°22	18° 5	n.a.	M 3
T 4	0 32 28	6°25'55	14°22	17°41	2° 2	22°38	23°50	23°10	2°17	0° 7	8°13	1°22	1°19	18°11	n.a.	T 4
W 5	0 36 24	7°26'13	26°22	18°41	3°16	23°23	24° 4	23°14	2°19	0° 7	8°12	1° 8	1°15	18°18	n.a.	W 5
T 6	0 40 21	8°26'32	8♈17	19°48	4°30	24° 9	24°17	23°17	2°21	0° 8	8°12	0°54	1°12	18°25	n.a.	T 6
F 7	0 44 17	9°26'54	20°10	20°59	5°45	24°54	24°30	23°20	2°23	0° 9	8°11	0°39	1° 9	18°31	n.a.	F 7
S 8	0 48 14	10°27'17	2♉ 1	22°14	6°59	25°39	24°43	23°24	2°25	0° 9	8°11	0°26	1° 6	18°38	n.a.	S 8
S 9	0 52 10	11°27'43	13°53	23°32	8°13	26°25	24°56	23°27	2°27	0°10	8°10	0°16	1° 3	18°45	n.a.	S 9
M10	0 56 7	12°28'10	25°47	24°54	9°27	27°10	25°10	23°31	2°29	0°11	8° 9	0° 8	1° 0	18°52	n.a.	M10
T 11	1 0 3	13°28'40	7♊48	26°19	10°42	27°56	25°23	23°35	2°30	0°12	8° 9	0° 4	0°56	18°58	n.a.	T 11
W12	1 4 0	14°29'11	19°57	27°45	11°56	28°41	25°36	23°39	2°32	0°13	8° 8	0° 1	0°53	19° 5	n.a.	W12
T 13	1 7 56	15°29'44	2♋20	29°14	13°10	29°27	25°49	23°43	2°34	0°13	8° 7	0°D 1	0°50	19°12	n.a.	T 13
F 14	1 11 53	16°30'19	15° 1	0♎43	14°24	0♐13	26° 3	23°47	2°36	0°14	8° 7	0°R 1	0°47	19°19	n.a.	F 14
S 15	1 15 50	17°30'56	28° 6	2°14	15°38	0°59	26°16	23°51	2°37	0°15	8° 6	0° 1	0°44	19°25	n.a.	S 15
S 16	1 19 46	18°31'35	11♌38	3°46	16°53	1°45	26°30	23°55	2°39	0°16	8° 5	29♊59	0°41	19°32	n.a.	S 16
M17	1 23 43	19°32'16	25°39	5°19	18° 7	2°30	26°43	23°59	2°40	0°17	8° 5	29°54	0°37	19°39	n.a.	M17
T 18	1 27 39	20°32'59	10♍ 9	6°52	19°21	3°16	26°56	24° 4	2°42	0°18	8° 4	29°47	0°34	19°45	n.a.	T 18
W19	1 31 36	21°33'43	25° 5	8°26	20°35	4° 2	27°10	24° 8	2°43	0°19	8° 3	29°38	0°31	19°52	n.a.	W19
T 20	1 35 32	22°34'29	10♎18	10° 0	21°49	4°48	27°23	24°12	2°44	0°20	8° 2	29°27	0°28	19°59	n.a.	T 20
F 21	1 39 29	23°35'16	25°39	11°34	23° 3	5°35	27°37	24°17	2°46	0°22	8° 1	29°17	0°25	20° 6	n.a.	F 21
S 22	1 43 25	24°36'05	10♏56	13° 9	24°17	6°21	27°50	24°22	2°47	0°23	8° 1	29° 8	0°21	20°12	n.a.	S 22
S 23	1 47 22	25°36'55	25°58	14°44	25°31	7° 7	28° 4	24°26	2°48	0°24	8° 0	29° 2	0°18	20°19	n.a.	S 23
M24	1 51 19	26°37'47	10♐36	16°18	26°45	7°53	28°17	24°31	2°49	0°25	7°59	28°58	0°15	20°26	n.a.	M24
T 25	1 55 15	27°38'40	24°46	17°53	28° 0	8°39	28°30	24°36	2°50	0°26	7°58	28°D57	0°12	20°32	n.a.	T 25
W26	1 59 12	28°39'34	8♑28	19°28	29°14	9°26	28°44	24°41	2°51	0°28	7°57	28°57	0° 9	20°39	n.a.	W26
T 27	2 3 8	29°40'28	21°42	21° 3	0♐28	10°12	28°57	24°46	2°52	0°29	7°56	28°58	0° 6	20°46	n.a.	T 27
F 28	2 7 5	0♏41'24	4♒32	22°38	1°42	10°58	29°11	24°51	2°53	0°30	7°55	28°R58	0° 2	20°53	n.a.	F 28
S 29	2 11 1	1°42'21	17° 3	24°12	2°55	11°45	29°24	24°56	2°54	0°32	7°54	28°56	29♊59	20°59	n.a.	S 29
S 30	2 14 58	2°43'18	29°19	25°47	4° 9	12°31	29°38	25° 1	2°55	0°33	7°53	28°53	29°56	21° 6	n.a.	S 30
M31	2 18 54	3♏44'16	11♓24	27♎21	5♐23	13♐18	29♎51	25♐ 6	2♌55	0♉34	7♊52	28♊47	29♊53	21♈13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s23	21s24	2s57	7n25	1n43	11s12	0s12	19s 5	1s 4	8s15	0n56	23s20	0n13	20n32	0n38	23s14	0n30	18n10	3s50	23n43	23n43	2n32		n.a.
S 2	1 47	18 30	3 45	7 17	1 51	11 41	0 15	19 18	1 4	8 20	0 56	23 20	0 12	20 32	0 38	23 14	0 30	18 10	3 50	23 43	23 43	2 35		n.a.
M 3	2 11	14 51	4 22	7 5	1 58	12 10	0 18	19 30	1 5	8 25	0 56	23 21	0 12	20 31	0 38	23 14	0 30	18 10	3 50	23 43	23 44	2 37		n.a.
T 4	2 35	10 37	4 47	6 48	2 3	12 39	0 21	19 42	1 5	8 30	0 56	23 21	0 12	20 31	0 38	23 14	0 30	18 10	3 50	23 44	23 44	2 40		n.a.
W 5	2 59	6 1	4 58	6 28	2 7	13 7	0 23	19 54	1 6	8 35	0 56	23 21	0 12	20 30	0 38	23 14	0 30	18 10	3 50	23 44	23 44	2 43		n.a.
T 6	3 23	1 13	4 57	6 4	2 9	13 35	0 26	20 6	1 6	8 40	0 56	23 22	0 12	20 30	0 38	23 14	0 30	18 10	3 50	23 44	23 44	2 46		n.a.
F 7	3 47	3n37	4 43	5 37	2 11	14 3	0 29	20 18	1 6	8 45	0 56	23 22	0 12	20 29	0 38	23 14	0 30	18 10	3 50	23 44	23 44	2 49		n.a.
S 8	4 11	8 19	4 16	5 7	2 11	14 30	0 31	20 29	1 7	8 50	0 56	23 22	0 12	20 29	0 38	23 14	0 30	18 9	3 50	23 44	23 44	2 51		n.a.
S 9	4 35	12 44	3 38	4 36	2 11	14 57	0 34	20 40	1 7	8 55	0 56	23 22	0 12	20 29	0 38	23 14	0 30	18 9	3 50	23 44	23 44	2 54		n.a.
M10	4 59	16 41	2 50	4 2	2 10	15 24	0 37	20 52	1 7	9 0	0 55	23 23	0 12	20 28	0 38	23 14	0 29	18 9	3 50	23 44	23 44	2 57		n.a.
T 11	5 23	19 59	1 55	3 26	2 8	15 50	0 40	21 2	1 8	9 5	0 55	23 23	0 12	20 28	0 38	23 14	0 29	18 9	3 50	23 44	23 44	3 0		n.a.
W12	5 47	22 28	0 53	2 49	2 5	16 16	0 42	21 13	1 8	9 10	0 55	23 23	0 11	20 27	0 38	23 15	0 29	18 9	3 50	23 44	23 44	3 3		n.a.
T 13	6 10	23 55	0n12	2 10	2 2	16 42	0 45	21 23	1 8	9 14	0 55	23 23	0 11	20 27	0 38	23 15	0 29	18 9	3 50	23 44	23 44	3 5		n.a.
F 14	6 34	24 11	1 19	1 31	1 58	17 7	0 48	21 34	1 9	9 19	0 55	23 24	0 11	20 27	0 39	23 15	0 29	18 9	3 50	23 44	23 44	3 8		n.a.
S 15	6 57	23 8	2 23	0 51	1 54	17 32	0 50	21 44	1 9	9 24	0 55	23 24	0 11	20 26	0 39	23 15	0 29	18 9	3 50	23 44	23 44	3 11		n.a.
S 16	7 21	20 44	3 22	0 10	1 50	17 56	0 53	21 54	1 9	9 29	0 55	23 24	0 11	20 26	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 14		n.a.
M17	7 44	17 3	4 11	0s32	1 45	18 19	0 56	22 3	1 9	9 34	0 55	23 25	0 11	20 26	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 17		n.a.
T 18	8 7	12 14	4 45	1 14	1 40	18 43	0 58	22 12	1 10	9 39	0 55	23 25	0 11	20 26	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 19		n.a.
W19	8 30	6 35	5 1	1 56	1 34	19 5	1 1	22 22	1 10	9 44	0 55	23 25	0 11	20 25	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 22		n.a.
T 20	8 53	0 25	4 57	2 39	1 29	19 28	1 3	22 31	1 10	9 49	0 55	23 26	0 11	20 25	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 25		n.a.
F 21	9 16	5s50	4 31	3 22	1 23	19 49	1 6	22 39	1 11	9 54	0 55	23 26	0 11	20 25	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 28		n.a.
S 22	9 39	11 42	3 46	4 5	1 17	20 11	1 8	22 48	1 11	9 59	0 54	23 26	0 11	20 24	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 31		n.a.
S 23	10 1	16 48	2 46	4 47	1 11	20 31	1 11	22 56	1 11	10 4	0 54	23 26	0 10	20 24	0 39	23 15	0 29	18 8	3 50	23 44	23 44	3 33		n.a.
M24	10 24	20 43	1 36	5 30	1 4	20 51	1 13	23 4	1 11	10 9	0 54	23 27	0 10	20 24	0 39	23 15	0 29	18 7	3 50	23 44	23 44	3 36		n.a.
T 25	10 46	23 15	0 22	6 13	0 58	21 11	1 15	23 11	1 11	10 14	0 54	23 27	0 10	20 24	0 39	23 15	0 29	18 7	3 50	23 44	23 44	3 39		n.a.
W26	11 8	24 18	0s51	6 55	0 51	21 30	1 18	23 19	1 12	10 19	0 54	23 27	0 10	20 24	0 39	23 15	0 29	18 7	3 50	23 44	23 44	3 42		n.a.
T 27	11 30	23 55	1 59	7 37	0 45	21 48	1 20	23 26	1 12	10 24	0 54	23 28	0 10	20 23	0 39	23 15	0 29	18 7	3 50	23 44	23 44	3 45		n.a.
F 28	11 51	22 15	2 58	8 19	0 38	22 6	1 22	23 33	1 12	10 29	0 54	23 28	0 10	20 23	0 39	23 15	0 29	18 7	3 50	23 44	23 44	3 48		n.a.
S 29	12 13	19 32	3 48	9 1	0 31	22 23	1 25	23 40	1 12	10 33	0 54	23 28	0 10	20 23	0 39	23 15	0 29	18 7	3 50	23 44	23 44	3 50		n.a.
S 30	12 34	16 0	4 26	9 42	0 25	22 39	1 27	23 46	1 12	10 38	0 54	23 28	0 10	20 23	0 39	23 15	0 29	18 7	3 50	23 44	23 44	3 53		n.a.
M31	12s55	11s51	4s52	10s23	0n18	22s55	1s29	23s52	1s13	10s43	0n54	23s29	0n10	20n23	0n39	23s15	0n29	18n 6	3s50	23n44	23n44	3n56		n.a.

Julian Day Number = 1609199.5, Delta T = 03h54m20s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'49, Lahiri = - 8°11'48 Julian Calendar 1 Oct. 308 BCE == Greg. Calendar 26 Sept. 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

NOVEMBER 308 BCE (-307) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 22 51	4♏45'16	23♓22	28♎56	6♐37	14♐ 4	0♏ 5	25♐12	2♑56	0♑36	7°R51	28°R38	29♊50	21♈19	n.a.	T 1
W 2	2 26 48	5°46'16	5♈15	0♏30	7°51	14°51	0°18	25°17	2°57	0°37	7♊50	28♊28	29°46	21°26	n.a.	W 2
T 3	2 30 44	6°47'17	17° 7	2° 5	9° 5	15°38	0°32	25°23	2°57	0°39	7°49	28°18	29°43	21°33	n.a.	T 3
F 4	2 34 41	7°48'19	29° 0	3°39	10°19	16°24	0°45	25°28	2°58	0°40	7°48	28° 7	29°40	21°40	n.a.	F 4
S 5	2 38 37	8°49'22	10♉53	5°13	11°32	17°11	0°59	25°34	2°58	0°42	7°47	27°58	29°37	21°46	n.a.	S 5
S 6	2 42 34	9°50'25	22°51	6°47	12°46	17°58	1°12	25°39	2°59	0°44	7°46	27°50	29°34	21°53	n.a.	S 6
M 7	2 46 30	10°51'30	4♊52	8°22	14° 0	18°44	1°25	25°45	2°59	0°45	7°45	27°45	29°31	22° 0	n.a.	M 7
T 8	2 50 27	11°52'36	17° 1	9°56	15°13	19°31	1°39	25°51	2°59	0°47	7°44	27°43	29°27	22° 6	n.a.	T 8
W 9	2 54 23	12°53'43	29°18	11°30	16°27	20°18	1°52	25°56	2°59	0°48	7°43	27°D42	29°24	22°13	n.a.	W 9
T 10	2 58 20	13°54'51	11♋48	13° 5	17°41	21° 5	2° 5	26° 2	3° 0	0°50	7°42	27°43	29°21	22°20	n.a.	T 10
F 11	3 2 17	14°56'00	24°32	14°39	18°54	21°51	2°19	26° 8	3° 0	0°52	7°41	27°44	29°18	22°27	n.a.	F 11
S 12	3 6 13	15°57'10	7♌35	16°14	20° 8	22°38	2°32	26°14	3°R 0	0°54	7°39	27°45	29°15	22°33	n.a.	S 12
S 13	3 10 10	16°58'21	21° 0	17°48	21°21	23°25	2°45	26°20	3° 0	0°55	7°38	27°R46	29°12	22°40	n.a.	S 13
M14	3 14 6	17°59'33	4♍49	19°23	22°35	24°12	2°59	26°26	3° 0	0°57	7°37	27°44	29° 8	22°47	n.a.	M14
T 15	3 18 3	19° 0'46	19° 4	20°58	23°48	24°59	3°12	26°32	3° 0	0°59	7°36	27°41	29° 5	22°53	n.a.	T 15
W16	3 21 59	20° 1'59	3♎41	22°33	25° 2	25°46	3°25	26°39	2°59	1° 1	7°35	27°37	29° 2	23° 0	n.a.	W16
T 17	3 25 56	21° 3'13	18°37	24° 8	26°15	26°33	3°38	26°45	2°59	1° 2	7°34	27°31	28°59	23° 7	n.a.	T 17
F 18	3 29 52	22° 4'28	3♏44	25°43	27°28	27°20	3°52	26°51	2°59	1° 4	7°33	27°25	28°56	23°13	n.a.	F 18
S 19	3 33 49	23° 5'44	18°51	27°18	28°42	28° 7	4° 5	26°57	2°59	1° 6	7°31	27°21	28°52	23°20	n.a.	S 19
S 20	3 37 46	24° 7'00	3♐51	28°54	29°55	28°54	4°18	27° 4	2°58	1° 8	7°30	27°17	28°49	23°27	n.a.	S 20
M21	3 41 42	25° 8'16	18°33	0♐30	1♑ 8	29°41	4°31	27°10	2°58	1°10	7°29	27°15	28°46	23°34	n.a.	M21
T 22	3 45 39	26° 9'33	2♑51	2° 6	2°21	0♑28	4°44	27°16	2°57	1°12	7°28	27°D15	28°43	23°40	n.a.	T 22
W23	3 49 35	27°10'50	16°42	3°42	3°34	1°15	4°57	27°23	2°57	1°14	7°27	27°16	28°40	23°47	n.a.	W23
T 24	3 53 32	28°12'06	0♒ 6	5°18	4°47	2° 2	5°10	27°29	2°56	1°16	7°25	27°18	28°37	23°54	n.a.	T 24
F 25	3 57 28	29°13'23	13° 4	6°55	6° 0	2°49	5°23	27°36	2°55	1°18	7°24	27°19	28°33	24° 0	n.a.	F 25
S 26	4 1 25	0♐14'39	25°40	8°31	7°13	3°37	5°36	27°43	2°55	1°20	7°23	27°R20	28°30	24° 7	n.a.	S 26
S 27	4 5 22	1°15'56	7♓58	10° 8	8°26	4°24	5°49	27°49	2°54	1°22	7°22	27°20	28°27	24°14	n.a.	S 27
M28	4 9 18	2°17'12	20° 3	11°45	9°39	5°11	6° 2	27°56	2°53	1°24	7°20	27°19	28°24	24°21	n.a.	M28
T 29	4 13 15	3°18'28	1♈59	13°22	10°52	5°58	6°14	28° 2	2°52	1°26	7°19	27°16	28°21	24°27	n.a.	T 29
W30	4 17 11	4♐19'43	13♈51	14♐59	12♑ 5	6♑45	6♏27	28♐ 9	2♑51	1♑28	7♊18	27♊13	28♊18	24♈34	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s16	7s18	5s 4	11s 3	0n11	23s10	1s31	23s58	1s13	10s48	0n54	23s29	0n10	20n23	0n39	23s15	0n29	18n 6	3s50	23n44	23n44	3n59		n.a.
W 2	13 36	2 31	5 3	11 43	0 5	23 25	1 33	24 4	1 13	10 53	0 54	23 29	0 10	20 23	0 39	23 15	0 29	18 6	3 50	23 43	23 44	4 2		n.a.
T 3	13 57	2n22	4 49	12 22	0s 2	23 39	1 35	24 9	1 13	10 58	0 54	23 30	0 9	20 23	0 39	23 15	0 29	18 6	3 50	23 43	23 44	4 4		n.a.
F 4	14 17	7 9	4 23	13 1	0 9	23 52	1 37	24 14	1 13	11 2	0 54	23 30	0 9	20 22	0 39	23 15	0 29	18 6	3 50	23 43	23 44	4 7		n.a.
S 5	14 37	11 43	3 45	13 40	0 15	24 4	1 39	24 19	1 13	11 7	0 54	23 30	0 9	20 22	0 39	23 15	0 29	18 6	3 50	23 43	23 44	4 10		n.a.
S 6	14 57	15 52	2 57	14 17	0 22	24 16	1 40	24 24	1 13	11 12	0 54	23 30	0 9	20 22	0 39	23 15	0 29	18 5	3 50	23 43	23 44	4 13		n.a.
M 7	15 16	19 24	2 0	14 54	0 28	24 27	1 42	24 28	1 13	11 17	0 54	23 31	0 9	20 22	0 40	23 15	0 29	18 5	3 50	23 43	23 44	4 16		n.a.
T 8	15 35	22 8	0 57	15 31	0 34	24 37	1 44	24 32	1 14	11 21	0 54	23 31	0 9	20 22	0 40	23 15	0 29	18 5	3 50	23 43	23 44	4 19		n.a.
W 9	15 54	23 53	0n 9	16 7	0 41	24 47	1 45	24 36	1 14	11 26	0 53	23 31	0 9	20 22	0 40	23 15	0 29	18 5	3 50	23 43	23 44	4 21		n.a.
T 10	16 13	24 27	1 16	16 42	0 47	24 56	1 47	24 39	1 14	11 31	0 53	23 31	0 9	20 22	0 40	23 15	0 29	18 5	3 50	23 43	23 44	4 24		n.a.
F 11	16 31	23 47	2 20	17 16	0 53	25 4	1 48	24 42	1 14	11 35	0 53	23 32	0 9	20 22	0 40	23 15	0 29	18 5	3 50	23 43	23 44	4 27		n.a.
S 12	16 49	21 48	3 19	17 50	0 58	25 11	1 50	24 45	1 14	11 40	0 53	23 32	0 9	20 22	0 40	23 15	0 29	18 4	3 50	23 43	23 44	4 30		n.a.
S 13	17 7	18 36	4 9	18 22	1 4	25 18	1 51	24 48	1 14	11 45	0 53	23 32	0 9	20 22	0 40	23 15	0 29	18 4	3 50	23 43	23 44	4 33		n.a.
M14	17 24	14 17	4 46	18 54	1 10	25 23	1 52	24 50	1 14	11 49	0 53	23 33	0 9	20 22	0 40	23 15	0 29	18 4	3 50	23 43	23 44	4 35		n.a.
T 15	17 41	9 5	5 7	19 25	1 15	25 28	1 53	24 52	1 14	11 54	0 53	23 33	0 8	20 22	0 40	23 15	0 29	18 4	3 50	23 43	23 44	4 38		n.a.
W16	17 58	3 14	5 9	19 55	1 20	25 33	1 55	24 54	1 14	11 58	0 53	23 33	0 8	20 23	0 40	23 15	0 29	18 4	3 50	23 43	23 44	4 41		n.a.
T 17	18 14	2s55	4 50	20 25	1 25	25 36	1 56	24 55	1 14	12 3	0 53	23 33	0 8	20 23	0 40	23 15	0 29	18 4	3 50	23 43	23 44	4 44		n.a.
F 18	18 31	8 59	4 11	20 53	1 30	25 39	1 57	24 56	1 14	12 8	0 53	23 33	0 8	20 23	0 40	23 15	0 29	18 3	3 50	23 42	23 44	4 47		n.a.
S 19	18 46	14 32	3 14	21 20	1 35	25 41	1 57	24 57	1 14	12 12	0 53	23 34	0 8	20 23	0 40	23 15	0 28	18 3	3 50	23 42	23 44	4 50		n.a.
S 20	19 2	19 9	2 4	21 46	1 39	25 42	1 58	24 58	1 14	12 17	0 53	23 34	0 8	20 23	0 40	23 15	0 28	18 3	3 50	23 42	23 44	4 52		n.a.
M21	19 17	22 27	0 47	22 11	1 43	25 43	1 59	24 58	1 14	12 21	0 53	23 34	0 8	20 23	0 40	23 15	0 28	18 3	3 50	23 42	23 44	4 55		n.a.
T 22	19 32	24 13	0s31	22 35	1 47	25 42	2 0	24 58	1 14	12 25	0 53	23 34	0 8	20 23	0 40	23 15	0 28	18 3	3 50	23 42	23 44	4 58		n.a.
W23	19 46	24 24	1 45	22 58	1 51	25 41	2 0	24 58	1 14	12 30	0 53	23 35	0 8	20 23	0 40	23 15	0 28	18 3	3 50	23 42	23 44	5 1		n.a.
T 24	20 0	23 9	2 50	23 19	1 54	25 39	2 1	24 57	1 14	12 34	0 53	23 35	0 8	20 24	0 40	23 15	0 28	18 3	3 50	23 42	23 44	5 4		n.a.
F 25	20 14	20 41	3 45	23 39	1 57	25 36	2 1	24 56	1 14	12 39	0 53	23 35	0 8	20 24	0 40	23 15	0 28	18 2	3 49	23 42	23 43	5 6		n.a.
S 26	20 27	17 18	4 27	23 58	2 0	25 33	2 1	24 55	1 14	12 43	0 53	23 35	0 8	20 24	0 40	23 15	0 28	18 2	3 49	23 42	23 43	5 9		n.a.
S 27	20 40	13 15	4 56	24 16	2 2	25 29	2 1	24 53	1 14	12 47	0 53	23 35	0 7	20 24	0 40	23 15	0 28	18 2	3 49	23 42	23 43	5 12		n.a.
M28	20 52	8 45	5 12	24 31	2 4	25 24	2 2	24 51	1 14	12 52	0 53	23 36	0 7	20 25	0 40	23 15	0 28	18 2	3 49	23 42	23 43	5 15		n.a.
T 29	21 4	3 59	5 13	24 46	2 6	25 18	2 2	24 49	1 14	12 56	0 53	23 36	0 7	20 25	0 40	23 15	0 28	18 2	3 49	23 42	23 43	5 18		n.a.
W30	21s16	0n55	5s 1	24s59	2s 7	25s12	2s 1	24s47	1s14	13s 0	0n53	23s36	0n 7	20n25	0n40	23s15	0n28	18n 2	3s49	23n42	23n43	5n21		n.a.

Julian Day Number = 1609230.5, Delta T = 03h54m19s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'44, Lahiri = - 8°11'44 Julian Calendar 1 Nov. 308 BCE == Greg. Calendar 27 Oct. 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 308 BCE
geocentric

DECEMBER 308 BCE (-307) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 21 8	5♐20'58	25♈42	16♐37	13♑17	7♑32	6♏40	28♐16	2°R50	1♑30	7°R17	27°R 9	28♊14	24♈41	n.a.	T 1
F 2	4 25 4	6°22'14	7♉35	18°14	14°30	8°19	6°52	28°23	2♌49	1°32	7♊15	27♊ 5	28°11	24°47	n.a.	F 2
S 3	4 29 1	7°23'28	19°33	19°50	15°43	9° 7	7° 5	28°30	2°48	1°34	7°14	27° 2	28° 8	24°54	n.a.	S 3
S 4	4 32 57	8°24'43	1♊38	21°27	16°55	9°54	7°17	28°36	2°47	1°36	7°13	26°59	28° 5	25° 1	n.a.	S 4
M 5	4 36 54	9°25'58	13°52	23° 3	18° 7	10°41	7°30	28°43	2°46	1°39	7°12	26°58	28° 2	25° 8	n.a.	M 5
T 6	4 40 51	10°27'12	26°15	24°39	19°20	11°28	7°42	28°50	2°44	1°41	7°10	26°D57	27°58	25°14	n.a.	T 6
W 7	4 44 47	11°28'26	8♋49	26°14	20°32	12°15	7°55	28°57	2°43	1°43	7° 9	26°58	27°55	25°21	n.a.	W 7
T 8	4 48 44	12°29'40	21°35	27°49	21°44	13° 2	8° 7	29° 4	2°42	1°45	7° 8	26°59	27°52	25°28	n.a.	T 8
F 9	4 52 40	13°30'54	4♌34	29°22	22°56	13°50	8°19	29°11	2°40	1°47	7° 7	27° 0	27°49	25°34	n.a.	F 9
S 10	4 56 37	14°32'08	17°48	0♑54	24° 8	14°37	8°31	29°18	2°39	1°49	7° 6	27° 1	27°46	25°41	n.a.	S 10
S 11	5 0 33	15°33'21	1♍17	2°24	25°20	15°24	8°44	29°25	2°38	1°52	7° 4	27° 2	27°43	25°48	n.a.	S 11
M12	5 4 30	16°34'34	15° 3	3°52	26°32	16°11	8°56	29°32	2°36	1°54	7° 3	27°R 2	27°39	25°55	n.a.	M12
T 13	5 8 27	17°35'47	29° 6	5°17	27°44	16°58	9° 8	29°39	2°34	1°56	7° 2	27° 2	27°36	26° 1	n.a.	T 13
W14	5 12 23	18°37'00	13♎24	6°40	28°56	17°45	9°20	29°46	2°33	1°58	7° 1	27° 2	27°33	26° 8	n.a.	W14
T 15	5 16 20	19°38'12	27°55	7°59	0♒ 7	18°33	9°31	29°53	2°31	2° 1	6°59	27° 1	27°30	26°15	n.a.	T 15
F 16	5 20 16	20°39'24	12♏35	9°13	1°19	19°20	9°43	29°59	2°29	2° 3	6°58	27° 0	27°27	26°21	n.a.	F 16
S 17	5 24 13	21°40'36	27°17	10°23	2°30	20° 7	9°55	0♑ 7	2°28	2° 5	6°57	26°59	27°24	26°28	n.a.	S 17
S 18	5 28 9	22°41'47	11♐56	11°27	3°41	20°54	10° 7	0°14	2°26	2° 7	6°56	26°59	27°20	26°35	n.a.	S 18
M19	5 32 6	23°42'57	26°24	12°25	4°53	21°41	10°18	0°21	2°24	2°10	6°55	26°D59	27°17	26°41	n.a.	M19
T 20	5 36 2	24°44'07	10♑35	13°16	6° 4	22°28	10°30	0°28	2°22	2°12	6°54	26°59	27°14	26°48	n.a.	T 20
W21	5 39 59	25°45'16	24°25	13°58	7°15	23°16	10°41	0°36	2°20	2°14	6°52	26°59	27°11	26°55	n.a.	W21
T 22	5 43 56	26°46'23	7♒52	14°31	8°26	24° 3	10°52	0°43	2°18	2°16	6°51	26°R59	27° 8	27° 2	n.a.	T 22
F 23	5 47 52	27°47'30	20°56	14°54	9°36	24°50	11° 4	0°50	2°16	2°19	6°50	26°59	27° 4	27° 8	n.a.	F 23
S 24	5 51 49	28°48'35	3♓38	15° 7	10°47	25°37	11°15	0°57	2°14	2°21	6°49	26°59	27° 1	27°15	n.a.	S 24
S 25	5 55 45	29°49'39	16° 1	15°R 9	11°58	26°24	11°26	1° 4	2°12	2°23	6°48	26°59	26°58	27°22	n.a.	S 25
M26	5 59 42	0♑50'42	28° 9	14°59	13° 8	27°11	11°37	1°11	2°10	2°25	6°47	26°D59	26°55	27°28	n.a.	M26
T 27	6 3 38	1°51'44	10♈ 7	14°38	14°18	27°58	11°48	1°18	2° 8	2°28	6°46	26°59	26°52	27°35	n.a.	T 27
W28	6 7 35	2°52'44	21°59	14° 6	15°28	28°45	11°59	1°25	2° 6	2°30	6°44	26°59	26°49	27°42	n.a.	W28
T 29	6 11 31	3°53'43	3♉50	13°23	16°38	29°32	12° 9	1°33	2° 4	2°32	6°43	27° 0	26°45	27°49	n.a.	T 29
F 30	6 15 28	4°54'40	15°44	12°31	17°48	0♒19	12°20	1°40	2° 2	2°35	6°42	27° 0	26°42	27°55	n.a.	F 30
S 31	6 19 25	5♑55'36	27♉46	11♑30	18♒58	1♒ 6	12♏31	1♑47	1♌59	2♑37	6♊41	27♊ 1	26♊39	28♈ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s27	5n46	4s36	25s10	2s 8	25s 4	2s 1	24s44	1s13	13s 4	0n53	23s36	0n 7	20n25	0n41	23s15	0n28	18n 1	3s49	23n42	23n43	5n23		n.a.
F 2	21 38	10 26	3 59	25 20	2 8	24 56	2 1	24 41	1 13	13 9	0 53	23 36	0 7	20 26	0 41	23 15	0 28	18 1	3 49	23 42	23 43	5 26		n.a.
S 3	21 49	14 45	3 12	25 28	2 8	24 48	2 1	24 38	1 13	13 13	0 53	23 36	0 7	20 26	0 41	23 15	0 28	18 1	3 49	23 42	23 43	5 29		n.a.
S 4	21 59	18 32	2 15	25 34	2 7	24 38	2 0	24 34	1 13	13 17	0 53	23 37	0 7	20 26	0 41	23 15	0 28	18 1	3 49	23 42	23 43	5 32		n.a.
M 5	22 8	21 33	1 12	25 39	2 6	24 28	2 0	24 31	1 13	13 21	0 53	23 37	0 7	20 26	0 41	23 15	0 28	18 1	3 49	23 42	23 43	5 35		n.a.
T 6	22 17	23 37	0 4	25 41	2 4	24 17	1 59	24 26	1 13	13 25	0 53	23 37	0 7	20 27	0 41	23 15	0 28	18 1	3 49	23 42	23 43	5 37		n.a.
W 7	22 26	24 31	1n 5	25 42	2 2	24 5	1 58	24 22	1 13	13 29	0 53	23 37	0 7	20 27	0 41	23 15	0 28	18 1	3 49	23 42	23 43	5 40		n.a.
T 8	22 34	24 9	2 12	25 41	1 58	23 53	1 58	24 17	1 13	13 33	0 53	23 37	0 7	20 27	0 41	23 15	0 28	18 0	3 49	23 42	23 43	5 43		n.a.
F 9	22 42	22 29	3 13	25 38	1 54	23 40	1 57	24 12	1 13	13 37	0 53	23 37	0 6	20 28	0 41	23 15	0 28	18 0	3 49	23 42	23 43	5 46		n.a.
S 10	22 49	19 35	4 6	25 34	1 50	23 27	1 56	24 7	1 12	13 41	0 53	23 37	0 6	20 28	0 41	23 15	0 28	18 0	3 49	23 42	23 43	5 49		n.a.
S 11	22 56	15 35	4 46	25 27	1 44	23 12	1 54	24 2	1 12	13 45	0 53	23 38	0 6	20 29	0 41	23 15	0 28	18 0	3 49	23 42	23 43	5 52		n.a.
M12	23 3	10 43	5 10	25 18	1 38	22 57	1 53	23 56	1 12	13 49	0 53	23 38	0 6	20 29	0 41	23 15	0 28	18 0	3 48	23 42	23 43	5 54		n.a.
T 13	23 9	5 12	5 17	25 8	1 31	22 42	1 52	23 50	1 12	13 53	0 53	23 38	0 6	20 29	0 41	23 15	0 28	18 0	3 48	23 42	23 43	5 57		n.a.
W14	23 14	0s41	5 4	24 56	1 23	22 26	1 50	23 43	1 12	13 56	0 53	23 38	0 6	20 30	0 41	23 15	0 28	18 0	3 48	23 42	23 43	6 0		n.a.
T 15	23 19	6 38	4 32	24 43	1 13	22 9	1 49	23 37	1 11	14 0	0 53	23 38	0 6	20 30	0 41	23 15	0 28	18 0	3 48	23 42	23 43	6 3		n.a.
F 16	23 24	12 17	3 42	24 28	1 3	21 51	1 47	23 30	1 11	14 4	0 53	23 38	0 6	20 31	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 6		n.a.
S 17	23 28	17 14	2 37	24 11	0 52	21 33	1 46	23 23	1 11	14 8	0 53	23 38	0 6	20 31	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 9		n.a.
S 18	23 32	21 8	1 23	23 54	0 40	21 15	1 44	23 15	1 11	14 11	0 53	23 38	0 6	20 32	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 11		n.a.
M19	23 35	23 38	0 3	23 35	0 26	20 55	1 42	23 7	1 11	14 15	0 53	23 38	0 6	20 32	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 14		n.a.
T 20	23 38	24 33	1s15	23 16	0 12	20 36	1 40	22 59	1 10	14 19	0 53	23 38	0 6	20 32	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 17		n.a.
W21	23 40	23 54	2 27	22 56	0n 3	20 15	1 38	22 51	1 10	14 22	0 53	23 38	0 6	20 33	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 20		n.a.
T 22	23 42	21 52	3 28	22 36	0 20	19 55	1 35	22 43	1 10	14 26	0 53	23 38	0 5	20 33	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 23		n.a.
F 23	23 43	18 44	4 17	22 17	0 37	19 33	1 33	22 34	1 10	14 29	0 53	23 38	0 5	20 34	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 25		n.a.
S 24	23 44	14 49	4 51	21 58	0 55	19 12	1 31	22 25	1 9	14 33	0 53	23 38	0 5	20 34	0 41	23 15	0 28	17 59	3 48	23 42	23 42	6 28		n.a.
S 25	23 44	10 21	5 12	21 39	1 13	18 49	1 28	22 16	1 9	14 36	0 53	23 38	0 5	20 35	0 41	23 15	0 28	17 58	3 47	23 42	23 42	6 31		n.a.
M26	23 44	5 35	5 17	21 22	1 31	18 27	1 25	22 6	1 9	14 40	0 53	23 38	0 5	20 35	0 41	23 15	0 28	17 58	3 47	23 42	23 42	6 34		n.a.
T 27	23 43	0 41	5 9	21 6	1 50	18 3	1 23	21 57	1 9	14 43	0 53	23 38	0 5	20 36	0 41	23 15	0 28	17 58	3 47	23 42	23 42	6 37		n.a.
W28	23 42	4n13	4 48	20 51	2 8	17 40	1 20	21 47	1 8	14 46	0 53	23 38	0 5	20 36	0 41	23 15	0 28	17 58	3 47	23 42	23 42	6 40		n.a.
T 29	23 40	8 58	4 14	20 38	2 26	17 16	1 17	21 36	1 8	14 50	0 53	23 38	0 5	20 37	0 41	23 15	0 28	17 58	3 47	23 42	23 42	6 42		n.a.
F 30	23 38	13 25	3 30	20 27	2 42	16 51	1 14	21 26	1 8	14 53	0 53	23 38	0 5	20 37	0 41	23 15	0 28	17 58	3 47	23 42	23 41	6 45		n.a.
S 31	23s36	17n23	2s35	20s17	2n57	16s26	1s11	21s15	1s 7	14s56	0n53	23s38	0n 5	20n38	0n41	23s15	0n28	17n58	3s47	23n42	23n41	6n48		n.a.

Julian Day Number = 1609260.5, Delta T = 03h54m18s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'40, Lahiri = - 8°11'40 Julian Calendar 1 Dec. 308 BCE == Greg. Calendar 26 Nov. 308 BCE

The year -307 astronomical counting style corresponds to year 308 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

JANUARY 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 23 21	6♉56'31	9♊58	10°R24	20♒ 8	1♒53	12♏41	1♉54	1°R57	2♉39	6°R40	27♊ 2	26♊36	28♈ 9	n.a.	S 1
M 2	6 27 18	7°57'24	22°24	9♉13	21°17	2°40	12°51	2° 1	1♌55	2°41	6♊39	27°R 3	26°33	28°15	n.a.	M 2
T 3	6 31 14	8°58'16	5♋ 3	8° 0	22°26	3°27	13° 2	2° 8	1°52	2°44	6°38	27° 2	26°30	28°22	n.a.	T 3
W 4	6 35 11	9°59'07	17°58	6°46	23°35	4°14	13°12	2°15	1°50	2°46	6°37	27° 2	26°26	28°29	n.a.	W 4
T 5	6 39 7	10°59'57	1♌ 8	5°35	24°44	5° 0	13°22	2°22	1°48	2°48	6°36	27° 0	26°23	28°35	n.a.	T 5
F 6	6 43 4	12° 0'45	14°32	4°27	25°53	5°47	13°32	2°29	1°45	2°50	6°35	26°58	26°20	28°42	n.a.	F 6
S 7	6 47 1	13° 1'32	28° 9	3°25	27° 1	6°34	13°42	2°37	1°43	2°53	6°34	26°56	26°17	28°49	n.a.	S 7
S 8	6 50 57	14° 2'17	11♍56	2°29	28°10	7°21	13°51	2°44	1°40	2°55	6°33	26°54	26°14	28°56	n.a.	S 8
M 9	6 54 54	15° 3'02	25°53	1°40	29°18	8° 8	14° 1	2°51	1°38	2°57	6°32	26°52	26°10	29° 2	n.a.	M 9
T 10	6 58 50	16° 3'45	9♎57	0°58	0♓26	8°54	14°10	2°58	1°35	2°59	6°31	26°D51	26° 7	29° 9	n.a.	T 10
W11	7 2 47	17° 4'27	24° 7	0°25	1°34	9°41	14°20	3° 5	1°33	3° 2	6°30	26°51	26° 4	29°16	n.a.	W11
T 12	7 6 43	18° 5'07	8♏20	0° 0	2°41	10°28	14°29	3°12	1°30	3° 4	6°30	26°52	26° 1	29°22	n.a.	T 12
F 13	7 10 40	19° 5'47	22°34	29♐43	3°49	11°14	14°38	3°19	1°28	3° 6	6°29	26°54	25°58	29°29	n.a.	F 13
S 14	7 14 36	20° 6'25	6♐47	29°34	4°56	12° 1	14°47	3°26	1°25	3° 8	6°28	26°55	25°55	29°36	n.a.	S 14
S 15	7 18 33	21° 7'02	20°56	29°D32	6° 3	12°48	14°56	3°33	1°23	3°10	6°27	26°R56	25°51	29°42	n.a.	S 15
M16	7 22 30	22° 7'38	4♑58	29°36	7° 9	13°34	15° 5	3°39	1°20	3°13	6°26	26°56	25°48	29°49	n.a.	M16
T 17	7 26 26	23° 8'11	18°48	29°48	8°16	14°21	15°14	3°46	1°18	3°15	6°25	26°54	25°45	29°56	n.a.	T 17
W18	7 30 23	24° 8'43	2♒23	0♑ 6	9°22	15° 7	15°22	3°53	1°15	3°17	6°25	26°52	25°42	0♉ 3	n.a.	W18
T 19	7 34 19	25° 9'14	15°42	0°29	10°28	15°54	15°31	4° 0	1°12	3°19	6°24	26°47	25°39	0° 9	n.a.	T 19
F 20	7 38 16	26° 9'42	28°42	0°58	11°34	16°40	15°39	4° 7	1°10	3°21	6°23	26°42	25°36	0°16	n.a.	F 20
S 21	7 42 12	27°10'09	11♓23	1°31	12°39	17°27	15°47	4°14	1° 7	3°23	6°22	26°37	25°32	0°23	n.a.	S 21
S 22	7 46 9	28°10'33	23°48	2° 9	13°45	18°13	15°55	4°20	1° 5	3°26	6°22	26°33	25°29	0°29	n.a.	S 22
M23	7 50 5	29°10'55	5♈57	2°51	14°50	18°59	16° 3	4°27	1° 2	3°28	6°21	26°29	25°26	0°36	n.a.	M23
T 24	7 54 2	0♒11'16	17°56	3°37	15°54	19°46	16°11	4°34	0°59	3°30	6°20	26°26	25°23	0°43	n.a.	T 24
W25	7 57 59	1°11'34	29°49	4°27	16°59	20°32	16°19	4°40	0°57	3°32	6°20	26°D25	25°20	0°49	n.a.	W25
T 26	8 1 55	2°11'50	11♉40	5°20	18° 3	21°18	16°26	4°47	0°54	3°34	6°19	26°26	25°16	0°56	n.a.	T 26
F 27	8 5 52	3°12'04	23°34	6°16	19° 6	22° 4	16°34	4°54	0°52	3°36	6°18	26°27	25°13	1° 3	n.a.	F 27
S 28	8 9 48	4°12'16	5♊37	7°14	20°10	22°50	16°41	5° 0	0°49	3°38	6°18	26°29	25°10	1°10	n.a.	S 28
S 29	8 13 45	5°12'25	17°52	8°16	21°13	23°37	16°48	5° 7	0°46	3°40	6°17	26°30	25° 7	1°16	n.a.	S 29
M30	8 17 41	6°12'33	0♋25	9°20	22°16	24°23	16°55	5°13	0°44	3°42	6°17	26°R31	25° 4	1°23	n.a.	M30
T 31	8 21 38	7♒12'38	13♋17	10♑26	23♓18	25♒ 9	17♏ 2	5♑20	0♌41	3♑44	6♊16	26♊29	25♊ 1	1♉30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s33	20n41	1s33	20s 9	3n10	16s 1	1s 7	21s 4	1s 7	14s59	0n53	23s38	0n 5	20n39	0n42	23s15	0n28	17n58	3s47	23n42	23n41	6n51			n.a.
M 2	23 29	23 5	0 26	20 3	3 22	15 35	1 4	20 53	1 7	15 2	0 54	23 38	0 5	20 39	0 42	23 15	0 28	17 58	3 47	23 42	23 41	6 54			n.a.
T 3	23 25	24 22	0n44	19 59	3 30	15 9	1 1	20 42	1 7	15 5	0 54	23 38	0 5	20 40	0 42	23 14	0 28	17 58	3 47	23 42	23 41	6 57			n.a.
W 4	23 21	24 23	1 53	19 57	3 37	14 43	0 57	20 30	1 6	15 8	0 54	23 38	0 5	20 40	0 42	23 14	0 28	17 58	3 46	23 42	23 41	6 59			n.a.
T 5	23 16	23 2	2 58	19 56	3 41	14 17	0 54	20 19	1 6	15 11	0 54	23 38	0 4	20 41	0 42	23 14	0 28	17 58	3 46	23 42	23 41	7 2			n.a.
F 6	23 11	20 23	3 53	19 57	3 43	13 50	0 50	20 7	1 6	15 14	0 54	23 38	0 4	20 41	0 42	23 14	0 28	17 58	3 46	23 42	23 41	7 5			n.a.
S 7	23 5	16 35	4 37	19 59	3 42	13 22	0 46	19 55	1 5	15 17	0 54	23 38	0 4	20 42	0 42	23 14	0 28	17 57	3 46	23 42	23 41	7 8			n.a.
S 8	22 59	11 51	5 5	20 3	3 39	12 55	0 42	19 42	1 5	15 20	0 54	23 38	0 4	20 42	0 42	23 14	0 28	17 57	3 46	23 42	23 41	7 11			n.a.
M 9	22 52	6 28	5 15	20 8	3 35	12 27	0 38	19 30	1 4	15 23	0 54	23 38	0 4	20 43	0 42	23 14	0 28	17 57	3 46	23 42	23 41	7 13			n.a.
T 10	22 45	0 43	5 7	20 15	3 29	11 59	0 34	19 17	1 4	15 26	0 54	23 38	0 4	20 44	0 42	23 14	0 28	17 57	3 46	23 42	23 40	7 16			n.a.
W11	22 38	5s 7	4 41	20 22	3 22	11 31	0 30	19 4	1 4	15 29	0 54	23 38	0 4	20 44	0 42	23 14	0 28	17 57	3 46	23 42	23 40	7 19			n.a.
T 12	22 30	10 43	3 57	20 31	3 13	11 2	0 25	18 51	1 3	15 31	0 54	23 38	0 4	20 45	0 42	23 14	0 28	17 57	3 46	23 42	23 40	7 22			n.a.
F 13	22 21	15 46	2 58	20 40	3 4	10 34	0 21	18 37	1 3	15 34	0 54	23 38	0 4	20 45	0 42	23 14	0 28	17 57	3 45	23 42	23 40	7 25			n.a.
S 14	22 12	19 55	1 49	20 51	2 53	10 5	0 17	18 24	1 3	15 37	0 54	23 37	0 4	20 46	0 42	23 14	0 28	17 57	3 45	23 42	23 40	7 28			n.a.
S 15	22 3	22 52	0 33	21 1	2 43	9 35	0 12	18 10	1 2	15 39	0 54	23 37	0 4	20 46	0 42	23 14	0 28	17 57	3 45	23 42	23 40	7 30			n.a.
M16	21 53	24 22	0s44	21 12	2 31	9 6	0 7	17 56	1 2	15 42	0 54	23 37	0 4	20 47	0 42	23 14	0 28	17 57	3 45	23 42	23 40	7 33			n.a.
T 17	21 43	24 20	1 57	21 24	2 20	8 37	0 3	17 42	1 1	15 44	0 54	23 37	0 4	20 48	0 42	23 14	0 28	17 57	3 45	23 42	23 40	7 36			n.a.
W18	21 33	22 50	3 2	21 36	2 8	8 7	0n 2	17 28	1 1	15 47	0 54	23 37	0 4	20 48	0 42	23 14	0 28	17 57	3 45	23 42	23 40	7 39			n.a.
T 19	21 22	20 5	3 56	21 47	1 57	7 38	0 7	17 14	1 1	15 49	0 54	23 37	0 3	20 49	0 42	23 14	0 28	17 57	3 45	23 42	23 40	7 42			n.a.
F 20	21 11	16 22	4 36	21 59	1 45	7 8	0 12	16 59	1 0	15 52	0 54	23 37	0 3	20 49	0 42	23 14	0 28	17 57	3 45	23 41	23 39	7 44			n.a.
S 21	20 59	12 1	5 1	22 10	1 33	6 38	0 17	16 45	1 0	15 54	0 55	23 37	0 3	20 50	0 42	23 14	0 28	17 57	3 44	23 41	23 39	7 47			n.a.
S 22	20 47	7 15	5 12	22 21	1 22	6 8	0 22	16 30	0 59	15 56	0 55	23 36	0 3	20 51	0 42	23 14	0 28	17 57	3 44	23 41	23 39	7 50			n.a.
M23	20 34	2 19	5 8	22 32	1 10	5 38	0 27	16 15	0 59	15 58	0 55	23 36	0 3	20 51	0 42	23 14	0 28	17 57	3 44	23 41	23 39	7 53			n.a.
T 24	20 21	2n39	4 51	22 42	0 59	5 8	0 33	16 0	0 59	16 1	0 55	23 36	0 3	20 52	0 42	23 14	0 28	17 57	3 44	23 41	23 39	7 56			n.a.
W25	20 8	7 28	4 21	22 51	0 48	4 37	0 38	15 44	0 58	16 3	0 55	23 36	0 3	20 52	0 42	23 14	0 28	17 57	3 44	23 41	23 39	7 59			n.a.
T 26	19 55	12 2	3 40	23 0	0 37	4 7	0 43	15 29	0 58	16 5	0 55	23 36	0 3	20 53	0 42	23 13	0 28	17 57	3 44	23 41	23 39	8 1			n.a.
F 27	19 41	16 9	2 50	23 8	0 27	3 37	0 49	15 13	0 57	16 7	0 55	23 36	0 3	20 54	0 42	23 13	0 28	17 57	3 44	23 41	23 39	8 4			n.a.
S 28	19 27	19 41	1 51	23 16	0 16	3 7	0 54	14 58	0 57	16 9	0 55	23 35	0 3	20 54	0 42	23 13	0 28	17 57	3 44	23 41	23 39	8 7			n.a.
S 29	19 12	22 24	0 47	23 22	0 6	2 36	1 0	14 42	0 56	16 11	0 55	23 35	0 3	20 55	0 42	23 13	0 28	17 57	3 43	23 41	23 38	8 10			n.a.
M30	18 57	24 5	0n21	23 27	0s 3	2 6	1 6	14 26	0 56	16 13	0 55	23 35	0 3	20 55	0 42	23 13	0 28	17 57	3 43	23 41	23 38	8 13			n.a.
T 31	18s42	24n33	1n30	23s32	0s13	1s36	1n11	14s10	0s55	16s15	0n55	23s35	0n 3	20n56	0n42	23s13	0n28	17n57	3s43	23n41	23n38	8n15			n.a.

Julian Day Number = 1609291.5, Delta T = 03h54m17s
Ecliptic obliquity = 23°43'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'36, Lahiri = - 8°11'36 Julian Calendar 1 Jan. 307 BCE == Greg. Calendar 27 Dec. 308 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

FEBRUARY 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 25 34	8♒12'42	26♋30	11♉35	24♓20	25♒55	17♏ 8	5♉26	0°R38	3♉46	6°R16	26°R26	24♊57	1♉36	n.a.	W 1
T 2	8 29 31	9°12'43	10♌ 3	12°45	25°22	26°41	17°15	5°32	0♌36	3°48	6♊15	26♊21	24°54	1°43	n.a.	T 2
F 3	8 33 28	10°12'42	23°54	13°57	26°23	27°27	17°21	5°39	0°33	3°50	6°15	26°14	24°51	1°50	n.a.	F 3
S 4	8 37 24	11°12'39	8♍ 0	15°12	27°24	28°12	17°27	5°45	0°31	3°52	6°14	26° 6	24°48	1°56	n.a.	S 4
S 5	8 41 21	12°12'34	22°16	16°28	28°24	28°58	17°33	5°51	0°28	3°54	6°14	25°59	24°45	2° 3	n.a.	S 5
M 6	8 45 17	13°12'28	6♎35	17°46	29°24	29°44	17°39	5°57	0°26	3°55	6°13	25°53	24°42	2°10	n.a.	M 6
T 7	8 49 14	14°12'19	20°54	19° 5	0♈24	0♓30	17°45	6° 4	0°23	3°57	6°13	25°49	24°38	2°17	n.a.	T 7
W 8	8 53 10	15°12'09	5♏10	20°26	1°23	1°16	17°51	6°10	0°21	3°59	6°13	25°46	24°35	2°23	n.a.	W 8
T 9	8 57 7	16°11'57	19°18	21°48	2°21	2° 1	17°56	6°16	0°18	4° 1	6°12	25°D46	24°32	2°30	n.a.	T 9
F 10	9 1 3	17°11'44	3♐19	23°12	3°19	2°47	18° 1	6°22	0°16	4° 3	6°12	25°47	24°29	2°37	n.a.	F 10
S 11	9 5 0	18°11'28	17°11	24°38	4°17	3°32	18° 6	6°28	0°13	4° 5	6°12	25°48	24°26	2°43	n.a.	S 11
S 12	9 8 56	19°11'11	0♑55	26° 4	5°14	4°18	18°11	6°34	0°11	4° 6	6°11	25°R48	24°22	2°50	n.a.	S 12
M13	9 12 53	20°10'52	14°29	27°33	6°11	5° 4	18°16	6°39	0° 8	4° 8	6°11	25°46	24°19	2°57	n.a.	M13
T 14	9 16 50	21°10'31	27°53	29° 2	7° 7	5°49	18°21	6°45	0° 6	4°10	6°11	25°42	24°16	3° 3	n.a.	T 14
W15	9 20 46	22°10'08	11♒ 5	0♒33	8° 2	6°34	18°25	6°51	0° 3	4°11	6°11	25°35	24°13	3°10	n.a.	W15
T 16	9 24 43	23° 9'43	24° 6	2° 5	8°57	7°20	18°29	6°57	0° 1	4°13	6°11	25°26	24°10	3°17	n.a.	T 16
F 17	9 28 39	24° 9'15	6♓52	3°39	9°51	8° 5	18°33	7° 2	29♋59	4°15	6°11	25°16	24° 7	3°23	n.a.	F 17
S 18	9 32 36	25° 8'46	19°25	5°13	10°45	8°50	18°37	7° 8	29°56	4°16	6°10	25° 5	24° 3	3°30	n.a.	S 18
S 19	9 36 32	26° 8'14	1♈45	6°49	11°38	9°36	18°41	7°13	29°54	4°18	6°10	24°54	24° 0	3°37	n.a.	S 19
M20	9 40 29	27° 7'39	13°52	8°27	12°30	10°21	18°44	7°19	29°52	4°19	6°10	24°44	23°57	3°44	n.a.	M20
T 21	9 44 25	28° 7'03	25°50	10° 6	13°22	11° 6	18°48	7°24	29°50	4°21	6°10	24°37	23°54	3°50	n.a.	T 21
W22	9 48 22	29° 6'24	7♉41	11°46	14°12	11°51	18°51	7°30	29°48	4°22	6°10	24°32	23°51	3°57	n.a.	W22
T 23	9 52 19	0♓ 5'42	19°31	13°27	15° 2	12°36	18°54	7°35	29°45	4°24	6°D10	24°30	23°47	4° 4	n.a.	T 23
F 24	9 56 15	1° 4'59	1♊23	15° 9	15°52	13°21	18°57	7°40	29°43	4°25	6°10	24°D29	23°44	4°10	n.a.	F 24
S 25	10 0 12	2° 4'13	13°24	16°53	16°40	14° 6	18°59	7°45	29°41	4°27	6°10	24°30	23°41	4°17	n.a.	S 25
S 26	10 4 8	3° 3'24	25°39	18°39	17°28	14°51	19° 2	7°50	29°39	4°28	6°10	24°R30	23°38	4°24	n.a.	S 26
M27	10 8 5	4° 2'33	8♋13	20°26	18°14	15°36	19° 4	7°55	29°37	4°30	6°10	24°29	23°35	4°30	n.a.	M27
T 28	10 12 1	5♓ 1'40	21♋10	22♒14	19♈ 0	16♓21	19♏ 6	8♉ 0	29♋35	4♉31	6♊11	24♊26	23♊32	4♉37	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s26	23n39	2n35	23s35	0s22	1s 6	1n17	13s54	0s55	16s17	0n55	23s35	0n 2	20n56	0n42	23s13	0n28	17n57	3s43	23n41	23n38	8n18		n.a.
T 2	18 10	21 22	3 34	23 37	0 31	0 36	1 23	13 38	0 54	16 18	0 55	23 35	0 2	20 57	0 42	23 13	0 28	17 57	3 43	23 41	23 38	8 21		n.a.
F 3	17 54	17 48	4 21	23 38	0 39	0 6	1 29	13 21	0 54	16 20	0 55	23 34	0 2	20 58	0 42	23 13	0 28	17 58	3 43	23 41	23 38	8 24		n.a.
S 4	17 37	13 11	4 53	23 38	0 47	0n24	1 35	13 5	0 53	16 22	0 55	23 34	0 2	20 58	0 42	23 13	0 28	17 58	3 43	23 40	23 38	8 27		n.a.
S 5	17 21	7 48	5 7	23 37	0 55	0 54	1 41	12 48	0 53	16 23	0 56	23 34	0 2	20 59	0 42	23 13	0 28	17 58	3 42	23 40	23 38	8 29		n.a.
M 6	17 4	1 59	5 3	23 34	1 3	1 23	1 47	12 31	0 53	16 25	0 56	23 34	0 2	20 59	0 42	23 13	0 28	17 58	3 42	23 40	23 37	8 32		n.a.
T 7	16 46	3s57	4 39	23 30	1 10	1 53	1 53	12 15	0 52	16 26	0 56	23 33	0 2	21 0	0 42	23 13	0 28	17 58	3 42	23 40	23 37	8 35		n.a.
W 8	16 28	9 40	3 58	23 25	1 17	2 22	1 59	11 58	0 52	16 28	0 56	23 33	0 2	21 0	0 42	23 13	0 28	17 58	3 42	23 40	23 37	8 38		n.a.
T 9	16 10	14 50	3 3	23 18	1 23	2 52	2 5	11 41	0 51	16 29	0 56	23 33	0 2	21 1	0 42	23 13	0 28	17 58	3 42	23 40	23 37	8 41		n.a.
F 10	15 52	19 9	1 58	23 10	1 29	3 21	2 12	11 24	0 51	16 31	0 56	23 33	0 2	21 1	0 42	23 13	0 28	17 58	3 42	23 40	23 37	8 43		n.a.
S 11	15 34	22 20	0 46	23 1	1 35	3 50	2 18	11 6	0 50	16 32	0 56	23 33	0 2	21 2	0 42	23 13	0 28	17 58	3 42	23 40	23 37	8 46		n.a.
S 12	15 15	24 11	0s27	22 50	1 40	4 18	2 24	10 49	0 50	16 33	0 56	23 32	0 2	21 2	0 42	23 13	0 28	17 58	3 41	23 40	23 37	8 49		n.a.
M13	14 56	24 34	1 39	22 37	1 45	4 47	2 31	10 32	0 49	16 35	0 56	23 32	0 2	21 3	0 42	23 13	0 28	17 58	3 41	23 40	23 37	8 52		n.a.
T 14	14 37	23 30	2 43	22 23	1 50	5 15	2 37	10 14	0 49	16 36	0 56	23 32	0 2	21 4	0 42	23 12	0 28	17 58	3 41	23 40	23 36	8 55		n.a.
W15	14 17	21 9	3 38	22 8	1 54	5 43	2 43	9 57	0 48	16 37	0 56	23 32	0 1	21 4	0 42	23 12	0 28	17 59	3 41	23 39	23 36	8 57		n.a.
T 16	13 58	17 44	4 20	21 51	1 57	6 11	2 50	9 39	0 47	16 38	0 56	23 32	0 1	21 5	0 42	23 12	0 28	17 59	3 41	23 39	23 36	9 0		n.a.
F 17	13 38	13 33	4 48	21 32	2 1	6 39	2 56	9 22	0 47	16 39	0 56	23 31	0 1	21 5	0 42	23 12	0 28	17 59	3 41	23 39	23 36	9 3		n.a.
S 18	13 18	8 51	5 2	21 12	2 4	7 6	3 3	9 4	0 46	16 40	0 57	23 31	0 1	21 6	0 42	23 12	0 28	17 59	3 41	23 38	23 36	9 6		n.a.
S 19	12 58	3 54	5 2	20 50	2 6	7 33	3 9	8 46	0 46	16 41	0 57	23 31	0 1	21 6	0 42	23 12	0 28	17 59	3 40	23 38	23 36	9 9		n.a.
M20	12 37	1n 8	4 47	20 26	2 8	7 59	3 16	8 29	0 45	16 42	0 57	23 31	0 1	21 6	0 42	23 12	0 28	17 59	3 40	23 38	23 36	9 11		n.a.
T 21	12 16	6 4	4 20	20 1	2 10	8 26	3 22	8 11	0 45	16 43	0 57	23 30	0 1	21 7	0 42	23 12	0 28	17 59	3 40	23 37	23 35	9 14		n.a.
W22	11 56	10 44	3 42	19 34	2 11	8 52	3 29	7 53	0 44	16 44	0 57	23 30	0 1	21 7	0 42	23 12	0 28	17 59	3 40	23 37	23 35	9 17		n.a.
T 23	11 35	15 1	2 55	19 5	2 12	9 17	3 35	7 35	0 44	16 45	0 57	23 30	0 1	21 8	0 42	23 12	0 28	18 0	3 40	23 37	23 35	9 20		n.a.
F 24	11 13	18 44	2 0	18 35	2 12	9 43	3 41	7 17	0 43	16 45	0 57	23 30	0 1	21 8	0 42	23 12	0 28	18 0	3 40	23 37	23 35	9 23		n.a.
S 25	10 52	21 43	0 59	18 3	2 12	10 8	3 48	6 59	0 43	16 46	0 57	23 30	0 1	21 9	0 42	23 12	0 28	18 0	3 40	23 37	23 35	9 25		n.a.
S 26	10 30	23 46	0n 6	17 30	2 11	10 32	3 54	6 41	0 42	16 47	0 57	23 29	0 1	21 9	0 42	23 12	0 28	18 0	3 39	23 37	23 35	9 28		n.a.
M27	10 9	24 41	1 12	16 54	2 10	10 56	4 1	6 23	0 42	16 47	0 57	23 29	0 1	21 10	0 42	23 12	0 28	18 0	3 39	23 37	23 34	9 31		n.a.
T 28	9s47	24n18	2n17	16s17	2s 8	11n20	4n 7	6s 5	0s41	16s48	0n57	23s29	0n 0	21n10	0n42	23s12	0n28	18n 0	3s39	23n37	23n34	9n34		n.a.

Julian Day Number = 1609322.5, Delta T = 03h54m16s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'32, Lahiri = - 8°11'31 Julian Calendar 1 Feb. 307 BCE == Greg. Calendar 27 Jan. 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

MARCH 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 15 58	6♓ 0'44	4♌32	24♒ 3	19♈45	17♓ 5	19♏ 8	8♑ 5	29°R33	4♑32	6♊11	24°R21	23♊28	4♉44	n.a.	W 1
T 2	10 19 54	6°59'46	18°20	25°54	20°29	17°50	19°10	8°10	29♋31	4°34	6°11	24♊13	23°25	4°50	n.a.	T 2
F 3	10 23 51	7°58'46	2♍33	27°46	21°12	18°35	19°12	8°15	29°29	4°35	6°11	24° 3	23°22	4°57	n.a.	F 3
S 4	10 27 48	8°57'43	17° 4	29°40	21°53	19°19	19°13	8°19	29°27	4°36	6°11	23°52	23°19	5° 4	n.a.	S 4
S 5	10 31 44	9°56'39	1♎47	1♓35	22°34	20° 4	19°14	8°24	29°26	4°37	6°11	23°41	23°16	5°11	n.a.	S 5
M 6	10 35 41	10°55'32	16°33	3°31	23°13	20°49	19°15	8°28	29°24	4°39	6°12	23°31	23°13	5°17	n.a.	M 6
T 7	10 39 37	11°54'24	1♏16	5°29	23°52	21°33	19°16	8°33	29°22	4°40	6°12	23°24	23° 9	5°24	n.a.	T 7
W 8	10 43 34	12°53'13	15°48	7°28	24°28	22°17	19°17	8°37	29°20	4°41	6°12	23°19	23° 6	5°31	n.a.	W 8
T 9	10 47 30	13°52'01	0♐ 5	9°28	25° 4	23° 2	19°17	8°41	29°19	4°42	6°13	23°17	23° 3	5°37	n.a.	T 9
F 10	10 51 27	14°50'47	14° 6	11°30	25°39	23°46	19°17	8°46	29°17	4°43	6°13	23°17	23° 0	5°44	n.a.	F 10
S 11	10 55 23	15°49'31	27°51	13°33	26°12	24°30	19°R17	8°50	29°16	4°44	6°13	23°17	22°57	5°51	n.a.	S 11
S 12	10 59 20	16°48'14	11♑20	15°37	26°43	25°15	19°17	8°54	29°14	4°45	6°14	23°16	22°53	5°57	n.a.	S 12
M13	11 3 16	17°46'55	24°35	17°41	27°13	25°59	19°17	8°58	29°13	4°46	6°14	23°13	22°50	6° 4	n.a.	M13
T 14	11 7 13	18°45'34	7♒38	19°47	27°42	26°43	19°16	9° 2	29°11	4°47	6°15	23° 8	22°47	6°11	n.a.	T 14
W15	11 11 10	19°44'11	20°29	21°53	28° 9	27°27	19°16	9° 6	29°10	4°48	6°15	22°59	22°44	6°17	n.a.	W15
T 16	11 15 6	20°42'46	3♓10	24° 0	28°34	28°11	19°15	9° 9	29° 8	4°49	6°16	22°48	22°41	6°24	n.a.	T 16
F 17	11 19 3	21°41'19	15°40	26° 7	28°57	28°55	19°14	9°13	29° 7	4°50	6°16	22°35	22°38	6°31	n.a.	F 17
S 18	11 22 59	22°39'50	27°59	28°14	29°19	29°39	19°12	9°17	29° 6	4°50	6°17	22°21	22°34	6°37	n.a.	S 18
S 19	11 26 56	23°38'19	10♈ 9	0♈20	29°39	0♈23	19°11	9°20	29° 5	4°51	6°17	22° 7	22°31	6°44	n.a.	S 19
M20	11 30 52	24°36'46	22°10	2°26	29°57	1° 7	19° 9	9°23	29° 4	4°52	6°18	21°55	22°28	6°51	n.a.	M20
T 21	11 34 49	25°35'11	4♉ 4	4°31	0♉13	1°50	19° 8	9°27	29° 2	4°53	6°18	21°45	22°25	6°58	n.a.	T 21
W22	11 38 45	26°33'34	15°53	6°34	0°27	2°34	19° 6	9°30	29° 1	4°53	6°19	21°38	22°22	7° 4	n.a.	W22
T 23	11 42 42	27°31'54	27°41	8°37	0°39	3°18	19° 3	9°33	29° 0	4°54	6°20	21°34	22°18	7°11	n.a.	T 23
F 24	11 46 38	28°30'13	9♊33	10°37	0°49	4° 1	19° 1	9°36	28°59	4°55	6°20	21°32	22°15	7°18	n.a.	F 24
S 25	11 50 35	29°28'29	21°32	12°35	0°57	4°45	18°58	9°39	28°59	4°55	6°21	21°D32	22°12	7°24	n.a.	S 25
S 26	11 54 32	0♈26'44	3♋45	14°30	1° 2	5°28	18°56	9°42	28°58	4°56	6°22	21°R32	22° 9	7°31	n.a.	S 26
M27	11 58 28	1°24'56	16°16	16°23	1° 5	6°12	18°53	9°45	28°57	4°56	6°22	21°31	22° 6	7°38	n.a.	M27
T 28	12 2 25	2°23'06	29°11	18°13	1°R 6	6°55	18°50	9°48	28°56	4°57	6°23	21°29	22° 3	7°44	n.a.	T 28
W29	12 6 21	3°21'14	12♌34	19°59	1° 4	7°39	18°47	9°50	28°55	4°57	6°24	21°24	21°59	7°51	n.a.	W29
T 30	12 10 18	4°19'20	26°25	21°42	1° 0	8°22	18°43	9°53	28°55	4°58	6°25	21°17	21°56	7°58	n.a.	T 30
F 31	12 14 14	5♈17'24	10♍45	23♈22	0♉53	9♈ 5	18♏40	9♑55	28♋54	4♑58	6♊25	21♊ 7	21♊53	8♉ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	9s25	22n31	3n15	15s38	2s 6	11n43	4n14	5s47	0s40	16s48	0n57	23s29	0n 0	21n10	0n42	23s12	0n28	18n 0	3s39	23n37	23n34	9n37			n.a.
T 2	9 3	19 23	4 5	14 58	2 3	12 6	4 20	5 29	0 40	16 48	0 58	23 28	0 0	21 11	0 42	23 12	0 28	18 1	3 39	23 36	23 34	9 39			n.a.
F 3	8 41	15 3	4 40	14 16	2 0	12 28	4 26	5 10	0 39	16 49	0 58	23 28	0 0	21 11	0 42	23 12	0 28	18 1	3 39	23 36	23 34	9 42			n.a.
S 4	8 18	9 45	4 59	13 32	1 56	12 50	4 33	4 52	0 39	16 49	0 58	23 28	0 0	21 12	0 42	23 12	0 28	18 1	3 39	23 35	23 34	9 45			n.a.
S 5	7 56	3 50	4 58	12 47	1 52	13 11	4 39	4 34	0 38	16 49	0 58	23 28	0 0	21 12	0 42	23 12	0 28	18 1	3 38	23 35	23 34	9 48			n.a.
M 6	7 33	2s19	4 37	12 0	1 47	13 32	4 45	4 16	0 38	16 50	0 58	23 28	0s 0	21 12	0 42	23 11	0 28	18 1	3 38	23 34	23 33	9 51			n.a.
T 7	7 11	8 20	3 58	11 11	1 41	13 52	4 51	3 57	0 37	16 50	0 58	23 27	0 0	21 13	0 42	23 11	0 28	18 2	3 38	23 34	23 33	9 53			n.a.
W 8	6 48	13 50	3 4	10 21	1 35	14 11	4 57	3 39	0 37	16 50	0 58	23 27	0 0	21 13	0 42	23 11	0 28	18 2	3 38	23 34	23 33	9 56			n.a.
T 9	6 25	18 28	1 59	9 29	1 29	14 30	5 3	3 21	0 36	16 50	0 58	23 27	0 0	21 13	0 41	23 11	0 28	18 2	3 38	23 34	23 33	9 59			n.a.
F 10	6 2	21 58	0 48	8 36	1 22	14 48	5 9	3 3	0 35	16 50	0 58	23 27	0 0	21 14	0 41	23 11	0 28	18 2	3 38	23 34	23 33	10 2			n.a.
S 11	5 39	24 7	0s24	7 41	1 14	15 6	5 14	2 44	0 35	16 50	0 58	23 27	0 0	21 14	0 41	23 11	0 28	18 2	3 38	23 34	23 33	10 4			n.a.
S 12	5 16	24 48	1 34	6 45	1 6	15 23	5 20	2 26	0 34	16 50	0 58	23 26	0 1	21 14	0 41	23 11	0 28	18 3	3 37	23 34	23 32	10 7			n.a.
M13	4 53	24 3	2 37	5 48	0 58	15 39	5 25	2 8	0 34	16 50	0 58	23 26	0 1	21 14	0 41	23 11	0 28	18 3	3 37	23 33	23 32	10 10			n.a.
T 14	4 30	21 59	3 31	4 50	0 48	15 54	5 31	1 50	0 33	16 49	0 58	23 26	0 1	21 15	0 41	23 11	0 28	18 3	3 37	23 33	23 32	10 13			n.a.
W15	4 7	18 50	4 14	3 51	0 39	16 9	5 36	1 31	0 32	16 49	0 58	23 26	0 1	21 15	0 41	23 11	0 28	18 3	3 37	23 33	23 32	10 16			n.a.
T 16	3 43	14 51	4 43	2 51	0 29	16 23	5 41	1 13	0 32	16 49	0 58	23 26	0 1	21 15	0 41	23 11	0 28	18 3	3 37	23 32	23 32	10 18			n.a.
F 17	3 20	10 17	4 57	1 51	0 19	16 36	5 45	0 55	0 31	16 48	0 59	23 25	0 1	21 16	0 41	23 11	0 28	18 4	3 37	23 31	23 31	10 21			n.a.
S 18	2 57	5 21	4 58	0 50	0 8	16 48	5 50	0 37	0 31	16 48	0 59	23 25	0 1	21 16	0 41	23 11	0 28	18 4	3 37	23 31	23 31	10 24			n.a.
S 19	2 33	0 18	4 45	0n10	0n 3	17 0	5 55	0 18	0 30	16 48	0 59	23 25	0 1	21 16	0 41	23 11	0 28	18 4	3 36	23 30	23 31	10 27			n.a.
M20	2 10	4n43	4 20	1 11	0 14	17 10	5 59	0 0	0 30	16 47	0 59	23 25	0 1	21 16	0 41	23 11	0 28	18 4	3 36	23 29	23 31	10 29			n.a.
T 21	1 47	9 32	3 43	2 11	0 25	17 20	6 3	0n18	0 29	16 47	0 59	23 25	0 1	21 16	0 41	23 11	0 28	18 5	3 36	23 28	23 31	10 32			n.a.
W22	1 23	13 59	2 57	3 11	0 36	17 28	6 6	0 36	0 28	16 46	0 59	23 25	0 1	21 17	0 41	23 11	0 28	18 5	3 36	23 28	23 31	10 35			n.a.
T 23	1 0	17 54	2 3	4 10	0 47	17 36	6 10	0 54	0 28	16 45	0 59	23 24	0 1	21 17	0 41	23 11	0 28	18 5	3 36	23 28	23 30	10 38			n.a.
F 24	0 36	21 7	1 3	5 8	0 58	17 42	6 13	1 12	0 27	16 45	0 59	23 24	0 1	21 17	0 41	23 11	0 28	18 5	3 36	23 28	23 30	10 40			n.a.
S 25	0 13	23 28	0n 0	6 5	1 9	17 47	6 16	1 30	0 27	16 44	0 59	23 24	0 2	21 17	0 41	23 11	0 28	18 6	3 36	23 28	23 30	10 43			n.a.
S 26	0n11	24 45	1 4	7 0	1 19	17 51	6 18	1 48	0 26	16 43	0 59	23 24	0 2	21 17	0 41	23 11	0 28	18 6	3 36	23 28	23 30	10 46			n.a.
M27	0 34	24 50	2 7	7 53	1 29	17 54	6 20	2 6	0 25	16 42	0 59	23 24	0 2	21 17	0 41	23 11	0 28	18 6	3 35	23 27	23 30	10 49			n.a.
T 28	0 58	23 35	3 5	8 45	1 39	17 56	6 22	2 24	0 25	16 41	0 59	23 24	0 2	21 18	0 41	23 11	0 28	18 6	3 35	23 27	23 29	10 52			n.a.
W29	1 21	21 0	3 56	9 35	1 48	17 57	6 23	2 42	0 24	16 40	0 59	23 24	0 2	21 18	0 41	23 11	0 28	18 7	3 35	23 27	23 29	10 54			n.a.
T 30	1 44	17 9	4 34	10 22	1 57	17 56	6 23	3 0	0 24	16 39	0 59	23 24	0 2	21 18	0 41	23 11	0 28	18 7	3 35	23 27	23 29	10 57			n.a.
F 31	2n 8	12n11	4n57	11n 7	2n 5	17n54	6n24	3n18	0s23	16s38	0n59	23s23	0s 2	21n18	0n41	23s11	0n28	18n 7	3s35	23n26	23n29	11n 0			n.a.

Julian Day Number = 1609350.5, Delta T = 03h54m15s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'28, Lahiri = - 8°11'28 Julian Calendar 1 March 307 BCE == Greg. Calendar 24 Feb. 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

APRIL 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 18 11	6♈15'25	25♍29	24♈57	0°R44	9♈48	18°R36	9♑58	28°R54	4♑58	6♊26	20°R57	21♊50	8♉11	n.a.	S 1
S 2	12 22 7	7°13'25	10♎30	26°29	0♉32	10°32	18♏32	10° 0	28♋53	4°59	6°27	20♊46	21°47	8°18	n.a.	S 2
M 3	12 26 4	8°11'24	25°37	27°57	0°18	11°15	18°28	10° 2	28°53	4°59	6°28	20°37	21°44	8°24	n.a.	M 3
T 4	12 30 1	9° 9'20	10♏41	29°21	0° 2	11°58	18°24	10° 4	28°52	4°59	6°29	20°30	21°40	8°31	n.a.	T 4
W 5	12 33 57	10° 7'16	25°33	0♉41	29♈43	12°41	18°19	10° 6	28°52	5° 0	6°30	20°26	21°37	8°38	n.a.	W 5
T 6	12 37 54	11° 5'09	10♐ 7	1°56	29°22	13°24	18°15	10° 8	28°52	5° 0	6°31	20°23	21°34	8°44	n.a.	T 6
F 7	12 41 50	12° 3'02	24°18	3° 8	28°58	14° 6	18°10	10°10	28°51	5° 0	6°32	20°D23	21°31	8°51	n.a.	F 7
S 8	12 45 47	13° 0'53	8♑ 7	4°15	28°33	14°49	18° 5	10°11	28°51	5° 0	6°32	20°R24	21°28	8°58	n.a.	S 8
S 9	12 49 43	13°58'43	21°35	5°17	28° 6	15°32	18° 0	10°13	28°51	5° 0	6°33	20°23	21°24	9° 4	n.a.	S 9
M10	12 53 40	14°56'32	4♒42	6°15	27°36	16°15	17°55	10°15	28°51	5° 0	6°34	20°22	21°21	9°11	n.a.	M10
T 11	12 57 36	15°54'19	17°33	7° 9	27° 5	16°58	17°49	10°16	28°D51	5° 0	6°35	20°18	21°18	9°18	n.a.	T 11
W12	13 1 33	16°52'05	0♓10	7°58	26°32	17°40	17°44	10°17	28°51	5°R 0	6°36	20°11	21°15	9°25	n.a.	W12
T 13	13 5 30	17°49'49	12°36	8°42	25°58	18°23	17°38	10°18	28°51	5° 0	6°38	20° 2	21°12	9°31	n.a.	T 13
F 14	13 9 26	18°47'33	24°51	9°22	25°23	19° 5	17°33	10°20	28°51	5° 0	6°39	19°52	21° 9	9°38	n.a.	F 14
S 15	13 13 23	19°45'14	6♈58	9°57	24°47	19°48	17°27	10°21	28°52	5° 0	6°40	19°40	21° 5	9°45	n.a.	S 15
S 16	13 17 19	20°42'55	18°58	10°27	24°10	20°30	17°21	10°22	28°52	5° 0	6°41	19°29	21° 2	9°51	n.a.	S 16
M17	13 21 16	21°40'34	0♉52	10°52	23°32	21°13	17°15	10°22	28°52	5° 0	6°42	19°20	20°59	9°58	n.a.	M17
T 18	13 25 12	22°38'12	12°42	11°13	22°55	21°55	17° 8	10°23	28°52	5° 0	6°43	19°12	20°56	10° 5	n.a.	T 18
W19	13 29 9	23°35'48	24°30	11°28	22°17	22°37	17° 2	10°24	28°53	5° 0	6°44	19° 6	20°53	10°11	n.a.	W19
T 20	13 33 5	24°33'23	6♊19	11°39	21°39	23°20	16°56	10°24	28°53	4°59	6°45	19° 3	20°50	10°18	n.a.	T 20
F 21	13 37 2	25°30'56	18°11	11°45	21° 2	24° 2	16°49	10°25	28°54	4°59	6°46	19°D 2	20°46	10°25	n.a.	F 21
S 22	13 40 59	26°28'28	0♋11	11°R46	20°25	24°44	16°42	10°25	28°54	4°59	6°48	19° 3	20°43	10°31	n.a.	S 22
S 23	13 44 55	27°25'59	12°24	11°42	19°50	25°26	16°36	10°25	28°55	4°58	6°49	19° 4	20°40	10°38	n.a.	S 23
M24	13 48 52	28°23'28	24°54	11°34	19°15	26° 8	16°29	10°25	28°56	4°58	6°50	19°R 5	20°37	10°45	n.a.	M24
T 25	13 52 48	29°20'56	7♌46	11°22	18°42	26°50	16°22	10°R26	28°56	4°58	6°51	19° 4	20°34	10°51	n.a.	T 25
W26	13 56 45	0♉18'22	21° 4	11° 5	18°10	27°32	16°15	10°25	28°57	4°57	6°52	19° 2	20°30	10°58	n.a.	W26
T 27	14 0 41	1°15'46	4♍50	10°45	17°40	28°14	16° 8	10°25	28°58	4°57	6°54	18°59	20°27	11° 5	n.a.	T 27
F 28	14 4 38	2°13'10	19° 6	10°22	17°12	28°56	16° 1	10°25	28°59	4°56	6°55	18°53	20°24	11°11	n.a.	F 28
S 29	14 8 34	3°10'31	3♎48	9°55	16°46	29°38	15°53	10°25	29° 0	4°56	6°56	18°47	20°21	11°18	n.a.	S 29
S 30	14 12 31	4♉ 7'52	18♎50	9♉26	16♈22	0♉19	15♏46	10♑24	29♋ 1	4♑55	6♊57	18♊40	20♊18	11♉25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n31	6n24	5n 1	11n50	2n13	17n50	6n23	3n35	0s22	16s37	0n59	23s23	0s 2	21n18	0n41	23s11	0n28	18n 7	3s35	23n25	23n29	11n 3		n.a.
S 2	2 54	0 9	4 44	12 30	2 20	17 45	6 22	3 53	0 22	16 36	0 59	23 23	0 2	21 18	0 41	23 11	0 28	18 8	3 35	23 24	23 28	11 5		n.a.
M 3	3 17	6s11	4 8	13 8	2 26	17 39	6 21	4 11	0 21	16 35	0 59	23 23	0 2	21 18	0 41	23 11	0 28	18 8	3 34	23 24	23 28	11 8		n.a.
T 4	3 40	12 8	3 14	13 43	2 31	17 31	6 19	4 28	0 21	16 34	0 59	23 23	0 2	21 18	0 41	23 11	0 28	18 8	3 34	23 23	23 28	11 11		n.a.
W 5	4 3	17 19	2 8	14 16	2 35	17 21	6 16	4 46	0 20	16 33	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 8	3 34	23 23	23 28	11 14		n.a.
T 6	4 26	21 21	0 54	14 46	2 39	17 11	6 13	5 3	0 19	16 31	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 9	3 34	23 23	23 28	11 16		n.a.
F 7	4 49	23 57	0s21	15 14	2 42	16 58	6 9	5 21	0 19	16 30	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 9	3 34	23 23	23 27	11 19		n.a.
S 8	5 12	25 2	1 33	15 39	2 43	16 45	6 4	5 38	0 18	16 29	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 9	3 34	23 23	23 27	11 22		n.a.
S 9	5 35	24 35	2 38	16 1	2 44	16 30	5 59	5 55	0 17	16 27	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 10	3 34	23 23	23 27	11 25		n.a.
M10	5 57	22 46	3 33	16 21	2 44	16 13	5 53	6 12	0 17	16 26	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 10	3 34	23 23	23 27	11 27		n.a.
T 11	6 20	19 49	4 16	16 38	2 43	15 55	5 46	6 30	0 16	16 24	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 10	3 34	23 22	23 27	11 30		n.a.
W12	6 42	15 59	4 45	16 52	2 41	15 36	5 39	6 47	0 16	16 23	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 10	3 33	23 22	23 26	11 33		n.a.
T 13	7 5	11 32	5 1	17 4	2 38	15 16	5 31	7 4	0 15	16 21	0 59	23 23	0 3	21 18	0 41	23 11	0 28	18 11	3 33	23 21	23 26	11 36		n.a.
F 14	7 27	6 41	5 2	17 13	2 34	14 55	5 22	7 20	0 14	16 20	0 59	23 23	0 3	21 18	0 40	23 11	0 28	18 11	3 33	23 20	23 26	11 38		n.a.
S 15	7 49	1 38	4 50	17 20	2 29	14 32	5 12	7 37	0 14	16 18	0 59	23 23	0 3	21 18	0 40	23 11	0 28	18 11	3 33	23 20	23 26	11 41		n.a.
S 16	8 11	3n26	4 25	17 23	2 23	14 9	5 2	7 54	0 13	16 16	0 59	23 23	0 3	21 18	0 40	23 11	0 28	18 12	3 33	23 19	23 26	11 44		n.a.
M17	8 33	8 21	3 48	17 25	2 15	13 45	4 51	8 11	0 13	16 15	0 59	23 23	0 4	21 18	0 40	23 11	0 28	18 12	3 33	23 18	23 25	11 46		n.a.
T 18	8 55	12 57	3 2	17 23	2 7	13 20	4 40	8 27	0 12	16 13	0 59	23 23	0 4	21 18	0 40	23 11	0 28	18 12	3 33	23 17	23 25	11 49		n.a.
W19	9 16	17 4	2 8	17 19	1 58	12 55	4 28	8 44	0 11	16 11	0 59	23 23	0 4	21 18	0 40	23 11	0 28	18 12	3 33	23 17	23 25	11 52		n.a.
T 20	9 38	20 31	1 8	17 13	1 48	12 29	4 16	9 0	0 11	16 9	0 59	23 23	0 4	21 17	0 40	23 11	0 28	18 13	3 32	23 17	23 25	11 55		n.a.
F 21	9 59	23 7	0 5	17 4	1 36	12 3	4 3	9 17	0 10	16 7	0 59	23 23	0 4	21 17	0 40	23 11	0 28	18 13	3 32	23 16	23 24	11 57		n.a.
S 22	10 20	24 44	1n 0	16 53	1 24	11 37	3 50	9 33	0 10	16 5	0 59	23 23	0 4	21 17	0 40	23 11	0 28	18 13	3 32	23 16	23 24	12 0		n.a.
S 23	10 41	25 11	2 3	16 39	1 11	11 11	3 37	9 49	0 9	16 4	0 59	23 23	0 4	21 17	0 40	23 11	0 28	18 14	3 32	23 17	23 24	12 3		n.a.
M24	11 2	24 23	3 1	16 23	0 57	10 45	3 23	10 5	0 8	16 2	0 59	23 23	0 4	21 17	0 40	23 11	0 28	18 14	3 32	23 17	23 24	12 6		n.a.
T 25	11 23	22 17	3 52	16 5	0 42	10 19	3 9	10 21	0 8	16 0	0 59	23 23	0 4	21 17	0 40	23 11	0 28	18 14	3 32	23 17	23 24	12 8		n.a.
W26	11 43	18 57	4 33	15 45	0 26	9 54	2 55	10 37	0 7	15 58	0 59	23 23	0 4	21 16	0 40	23 11	0 28	18 15	3 32	23 16	23 23	12 11		n.a.
T 27	12 3	14 29	4 59	15 24	0 10	9 29	2 41	10 52	0 6	15 56	0 59	23 24	0 5	21 16	0 40	23 11	0 28	18 15	3 32	23 16	23 23	12 14		n.a.
F 28	12 23	9 5	5 8	15 1	0s 6	9 5	2 27	11 8	0 6	15 54	0 59	23 24	0 5	21 16	0 40	23 11	0 28	18 15	3 32	23 16	23 23	12 16		n.a.
S 29	12 43	3 1	4 58	14 36	0 23	8 42	2 13	11 24	0 5	15 52	0 59	23 24	0 5	21 16	0 40	23 11	0 28	18 16	3 32	23 15	23 23	12 19		n.a.
S 30	13n 3	3s21	4n27	14n11	0s40	8n20	1n59	11n39	0s 5	15s50	0n59	23s24	0s 5	21n16	0n40	23s11	0n28	18n16	3s31	23n15	23n22	12n22		n.a.

Julian Day Number = 1609381.5, Delta T = 03h54m14s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'24, Lahiri = - 8°11'23 Julian Calendar 1 Apr. 307 BCE == Greg. Calendar 27 March 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

MAY 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 16 28	5♉ 5'12	4♏ 4	8°R55	16°R 0	1♉ 1	15°R39	10°R24	29♋ 2	4°R54	6♊59	18°R34	20♊15	11♉31	n.a.	M 1
T 2	14 20 24	6° 2'31	19°19	8♉23	15♈40	1°43	15♏31	10♑23	29° 3	4♑54	7° 0	18♊30	20°11	11°38	n.a.	T 2
W 3	14 24 21	6°59'48	4♐25	7°50	15°23	2°24	15°24	10°22	29° 4	4°53	7° 1	18°27	20° 8	11°45	n.a.	W 3
T 4	14 28 17	7°57'06	19°13	7°16	15° 8	3° 6	15°16	10°22	29° 5	4°53	7° 3	18°D26	20° 5	11°51	n.a.	T 4
F 5	14 32 14	8°54'22	3♑38	6°43	14°55	3°47	15° 9	10°21	29° 7	4°52	7° 4	18°27	20° 2	11°58	n.a.	F 5
S 6	14 36 10	9°51'38	17°38	6°10	14°45	4°29	15° 1	10°20	29° 8	4°51	7° 5	18°28	19°59	12° 5	n.a.	S 6
S 7	14 40 7	10°48'54	1♒11	5°39	14°37	5°10	14°54	10°19	29° 9	4°50	7° 7	18°30	19°56	12°11	n.a.	S 7
M 8	14 44 3	11°46'09	14°21	5° 9	14°32	5°52	14°46	10°17	29°11	4°50	7° 8	18°R30	19°52	12°18	n.a.	M 8
T 9	14 48 0	12°43'23	27°10	4°42	14°29	6°33	14°39	10°16	29°12	4°49	7°10	18°29	19°49	12°25	n.a.	T 9
W10	14 51 57	13°40'37	9♓41	4°18	14°D29	7°14	14°31	10°15	29°14	4°48	7°11	18°26	19°46	12°31	n.a.	W10
T 11	14 55 53	14°37'50	21°58	3°58	14°30	7°55	14°23	10°13	29°15	4°47	7°12	18°22	19°43	12°38	n.a.	T 11
F 12	14 59 50	15°35'03	4♈ 4	3°40	14°35	8°37	14°16	10°12	29°17	4°46	7°14	18°17	19°40	12°45	n.a.	F 12
S 13	15 3 46	16°32'16	16° 2	3°27	14°41	9°18	14° 8	10°10	29°18	4°45	7°15	18°12	19°36	12°52	n.a.	S 13
S 14	15 7 43	17°29'28	27°55	3°17	14°49	9°59	14° 0	10° 8	29°20	4°44	7°17	18° 6	19°33	12°58	n.a.	S 14
M15	15 11 39	18°26'39	9♉45	3°12	15° 0	10°40	13°53	10° 7	29°22	4°43	7°18	18° 2	19°30	13° 5	n.a.	M15
T 16	15 15 36	19°23'51	21°34	3°D12	15°13	11°21	13°45	10° 5	29°23	4°42	7°19	17°58	19°27	13°12	n.a.	T 16
W17	15 19 32	20°21'01	3♊23	3°16	15°27	12° 2	13°37	10° 3	29°25	4°41	7°21	17°56	19°24	13°18	n.a.	W17
T 18	15 23 29	21°18'11	15°16	3°24	15°44	12°43	13°30	10° 0	29°27	4°40	7°22	17°D55	19°21	13°25	n.a.	T 18
F 19	15 27 26	22°15'21	27°14	3°37	16° 2	13°24	13°22	9°58	29°29	4°39	7°24	17°55	19°17	13°32	n.a.	F 19
S 20	15 31 22	23°12'30	9♋20	3°55	16°23	14° 5	13°15	9°56	29°31	4°38	7°25	17°56	19°14	13°38	n.a.	S 20
S 21	15 35 19	24° 9'39	21°39	4°17	16°45	14°45	13° 8	9°54	29°33	4°37	7°27	17°58	19°11	13°45	n.a.	S 21
M22	15 39 15	25° 6'47	4♌12	4°44	17° 8	15°26	13° 0	9°51	29°35	4°36	7°28	17°59	19° 8	13°52	n.a.	M22
T 23	15 43 12	26° 3'54	17° 5	5°16	17°34	16° 7	12°53	9°49	29°37	4°35	7°30	18° 0	19° 5	13°58	n.a.	T 23
W24	15 47 8	27° 1'01	0♍20	5°52	18° 1	16°47	12°46	9°46	29°39	4°33	7°31	18°R 0	19° 1	14° 5	n.a.	W24
T 25	15 51 5	27°58'07	13°59	6°32	18°29	17°28	12°39	9°43	29°42	4°32	7°33	18° 0	18°58	14°12	n.a.	T 25
F 26	15 55 1	28°55'13	28° 5	7°17	18°59	18° 8	12°31	9°41	29°44	4°31	7°34	17°58	18°55	14°18	n.a.	F 26
S 27	15 58 58	29°52'18	12♎35	8° 6	19°30	18°49	12°24	9°38	29°46	4°30	7°36	17°56	18°52	14°25	n.a.	S 27
S 28	16 2 55	0♊49'23	27°25	8°59	20° 3	19°29	12°17	9°35	29°48	4°28	7°37	17°54	18°49	14°32	n.a.	S 28
M29	16 6 51	1°46'28	12♏29	9°57	20°37	20°10	12°11	9°32	29°51	4°27	7°39	17°52	18°46	14°38	n.a.	M29
T 30	16 10 48	2°43'33	27°39	10°58	21°12	20°50	12° 4	9°29	29°53	4°26	7°40	17°51	18°42	14°45	n.a.	T 30
W31	16 14 44	3♊40'37	12♐45	12♉ 4	21♈49	21♉31	11♏57	9♑26	29♋56	4♑25	7♊42	17°D50	18♊39	14♉52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	13n23	9s38	3n37	13n44	0s58	7n59	1n45	11n54	0s 4	15s48	0n59	23s24	0s 5	21n15	0n40	23s11	0n28	18n16	3s31	23n14	23n22	12n25			n.a.
T 2	13 42	15 21	2 31	13 18	1 15	7 38	1 31	12 10	0 3	15 46	0 58	23 24	0 5	21 15	0 40	23 11	0 28	18 17	3 31	23 14	23 22	12 27			n.a.
W 3	14 1	20 3	1 15	12 51	1 32	7 19	1 17	12 25	0 3	15 43	0 58	23 24	0 5	21 15	0 40	23 11	0 28	18 17	3 31	23 13	23 22	12 30			n.a.
T 4	14 20	23 22	0s 4	12 24	1 48	7 1	1 4	12 40	0 2	15 41	0 58	23 25	0 5	21 14	0 40	23 11	0 28	18 17	3 31	23 13	23 21	12 33			n.a.
F 5	14 38	25 3	1 22	11 58	2 4	6 44	0 51	12 55	0 2	15 39	0 58	23 25	0 5	21 14	0 40	23 11	0 28	18 17	3 31	23 13	23 21	12 35			n.a.
S 6	14 57	25 4	2 32	11 33	2 19	6 28	0 38	13 9	0 1	15 37	0 58	23 25	0 5	21 14	0 40	23 11	0 28	18 18	3 31	23 14	23 21	12 38			n.a.
S 7	15 15	23 35	3 32	11 9	2 33	6 14	0 26	13 24	0 0	15 35	0 58	23 25	0 5	21 14	0 40	23 11	0 28	18 18	3 31	23 14	23 21	12 41			n.a.
M 8	15 33	20 50	4 18	10 47	2 47	6 0	0 14	13 38	0n 0	15 33	0 58	23 25	0 6	21 13	0 40	23 11	0 28	18 18	3 31	23 14	23 20	12 44			n.a.
T 9	15 51	17 8	4 50	10 26	2 59	5 48	0 2	13 53	0 1	15 31	0 58	23 25	0 6	21 13	0 40	23 11	0 28	18 19	3 31	23 14	23 20	12 46			n.a.
W10	16 8	12 46	5 8	10 8	3 10	5 38	0s10	14 7	0 1	15 28	0 58	23 26	0 6	21 13	0 40	23 11	0 28	18 19	3 30	23 13	23 20	12 49			n.a.
T 11	16 25	7 58	5 11	9 51	3 21	5 28	0 21	14 21	0 2	15 26	0 57	23 26	0 6	21 12	0 40	23 11	0 28	18 19	3 30	23 13	23 20	12 52			n.a.
F 12	16 42	2 56	5 0	9 37	3 29	5 20	0 32	14 35	0 3	15 24	0 57	23 26	0 6	21 12	0 40	23 11	0 28	18 20	3 30	23 13	23 19	12 54			n.a.
S 13	16 59	2n 9	4 36	9 25	3 37	5 13	0 42	14 49	0 3	15 22	0 57	23 26	0 6	21 12	0 40	23 11	0 28	18 20	3 30	23 12	23 19	12 57			n.a.
S 14	17 16	7 8	4 0	9 16	3 44	5 7	0 52	15 3	0 4	15 20	0 57	23 27	0 6	21 11	0 40	23 11	0 28	18 20	3 30	23 12	23 19	13 0			n.a.
M15	17 32	11 51	3 14	9 9	3 49	5 2	1 2	15 17	0 5	15 18	0 57	23 27	0 6	21 11	0 40	23 11	0 28	18 21	3 30	23 11	23 19	13 2			n.a.
T 16	17 48	16 8	2 20	9 5	3 53	4 58	1 11	15 30	0 5	15 15	0 57	23 27	0 6	21 10	0 40	23 11	0 28	18 21	3 30	23 11	23 18	13 5			n.a.
W17	18 3	19 48	1 19	9 4	3 55	4 56	1 20	15 43	0 6	15 13	0 57	23 27	0 6	21 10	0 39	23 11	0 28	18 21	3 30	23 11	23 18	13 8			n.a.
T 18	18 18	22 40	0 15	9 5	3 57	4 54	1 28	15 57	0 6	15 11	0 56	23 28	0 7	21 9	0 39	23 11	0 28	18 22	3 30	23 11	23 18	13 10			n.a.
F 19	18 33	24 33	0n51	9 9	3 57	4 54	1 37	16 10	0 7	15 9	0 56	23 28	0 7	21 9	0 39	23 11	0 28	18 22	3 30	23 11	23 18	13 13			n.a.
S 20	18 48	25 19	1 55	9 16	3 57	4 55	1 44	16 23	0 8	15 7	0 56	23 28	0 7	21 9	0 39	23 11	0 28	18 22	3 30	23 11	23 17	13 16			n.a.
S 21	19 3	24 51	2 55	9 25	3 55	4 56	1 52	16 35	0 8	15 5	0 56	23 28	0 7	21 8	0 39	23 11	0 28	18 22	3 30	23 11	23 17	13 19			n.a.
M22	19 17	23 8	3 48	9 37	3 53	4 59	1 59	16 48	0 9	15 3	0 56	23 29	0 7	21 8	0 39	23 11	0 28	18 23	3 29	23 11	23 17	13 21			n.a.
T 23	19 30	20 12	4 31	9 50	3 49	5 2	2 6	17 1	0 9	15 1	0 56	23 29	0 7	21 7	0 39	23 11	0 28	18 23	3 29	23 11	23 17	13 24			n.a.
W24	19 44	16 10	5 1	10 7	3 44	5 7	2 12	17 13	0 10	14 59	0 56	23 29	0 7	21 7	0 39	23 12	0 28	18 23	3 29	23 11	23 16	13 27			n.a.
T 25	19 57	11 12	5 15	10 25	3 39	5 12	2 18	17 25	0 11	14 57	0 55	23 29	0 7	21 6	0 39	23 12	0 28	18 24	3 29	23 11	23 16	13 29			n.a.
F 26	20 10	5 31	5 11	10 45	3 33	5 18	2 24	17 37	0 11	14 55	0 55	23 30	0 7	21 6	0 39	23 12	0 28	18 24	3 29	23 11	23 16	13 32			n.a.
S 27	20 22	0s38	4 47	11 8	3 26	5 25	2 30	17 49	0 12	14 53	0 55	23 30	0 7	21 5	0 39	23 12	0 28	18 24	3 29	23 11	23 16	13 35			n.a.
S 28	20 34	6 53	4 4	11 32	3 18	5 33	2 35	18 1	0 12	14 51	0 55	23 30	0 7	21 5	0 39	23 12	0 28	18 25	3 29	23 10	23 15	13 37			n.a.
M29	20 46	12 52	3 3	11 58	3 10	5 41	2 40	18 13	0 13	14 49	0 55	23 31	0 8	21 4	0 39	23 12	0 28	18 25	3 29	23 10	23 15	13 40			n.a.
T 30	20 58	18 6	1 49	12 26	3 1	5 50	2 45	18 24	0 14	14 47	0 54	23 31	0 8	21 4	0 39	23 12	0 28	18 25	3 29	23 10	23 15	13 43			n.a.
W31	21n 9	22s 8	0n28	12n55	2s52	6n 0	2s49	18n35	0n14	14s45	0n54	23s31	0s 8	21n 3	0n39	23s12	0n28	18n26	3s29	23n10	23n14	13n45			n.a.

Julian Day Number = 1609411.5, Delta T = 03h54m13s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'20, Lahiri = - 8°11'19 Julian Calendar 1 May 307 BCE == Greg. Calendar 26 Apr. 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

JUNE 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 18 41	4♊37'42	27♐39	13♉14	22♈27	22♉11	11°R51	9°R23	29♋58	4°R23	7♊43	17♊50	18♊36	14♉58	n.a.	T 1
F 2	16 22 37	5°34'47	12♑12	14°27	23° 5	22°51	11♏44	9♑19	0♌ 1	4♑22	7°45	17°51	18°33	15° 5	n.a.	F 2
S 3	16 26 34	6°31'52	26°20	15°45	23°45	23°31	11°38	9°16	0° 3	4°20	7°46	17°52	18°30	15°12	n.a.	S 3
S 4	16 30 31	7°28'57	10♒ 2	17° 6	24°26	24°12	11°32	9°13	0° 6	4°19	7°48	17°53	18°27	15°18	n.a.	S 4
M 5	16 34 27	8°26'03	23°18	18°31	25° 8	24°52	11°25	9° 9	0° 8	4°18	7°49	17°54	18°23	15°25	n.a.	M 5
T 6	16 38 24	9°23'10	6♓10	20° 0	25°51	25°32	11°19	9° 6	0°11	4°16	7°51	17°R54	18°20	15°32	n.a.	T 6
W 7	16 42 20	10°20'16	18°42	21°33	26°35	26°12	11°14	9° 2	0°14	4°15	7°52	17°54	18°17	15°38	n.a.	W 7
T 8	16 46 17	11°17'23	0♈57	23° 9	27°20	26°52	11° 8	8°59	0°16	4°13	7°54	17°53	18°14	15°45	n.a.	T 8
F 9	16 50 13	12°14'31	12°59	24°49	28° 5	27°32	11° 2	8°55	0°19	4°12	7°55	17°53	18°11	15°52	n.a.	F 9
S 10	16 54 10	13°11'39	24°54	26°32	28°52	28°12	10°57	8°51	0°22	4°10	7°57	17°52	18° 7	15°58	n.a.	S 10
S 11	16 58 6	14° 8'48	6♉43	28°19	29°39	28°52	10°51	8°47	0°25	4° 9	7°58	17°52	18° 4	16° 5	n.a.	S 11
M12	17 2 3	15° 5'57	18°32	0♊ 8	0♉27	29°31	10°46	8°43	0°28	4° 7	8° 0	17°51	18° 1	16°12	n.a.	M12
T 13	17 6 0	16° 3'07	0♊22	2° 1	1°16	0♊11	10°41	8°40	0°31	4° 6	8° 1	17°51	17°58	16°18	n.a.	T 13
W14	17 9 56	17° 0'18	12°16	3°56	2° 5	0°51	10°36	8°36	0°34	4° 4	8° 3	17°D51	17°55	16°25	n.a.	W14
T 15	17 13 53	17°57'29	24°17	5°54	2°56	1°31	10°31	8°32	0°36	4° 3	8° 4	17°R51	17°52	16°32	n.a.	T 15
F 16	17 17 49	18°54'40	6♋26	7°54	3°46	2°10	10°27	8°28	0°39	4° 1	8° 6	17°51	17°48	16°38	n.a.	F 16
S 17	17 21 46	19°51'52	18°45	9°56	4°38	2°50	10°22	8°23	0°43	4° 0	8° 7	17°51	17°45	16°45	n.a.	S 17
S 18	17 25 42	20°49'05	1♌16	11°59	5°30	3°30	10°18	8°19	0°46	3°58	8° 9	17°50	17°42	16°52	n.a.	S 18
M19	17 29 39	21°46'17	14° 2	14° 4	6°23	4° 9	10°14	8°15	0°49	3°57	8°10	17°50	17°39	16°58	n.a.	M19
T 20	17 33 36	22°43'31	27° 3	16°10	7°16	4°49	10°10	8°11	0°52	3°55	8°11	17°50	17°36	17° 5	n.a.	T 20
W21	17 37 32	23°40'44	10♍21	18°17	8°10	5°28	10° 6	8° 7	0°55	3°53	8°13	17°49	17°33	17°12	n.a.	W21
T 22	17 41 29	24°37'58	23°58	20°24	9° 4	6° 8	10° 2	8° 3	0°58	3°52	8°14	17°D49	17°29	17°18	n.a.	T 22
F 23	17 45 25	25°35'12	7♎55	22°32	9°59	6°47	9°59	7°58	1° 1	3°50	8°16	17°49	17°26	17°25	n.a.	F 23
S 24	17 49 22	26°32'27	22°10	24°39	10°54	7°26	9°56	7°54	1° 5	3°49	8°17	17°50	17°23	17°32	n.a.	S 24
S 25	17 53 18	27°29'43	6♏42	26°46	11°50	8° 6	9°53	7°50	1° 8	3°47	8°19	17°50	17°20	17°38	n.a.	S 25
M26	17 57 15	28°26'59	21°26	28°52	12°46	8°45	9°50	7°45	1°11	3°45	8°20	17°51	17°17	17°45	n.a.	M26
T 27	18 1 11	29°24'15	6♐18	0♋57	13°43	9°24	9°47	7°41	1°14	3°44	8°22	17°52	17°13	17°52	n.a.	T 27
W28	18 5 8	0♋21'33	21° 9	3° 2	14°40	10° 4	9°44	7°36	1°18	3°42	8°23	17°R52	17°10	17°58	n.a.	W28
T 29	18 9 5	1°18'51	5♑53	5° 5	15°38	10°43	9°42	7°32	1°21	3°41	8°24	17°52	17° 7	18° 5	n.a.	T 29
F 30	18 13 1	2♋16'11	20♑23	7♋ 7	16♉36	11♊22	9♏40	7♑28	1♌25	3♑39	8♊26	17♊50	17♊ 4	18♉12	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n19	24s37	0s54	13n26	2s42	6n10	2s53	18n47	0n15	14s43	0n54	23s32	0s 8	21n 3	0n39	23s12	0n28	18n26	3s29	23n10	23n14	13n48		n.a.
F 2	21 30	25 20	2 11	13 58	2 32	6 21	2 57	18 58	0 15	14 41	0 54	23 32	0 8	21 2	0 39	23 12	0 28	18 26	3 29	23 10	23 14	13 51		n.a.
S 3	21 40	24 22	3 18	14 31	2 21	6 32	3 0	19 8	0 16	14 40	0 54	23 32	0 8	21 1	0 39	23 12	0 28	18 26	3 29	23 10	23 14	13 53		n.a.
S 4	21 50	21 58	4 11	15 5	2 10	6 44	3 4	19 19	0 17	14 38	0 53	23 33	0 8	21 1	0 39	23 12	0 28	18 27	3 29	23 10	23 13	13 56		n.a.
M 5	21 59	18 27	4 49	15 40	1 58	6 57	3 7	19 30	0 17	14 36	0 53	23 33	0 8	21 0	0 39	23 12	0 28	18 27	3 29	23 10	23 13	13 58		n.a.
T 6	22 8	14 9	5 11	16 15	1 46	7 10	3 10	19 40	0 18	14 34	0 53	23 33	0 8	21 0	0 39	23 12	0 28	18 27	3 29	23 10	23 13	14 1		n.a.
W 7	22 16	9 22	5 17	16 52	1 34	7 24	3 12	19 50	0 18	14 33	0 53	23 34	0 8	20 59	0 39	23 12	0 28	18 28	3 28	23 10	23 13	14 4		n.a.
T 8	22 24	4 20	5 9	17 28	1 22	7 37	3 15	20 0	0 19	14 31	0 53	23 34	0 9	20 58	0 39	23 12	0 28	18 28	3 28	23 10	23 12	14 6		n.a.
F 9	22 32	0n47	4 47	18 5	1 10	7 52	3 17	20 10	0 20	14 30	0 52	23 34	0 9	20 58	0 39	23 12	0 28	18 28	3 28	23 10	23 12	14 9		n.a.
S 10	22 40	5 50	4 14	18 42	0 57	8 7	3 19	20 20	0 20	14 28	0 52	23 35	0 9	20 57	0 39	23 12	0 28	18 28	3 28	23 10	23 12	14 12		n.a.
S 11	22 47	10 38	3 29	19 18	0 45	8 22	3 20	20 29	0 21	14 27	0 52	23 35	0 9	20 57	0 39	23 12	0 28	18 29	3 28	23 10	23 11	14 14		n.a.
M12	22 53	15 3	2 36	19 54	0 33	8 37	3 22	20 39	0 21	14 25	0 52	23 35	0 9	20 56	0 39	23 12	0 28	18 29	3 28	23 10	23 11	14 17		n.a.
T 13	23 0	18 55	1 36	20 29	0 20	8 53	3 23	20 48	0 22	14 24	0 51	23 36	0 9	20 55	0 39	23 13	0 28	18 29	3 28	23 10	23 11	14 20		n.a.
W14	23 5	22 2	0 31	21 3	0 9	9 9	3 24	20 57	0 23	14 23	0 51	23 36	0 9	20 55	0 39	23 13	0 28	18 30	3 28	23 10	23 11	14 22		n.a.
T 15	23 11	24 12	0n36	21 36	0n 3	9 25	3 25	21 6	0 23	14 21	0 51	23 37	0 9	20 54	0 39	23 13	0 28	18 30	3 28	23 10	23 10	14 25		n.a.
F 16	23 16	25 16	1 41	22 8	0 14	9 42	3 26	21 14	0 24	14 20	0 51	23 37	0 9	20 53	0 39	23 13	0 28	18 30	3 28	23 10	23 10	14 28		n.a.
S 17	23 20	25 6	2 43	22 37	0 25	9 59	3 27	21 23	0 24	14 19	0 50	23 37	0 9	20 53	0 39	23 13	0 28	18 30	3 28	23 10	23 10	14 30		n.a.
S 18	23 25	23 40	3 38	23 5	0 35	10 16	3 27	21 31	0 25	14 18	0 50	23 38	0 10	20 52	0 39	23 13	0 28	18 31	3 28	23 10	23 9	14 33		n.a.
M19	23 28	21 1	4 24	23 31	0 45	10 33	3 27	21 39	0 25	14 17	0 50	23 38	0 10	20 51	0 39	23 13	0 28	18 31	3 28	23 10	23 9	14 35		n.a.
T 20	23 32	17 17	4 57	23 54	0 54	10 50	3 27	21 47	0 26	14 16	0 50	23 38	0 10	20 50	0 39	23 13	0 28	18 31	3 28	23 10	23 9	14 38		n.a.
W21	23 35	12 37	5 15	24 15	1 3	11 8	3 27	21 55	0 27	14 15	0 50	23 39	0 10	20 50	0 39	23 13	0 28	18 32	3 28	23 10	23 8	14 41		n.a.
T 22	23 37	7 14	5 15	24 33	1 11	11 25	3 27	22 3	0 27	14 14	0 49	23 39	0 10	20 49	0 39	23 13	0 28	18 32	3 28	23 10	23 8	14 43		n.a.
F 23	23 39	1 23	4 58	24 49	1 18	11 43	3 27	22 10	0 28	14 13	0 49	23 39	0 10	20 48	0 39	23 13	0 28	18 32	3 28	23 10	23 8	14 46		n.a.
S 24	23 41	4s41	4 22	25 2	1 24	12 1	3 26	22 17	0 28	14 12	0 49	23 40	0 10	20 48	0 39	23 13	0 28	18 32	3 28	23 10	23 8	14 48		n.a.
S 25	23 43	10 38	3 29	25 11	1 30	12 19	3 26	22 24	0 29	14 11	0 49	23 40	0 10	20 47	0 39	23 13	0 27	18 33	3 28	23 10	23 7	14 51		n.a.
M26	23 43	16 4	2 21	25 18	1 35	12 37	3 25	22 31	0 30	14 11	0 48	23 40	0 10	20 46	0 39	23 13	0 27	18 33	3 28	23 10	23 7	14 54		n.a.
T 27	23 44	20 35	1 4	25 23	1 39	12 55	3 24	22 38	0 30	14 10	0 48	23 41	0 10	20 45	0 39	23 13	0 27	18 33	3 28	23 10	23 7	14 56		n.a.
W28	23 44	23 44	0s18	25 24	1 42	13 13	3 23	22 44	0 31	14 9	0 48	23 41	0 11	20 45	0 39	23 13	0 27	18 33	3 28	23 10	23 6	14 59		n.a.
T 29	23 44	25 14	1 38	25 23	1 45	13 30	3 22	22 51	0 31	14 9	0 48	23 42	0 11	20 44	0 39	23 13	0 27	18 34	3 28	23 10	23 6	15 1		n.a.
F 30	23n43	24s58	2s50	25n19	1n47	13n48	3s20	22n57	0n32	14s 8	0n47	23s42	0s11	20n43	0n39	23s13	0n27	18n34	3s28	23n10	23n 6	15n 4		n.a.

Julian Day Number = 1609442.5, Delta T = 03h54m12s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'16, Lahiri = - 8°11'15 Julian Calendar 1 June 307 BCE == Greg. Calendar 27 May 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

JULY 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 16 58	3♋13'31	4♒32	9♋ 8	17♉34	12♊ 1	9°R38	7°R23	1♌28	3°R37	8♊27	17°R49	17♊ 1	18♉18	n.a.	S 1
S 2	18 20 54	4°10'53	18°18	11° 8	18°33	12°40	9♏36	7♑19	1°31	3♑36	8°29	17♊47	16°58	18°25	n.a.	S 2
M 3	18 24 51	5° 8'16	1♓38	13° 6	19°33	13°19	9°34	7°14	1°35	3°34	8°30	17°44	16°54	18°32	n.a.	M 3
T 4	18 28 47	6° 5'40	14°34	15° 2	20°32	13°58	9°33	7°10	1°38	3°32	8°31	17°43	16°51	18°38	n.a.	T 4
W 5	18 32 44	7° 3'05	27° 9	16°57	21°32	14°37	9°31	7° 5	1°42	3°31	8°33	17°41	16°48	18°45	n.a.	W 5
T 6	18 36 40	8° 0'32	9♈25	18°51	22°33	15°16	9°30	7° 1	1°45	3°29	8°34	17°D41	16°45	18°52	n.a.	T 6
F 7	18 40 37	8°58'00	21°27	20°43	23°33	15°55	9°29	6°56	1°49	3°28	8°35	17°42	16°42	18°58	n.a.	F 7
S 8	18 44 34	9°55'30	3♉21	22°33	24°34	16°34	9°28	6°52	1°52	3°26	8°37	17°43	16°39	19° 5	n.a.	S 8
S 9	18 48 30	10°53'01	15°10	24°22	25°36	17°13	9°28	6°47	1°56	3°24	8°38	17°44	16°35	19°12	n.a.	S 9
M10	18 52 27	11°50'34	26°59	26° 9	26°37	17°51	9°27	6°43	1°59	3°23	8°39	17°46	16°32	19°18	n.a.	M10
T 11	18 56 23	12°48'08	8♊52	27°55	27°39	18°30	9°27	6°39	2° 3	3°21	8°41	17°47	16°29	19°25	n.a.	T 11
W12	19 0 20	13°45'44	20°53	29°39	28°41	19° 9	9°D27	6°34	2° 7	3°19	8°42	17°R48	16°26	19°32	n.a.	W12
T 13	19 4 16	14°43'21	3♋ 4	1♌22	29°44	19°47	9°27	6°30	2°10	3°18	8°43	17°47	16°23	19°38	n.a.	T 13
F 14	19 8 13	15°41'00	15°28	3° 3	0♊47	20°26	9°28	6°25	2°14	3°16	8°44	17°44	16°19	19°45	n.a.	F 14
S 15	19 12 9	16°38'40	28° 5	4°43	1°50	21° 5	9°28	6°21	2°18	3°15	8°46	17°41	16°16	19°52	n.a.	S 15
S 16	19 16 6	17°36'21	10♌56	6°22	2°53	21°43	9°29	6°17	2°21	3°13	8°47	17°36	16°13	19°58	n.a.	S 16
M17	19 20 3	18°34'04	24° 1	7°58	3°57	22°22	9°30	6°12	2°25	3°12	8°48	17°31	16°10	20° 5	n.a.	M17
T 18	19 23 59	19°31'48	7♍20	9°34	5° 1	23° 0	9°31	6° 8	2°29	3°10	8°49	17°27	16° 7	20°12	n.a.	T 18
W19	19 27 56	20°29'33	20°51	11° 8	6° 5	23°39	9°32	6° 4	2°32	3° 9	8°50	17°23	16° 4	20°18	n.a.	W19
T 20	19 31 52	21°27'19	4♎35	12°40	7° 9	24°17	9°34	6° 0	2°36	3° 7	8°52	17°20	16° 0	20°25	n.a.	T 20
F 21	19 35 49	22°25'07	18°30	14°11	8°14	24°56	9°35	5°55	2°40	3° 5	8°53	17°D19	15°57	20°32	n.a.	F 21
S 22	19 39 45	23°22'56	2♏36	15°41	9°18	25°34	9°37	5°51	2°43	3° 4	8°54	17°19	15°54	20°38	n.a.	S 22
S 23	19 43 42	24°20'46	16°51	17° 9	10°23	26°12	9°39	5°47	2°47	3° 2	8°55	17°20	15°51	20°45	n.a.	S 23
M24	19 47 38	25°18'38	1♐14	18°35	11°29	26°51	9°41	5°43	2°51	3° 1	8°56	17°22	15°48	20°52	n.a.	M24
T 25	19 51 35	26°16'31	15°41	20° 1	12°34	27°29	9°44	5°39	2°55	3° 0	8°57	17°R22	15°45	20°58	n.a.	T 25
W26	19 55 32	27°14'25	0♑ 8	21°24	13°40	28° 7	9°46	5°35	2°58	2°58	8°58	17°22	15°41	21° 5	n.a.	W26
T 27	19 59 28	28°12'21	14°31	22°46	14°46	28°45	9°49	5°31	3° 2	2°57	8°59	17°19	15°38	21°12	n.a.	T 27
F 28	20 3 25	29°10'19	28°44	24° 6	15°52	29°23	9°52	5°27	3° 6	2°55	9° 0	17°15	15°35	21°18	n.a.	F 28
S 29	20 7 21	0♌ 8'18	12♒42	25°25	16°58	0♋ 1	9°55	5°23	3°10	2°54	9° 1	17° 9	15°32	21°25	n.a.	S 29
S 30	20 11 18	1° 6'19	26°21	26°42	18° 4	0°39	9°58	5°19	3°13	2°52	9° 2	17° 2	15°29	21°31	n.a.	S 30
M31	20 15 14	2♌ 4'22	9♓39	27♌57	19♊11	1♋18	10♏ 2	5♑16	3♌17	2♑51	9♊ 3	16♊54	15♊25	21♉38	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n42	23s 5	3s50	25n13	1n48	14n 6	3s19	23n 3	0n32	14s 8	0n47	23s42	0s11	20n42	0n39	23s14	0n27	18n34	3s28	23n10	23n 5	15n 7		n.a.
S 2	23 40	19 53	4 35	25 4	1 49	14 24	3 17	23 8	0 33	14 7	0 47	23 43	0 11	20 41	0 39	23 14	0 27	18 34	3 28	23 10	23 5	15 9		n.a.
M 3	23 38	15 44	5 3	24 53	1 49	14 42	3 15	23 14	0 34	14 7	0 47	23 43	0 11	20 41	0 39	23 14	0 27	18 34	3 28	23 10	23 5	15 12		n.a.
T 4	23 35	10 59	5 15	24 40	1 49	15 0	3 14	23 19	0 34	14 7	0 46	23 43	0 11	20 40	0 39	23 14	0 27	18 35	3 28	23 9	23 4	15 14		n.a.
W 5	23 33	5 54	5 12	24 25	1 47	15 17	3 12	23 25	0 35	14 7	0 46	23 44	0 11	20 39	0 39	23 14	0 27	18 35	3 28	23 9	23 4	15 17		n.a.
T 6	23 29	0 43	4 53	24 8	1 46	15 35	3 10	23 30	0 35	14 7	0 46	23 44	0 11	20 38	0 39	23 14	0 27	18 35	3 28	23 9	23 4	15 20		n.a.
F 7	23 26	4n25	4 23	23 49	1 44	15 52	3 8	23 34	0 36	14 7	0 46	23 44	0 11	20 37	0 39	23 14	0 27	18 35	3 28	23 9	23 4	15 22		n.a.
S 8	23 21	9 19	3 41	23 29	1 41	16 9	3 5	23 39	0 37	14 7	0 45	23 45	0 11	20 37	0 39	23 14	0 27	18 36	3 28	23 9	23 3	15 25		n.a.
S 9	23 17	13 52	2 50	23 6	1 38	16 26	3 3	23 43	0 37	14 7	0 45	23 45	0 12	20 36	0 39	23 14	0 27	18 36	3 27	23 10	23 3	15 27		n.a.
M10	23 12	17 54	1 52	22 43	1 34	16 43	3 1	23 48	0 38	14 7	0 45	23 45	0 12	20 35	0 39	23 14	0 27	18 36	3 27	23 10	23 3	15 30		n.a.
T 11	23 6	21 15	0 49	22 18	1 30	16 59	2 58	23 52	0 38	14 7	0 45	23 46	0 12	20 34	0 38	23 14	0 27	18 36	3 27	23 10	23 2	15 32		n.a.
W12	23 1	23 42	0n17	21 51	1 25	17 16	2 56	23 56	0 39	14 7	0 44	23 46	0 12	20 33	0 38	23 14	0 27	18 36	3 27	23 10	23 2	15 35		n.a.
T 13	22 54	25 5	1 23	21 24	1 20	17 32	2 53	23 59	0 39	14 7	0 44	23 46	0 12	20 33	0 38	23 14	0 27	18 37	3 27	23 10	23 2	15 38		n.a.
F 14	22 48	25 14	2 26	20 56	1 15	17 47	2 50	24 3	0 40	14 8	0 44	23 46	0 12	20 32	0 38	23 14	0 27	18 37	3 27	23 10	23 1	15 40		n.a.
S 15	22 41	24 7	3 23	20 26	1 9	18 3	2 47	24 6	0 41	14 8	0 44	23 47	0 12	20 31	0 38	23 14	0 27	18 37	3 27	23 9	23 1	15 43		n.a.
S 16	22 33	21 43	4 11	19 56	1 3	18 18	2 44	24 9	0 41	14 9	0 43	23 47	0 12	20 30	0 38	23 14	0 27	18 37	3 27	23 9	23 1	15 45		n.a.
M17	22 26	18 10	4 46	19 25	0 57	18 33	2 41	24 12	0 42	14 9	0 43	23 47	0 12	20 29	0 38	23 14	0 27	18 37	3 27	23 8	23 0	15 48		n.a.
T 18	22 17	13 40	5 7	18 53	0 50	18 48	2 38	24 15	0 42	14 10	0 43	23 48	0 12	20 28	0 38	23 14	0 27	18 38	3 27	23 8	23 0	15 50		n.a.
W19	22 9	8 26	5 11	18 20	0 43	19 2	2 35	24 17	0 43	14 10	0 43	23 48	0 12	20 27	0 38	23 15	0 27	18 38	3 27	23 8	23 0	15 53		n.a.
T 20	22 0	2 42	4 58	17 47	0 36	19 16	2 32	24 20	0 43	14 11	0 42	23 48	0 12	20 27	0 38	23 15	0 27	18 38	3 27	23 7	22 59	15 55		n.a.
F 21	21 51	3s14	4 27	17 14	0 29	19 30	2 29	24 22	0 44	14 12	0 42	23 48	0 13	20 26	0 38	23 15	0 27	18 38	3 27	23 7	22 59	15 58		n.a.
S 22	21 41	9 5	3 40	16 40	0 21	19 43	2 26	24 24	0 45	14 13	0 42	23 49	0 13	20 25	0 38	23 15	0 27	18 38	3 27	23 7	22 59	16 1		n.a.
S 23	21 31	14 33	2 39	16 5	0 13	19 56	2 22	24 26	0 45	14 14	0 42	23 49	0 13	20 24	0 38	23 15	0 27	18 38	3 27	23 7	22 58	16 3		n.a.
M24	21 20	19 15	1 27	15 31	0 5	20 8	2 19	24 27	0 46	14 14	0 41	23 49	0 13	20 23	0 38	23 15	0 27	18 39	3 27	23 7	22 58	16 6		n.a.
T 25	21 9	22 48	0 9	14 56	0s 3	20 20	2 16	24 29	0 46	14 15	0 41	23 50	0 13	20 22	0 38	23 15	0 27	18 39	3 27	23 8	22 58	16 8		n.a.
W26	20 58	24 53	1s 9	14 21	0 12	20 32	2 12	24 30	0 47	14 16	0 41	23 50	0 13	20 21	0 38	23 15	0 27	18 39	3 27	23 7	22 57	16 11		n.a.
T 27	20 46	25 17	2 22	13 46	0 20	20 43	2 9	24 31	0 47	14 18	0 41	23 50	0 13	20 21	0 38	23 15	0 27	18 39	3 27	23 7	22 57	16 13		n.a.
F 28	20 34	24 1	3 25	13 11	0 29	20 54	2 5	24 32	0 48	14 19	0 40	23 50	0 13	20 20	0 38	23 15	0 27	18 39	3 27	23 7	22 57	16 16		n.a.
S 29	20 22	21 16	4 15	12 36	0 38	21 4	2 1	24 33	0 49	14 20	0 40	23 51	0 13	20 19	0 38	23 15	0 27	18 39	3 27	23 6	22 56	16 18		n.a.
S 30	20 9	17 24	4 49	12 2	0 47	21 14	1 58	24 33	0 49	14 21	0 40	23 51	0 13	20 18	0 38	23 15	0 27	18 40	3 27	23 6	22 56	16 21		n.a.
M31	19n56	12s45	5s 6	11n27	0s56	21n24	1s54	24n33	0n50	14s23	0n40	23s51	0s13	20n17	0n38	23s15	0n27	18n40	3s27	23n 5	22n55	16n23		n.a.

Julian Day Number = 1609472.5, Delta T = 03h54m11s
Ecliptic obliquity = 23°43'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'11, Lahiri = - 8°11'11 Julian Calendar 1 July 307 BCE == Greg. Calendar 26 June 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

AUGUST 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 19 11	3♌ 2'27	22♓35	29♌11	20♊18	1♋56	10♏ 5	5°R12	3♌21	2°R50	9♊ 4	16°R48	15♊22	21♉45	n.a.	T 1
W 2	20 23 7	4° 0'34	5♈10	0♍22	21°25	2°34	10° 9	5♑ 8	3°25	2♑48	9° 5	16♊42	15°19	21°51	n.a.	W 2
T 3	20 27 4	4°58'43	17°27	1°32	22°32	3°11	10°13	5° 5	3°28	2°47	9° 6	16°38	15°16	21°58	n.a.	T 3
F 4	20 31 1	5°56'54	29°30	2°39	23°40	3°49	10°17	5° 1	3°32	2°46	9° 7	16°37	15°13	22° 5	n.a.	F 4
S 5	20 34 57	6°55'07	11♉24	3°44	24°47	4°27	10°21	4°58	3°36	2°44	9° 8	16°D37	15°10	22°11	n.a.	S 5
S 6	20 38 54	7°53'22	23°13	4°47	25°55	5° 5	10°26	4°54	3°40	2°43	9° 9	16°37	15° 6	22°18	n.a.	S 6
M 7	20 42 50	8°51'40	5♊ 3	5°48	27° 3	5°43	10°30	4°51	3°43	2°42	9°10	16°39	15° 3	22°25	n.a.	M 7
T 8	20 46 47	9°50'00	16°59	6°46	28°11	6°21	10°35	4°48	3°47	2°41	9°11	16°R39	15° 0	22°31	n.a.	T 8
W 9	20 50 43	10°48'22	29° 5	7°41	29°19	6°58	10°40	4°45	3°51	2°40	9°12	16°38	14°57	22°38	n.a.	W 9
T 10	20 54 40	11°46'46	11♋26	8°33	0♋28	7°36	10°45	4°42	3°55	2°38	9°12	16°35	14°54	22°45	n.a.	T 10
F 11	20 58 36	12°45'12	24° 4	9°23	1°36	8°14	10°51	4°39	3°58	2°37	9°13	16°30	14°51	22°51	n.a.	F 11
S 12	21 2 33	13°43'40	6♌59	10° 9	2°45	8°51	10°56	4°36	4° 2	2°36	9°14	16°22	14°47	22°58	n.a.	S 12
S 13	21 6 30	14°42'10	20°13	10°51	3°54	9°29	11° 2	4°33	4° 6	2°35	9°15	16°13	14°44	23° 5	n.a.	S 13
M14	21 10 26	15°40'42	3♍43	11°29	5° 3	10° 7	11° 7	4°30	4° 9	2°34	9°15	16° 3	14°41	23°11	n.a.	M14
T 15	21 14 23	16°39'16	17°26	12° 3	6°12	10°44	11°13	4°27	4°13	2°33	9°16	15°53	14°38	23°18	n.a.	T 15
W16	21 18 19	17°37'52	1♎20	12°33	7°21	11°22	11°20	4°24	4°17	2°32	9°17	15°45	14°35	23°25	n.a.	W16
T 17	21 22 16	18°36'30	15°21	12°58	8°31	11°59	11°26	4°22	4°21	2°31	9°17	15°38	14°31	23°31	n.a.	T 17
F 18	21 26 12	19°35'09	29°26	13°18	9°40	12°36	11°32	4°19	4°24	2°30	9°18	15°34	14°28	23°38	n.a.	F 18
S 19	21 30 9	20°33'51	13♏33	13°33	10°50	13°14	11°39	4°17	4°28	2°29	9°19	15°33	14°25	23°45	n.a.	S 19
S 20	21 34 5	21°32'34	27°41	13°41	12° 0	13°51	11°45	4°15	4°32	2°28	9°19	15°D33	14°22	23°51	n.a.	S 20
M21	21 38 2	22°31'19	11♐48	13°R43	13°10	14°28	11°52	4°12	4°35	2°27	9°20	15°R33	14°19	23°58	n.a.	M21
T 22	21 41 59	23°30'06	25°53	13°39	14°20	15° 6	11°59	4°10	4°39	2°26	9°20	15°33	14°16	24° 5	n.a.	T 22
W23	21 45 55	24°28'54	9♑55	13°28	15°30	15°43	12° 6	4° 8	4°42	2°25	9°21	15°30	14°12	24°11	n.a.	W23
T 24	21 49 52	25°27'45	23°51	13° 9	16°41	16°20	12°14	4° 6	4°46	2°24	9°21	15°26	14° 9	24°18	n.a.	T 24
F 25	21 53 48	26°26'37	7♒40	12°44	17°51	16°57	12°21	4° 4	4°50	2°24	9°22	15°18	14° 6	24°25	n.a.	F 25
S 26	21 57 45	27°25'31	21°17	12°11	19° 2	17°34	12°28	4° 3	4°53	2°23	9°22	15° 8	14° 3	24°31	n.a.	S 26
S 27	22 1 41	28°24'28	4♓41	11°30	20°12	18°11	12°36	4° 1	4°57	2°22	9°23	14°56	14° 0	24°38	n.a.	S 27
M28	22 5 38	29°23'26	17°47	10°43	21°23	18°49	12°44	3°59	5° 0	2°21	9°23	14°44	13°57	24°45	n.a.	M28
T 29	22 9 34	0♍22'27	0♈36	9°49	22°34	19°26	12°52	3°58	5° 4	2°21	9°24	14°32	13°53	24°51	n.a.	T 29
W30	22 13 31	1°21'30	13° 6	8°50	23°45	20° 2	13° 0	3°56	5° 7	2°20	9°24	14°22	13°50	24°58	n.a.	W30
T 31	22 17 27	2♍20'36	25♈21	7♍46	24♋56	20♋39	13♏ 8	3♑55	5♌11	2♑19	9♊24	14♊14	13♊47	25♉ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19n43	7s40	5s 7	10n53	1s 5	21n32	1s50	24n33	0n50	14s24	0n39	23s51	0s13	20n16	0n38	23s15	0n27	18n40	3s27	23n 4	22n55	16n26			n.a.
W 2	19 29	2 23	4 53	10 19	1 15	21 41	1 47	24 33	0 51	14 25	0 39	23 51	0 14	20 15	0 38	23 15	0 27	18 40	3 27	23 4	22 55	16 28			n.a.
T 3	19 15	2n51	4 25	9 45	1 24	21 48	1 43	24 33	0 51	14 27	0 39	23 52	0 14	20 14	0 38	23 15	0 27	18 40	3 27	23 3	22 54	16 31			n.a.
F 4	19 1	7 54	3 47	9 12	1 33	21 56	1 39	24 33	0 52	14 28	0 39	23 52	0 14	20 14	0 39	23 15	0 27	18 40	3 28	23 3	22 54	16 33			n.a.
S 5	18 46	12 36	2 58	8 40	1 43	22 3	1 35	24 32	0 53	14 30	0 38	23 52	0 14	20 13	0 39	23 15	0 27	18 40	3 28	23 3	22 54	16 36			n.a.
S 6	18 31	16 49	2 3	8 8	1 52	22 9	1 31	24 31	0 53	14 32	0 38	23 52	0 14	20 12	0 39	23 15	0 27	18 41	3 28	23 3	22 53	16 38			n.a.
M 7	18 16	20 23	1 2	7 37	2 1	22 14	1 28	24 30	0 54	14 33	0 38	23 52	0 14	20 11	0 39	23 16	0 27	18 41	3 28	23 3	22 53	16 41			n.a.
T 8	18 0	23 7	0n 2	7 7	2 11	22 19	1 24	24 29	0 54	14 35	0 38	23 53	0 14	20 10	0 39	23 16	0 27	18 41	3 28	23 3	22 53	16 43			n.a.
W 9	17 44	24 50	1 6	6 38	2 20	22 24	1 20	24 28	0 55	14 37	0 38	23 53	0 14	20 9	0 39	23 16	0 27	18 41	3 28	23 3	22 52	16 46			n.a.
T 10	17 28	25 23	2 9	6 10	2 29	22 28	1 16	24 26	0 55	14 39	0 37	23 53	0 14	20 8	0 39	23 16	0 27	18 41	3 28	23 3	22 52	16 48			n.a.
F 11	17 11	24 37	3 7	5 43	2 38	22 31	1 12	24 24	0 56	14 40	0 37	23 53	0 14	20 7	0 39	23 16	0 27	18 41	3 28	23 2	22 52	16 51			n.a.
S 12	16 55	22 33	3 56	5 17	2 47	22 34	1 8	24 22	0 56	14 42	0 37	23 53	0 14	20 6	0 39	23 16	0 27	18 41	3 28	23 2	22 51	16 53			n.a.
S 13	16 37	19 14	4 34	4 53	2 55	22 36	1 5	24 20	0 57	14 44	0 37	23 54	0 14	20 6	0 39	23 16	0 27	18 41	3 28	23 1	22 51	16 56			n.a.
M14	16 20	14 52	4 57	4 31	3 3	22 38	1 1	24 18	0 58	14 46	0 36	23 54	0 14	20 5	0 39	23 16	0 27	18 41	3 28	23 0	22 50	16 58			n.a.
T 15	16 2	9 40	5 4	4 11	3 11	22 38	0 57	24 16	0 58	14 48	0 36	23 54	0 15	20 4	0 39	23 16	0 27	18 41	3 28	22 58	22 50	17 1			n.a.
W16	15 44	3 56	4 53	3 52	3 19	22 39	0 53	24 13	0 59	14 51	0 36	23 54	0 15	20 3	0 39	23 16	0 27	18 42	3 28	22 58	22 50	17 3			n.a.
T 17	15 26	2s 3	4 24	3 36	3 26	22 38	0 49	24 10	0 59	14 53	0 36	23 54	0 15	20 2	0 39	23 16	0 27	18 42	3 28	22 57	22 49	17 6			n.a.
F 18	15 8	7 59	3 40	3 22	3 33	22 37	0 45	24 7	1 0	14 55	0 36	23 54	0 15	20 1	0 39	23 16	0 27	18 42	3 28	22 56	22 49	17 8			n.a.
S 19	14 49	13 32	2 42	3 11	3 38	22 36	0 41	24 4	1 0	14 57	0 35	23 55	0 15	20 0	0 39	23 16	0 27	18 42	3 28	22 56	22 49	17 11			n.a.
S 20	14 30	18 22	1 34	3 3	3 44	22 34	0 38	24 1	1 1	14 59	0 35	23 55	0 15	19 59	0 39	23 16	0 26	18 42	3 28	22 56	22 48	17 13			n.a.
M21	14 11	22 9	0 20	2 59	3 48	22 31	0 34	23 57	1 2	15 2	0 35	23 55	0 15	19 59	0 39	23 16	0 26	18 42	3 28	22 56	22 48	17 15			n.a.
T 22	13 51	24 35	0s55	2 57	3 51	22 27	0 30	23 54	1 2	15 4	0 35	23 55	0 15	19 58	0 39	23 16	0 26	18 42	3 28	22 56	22 48	17 18			n.a.
W23	13 31	25 27	2 6	2 59	3 54	22 23	0 26	23 50	1 3	15 7	0 35	23 55	0 15	19 57	0 39	23 16	0 26	18 42	3 28	22 56	22 47	17 20			n.a.
T 24	13 11	24 41	3 9	3 6	3 55	22 18	0 23	23 46	1 3	15 9	0 34	23 55	0 15	19 56	0 39	23 16	0 26	18 42	3 28	22 56	22 47	17 23			n.a.
F 25	12 51	22 26	4 0	3 16	3 54	22 13	0 19	23 42	1 4	15 11	0 34	23 55	0 15	19 55	0 39	23 16	0 26	18 42	3 28	22 55	22 46	17 25			n.a.
S 26	12 31	18 55	4 36	3 30	3 52	22 7	0 15	23 38	1 4	15 14	0 34	23 56	0 15	19 54	0 39	23 16	0 26	18 42	3 28	22 54	22 46	17 28			n.a.
S 27	12 10	14 30	4 57	3 49	3 49	22 0	0 12	23 33	1 5	15 17	0 34	23 56	0 15	19 53	0 39	23 16	0 26	18 42	3 28	22 52	22 46	17 30			n.a.
M28	11 50	9 29	5 1	4 12	3 43	21 53	0 8	23 29	1 6	15 19	0 34	23 56	0 15	19 53	0 39	23 16	0 26	18 42	3 28	22 51	22 45	17 33			n.a.
T 29	11 29	4 11	4 50	4 39	3 36	21 45	0 5	23 24	1 6	15 22	0 33	23 56	0 15	19 52	0 39	23 16	0 26	18 42	3 28	22 49	22 45	17 35			n.a.
W30	11 7	1n11	4 25	5 10	3 26	21 36	0 1	23 19	1 7	15 24	0 33	23 56	0 16	19 51	0 39	23 17	0 26	18 42	3 28	22 48	22 44	17 37			n.a.
T 31	10n46	6n23	3s48	5n45	3s15	21n27	0n 3	23n14	1n 7	15s27	0n33	23s56	0s16	19n50	0n39	23s17	0n26	18n42	3s28	22n47	22n44	17n40			n.a.

Julian Day Number = 1609503.5, Delta T = 03h54m09s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'07, Lahiri = - 8°11'07 Julian Calendar 1 Aug. 307 BCE == Greg. Calendar 27 July 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

SEPTEMBER 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 21 24	3♍19'43	7♉22	6°R39	26♋ 8	21♋16	13♏17	3°R54	5♌14	2°R19	9♊25	14°R 9	13♊44	25♉11	n.a.	F 1
S 2	22 25 21	4°18'53	19°15	5♍30	27°19	21°53	13°25	3♑53	5°17	2♑18	9°25	14♊ 7	13°41	25°18	n.a.	S 2
S 3	22 29 17	5°18'06	1♊ 3	4°21	28°31	22°30	13°34	3°52	5°21	2°18	9°25	14° 6	13°37	25°24	n.a.	S 3
M 4	22 33 14	6°17'21	12°53	3°14	29°42	23° 7	13°42	3°51	5°24	2°17	9°26	14° 6	13°34	25°31	n.a.	M 4
T 5	22 37 10	7°16'39	24°49	2°10	0♌54	23°44	13°51	3°50	5°28	2°17	9°26	14° 5	13°31	25°38	n.a.	T 5
W 6	22 41 7	8°15'59	6♋57	1°13	2° 6	24°20	14° 0	3°49	5°31	2°16	9°26	14° 4	13°28	25°44	n.a.	W 6
T 7	22 45 3	9°15'21	19°23	0°22	3°18	24°57	14° 9	3°49	5°34	2°16	9°26	14° 0	13°25	25°51	n.a.	T 7
F 8	22 49 0	10°14'46	2♌ 9	29♌40	4°30	25°34	14°18	3°48	5°37	2°16	9°26	13°53	13°22	25°58	n.a.	F 8
S 9	22 52 56	11°14'13	15°18	29° 7	5°42	26°10	14°28	3°48	5°41	2°15	9°26	13°44	13°18	26° 4	n.a.	S 9
S 10	22 56 53	12°13'42	28°50	28°45	6°54	26°47	14°37	3°47	5°44	2°15	9°27	13°33	13°15	26°11	n.a.	S 10
M11	23 0 50	13°13'14	12♍43	28°33	8° 7	27°23	14°47	3°47	5°47	2°15	9°27	13°20	13°12	26°18	n.a.	M11
T 12	23 4 46	14°12'47	26°53	28°D33	9°19	28° 0	14°56	3°47	5°50	2°14	9°27	13° 8	13° 9	26°24	n.a.	T 12
W13	23 8 43	15°12'23	11♎14	28°43	10°31	28°36	15° 6	3°D47	5°53	2°14	9°27	12°57	13° 6	26°31	n.a.	W13
T 14	23 12 39	16°12'00	25°40	29° 4	11°44	29°13	15°16	3°47	5°56	2°14	9°R27	12°49	13° 2	26°38	n.a.	T 14
F 15	23 16 36	17°11'40	10♏ 6	29°35	12°57	29°49	15°26	3°47	6° 0	2°14	9°27	12°43	12°59	26°44	n.a.	F 15
S 16	23 20 32	18°11'21	24°27	0♍15	14° 9	0♌25	15°36	3°48	6° 3	2°14	9°27	12°40	12°56	26°51	n.a.	S 16
S 17	23 24 29	19°11'05	8♐39	1° 3	15°22	1° 1	15°46	3°48	6° 6	2°14	9°27	12°40	12°53	26°58	n.a.	S 17
M18	23 28 25	20°10'50	22°42	1°59	16°35	1°38	15°57	3°48	6° 9	2°14	9°27	12°40	12°50	27° 4	n.a.	M18
T 19	23 32 22	21°10'37	6♑36	3° 2	17°48	2°14	16° 7	3°49	6°12	2°D14	9°27	12°39	12°47	27°11	n.a.	T 19
W20	23 36 18	22°10'26	20°19	4°12	19° 1	2°50	16°18	3°50	6°14	2°14	9°26	12°37	12°43	27°18	n.a.	W20
T 21	23 40 15	23°10'16	3♒53	5°26	20°14	3°26	16°28	3°50	6°17	2°14	9°26	12°31	12°40	27°24	n.a.	T 21
F 22	23 44 12	24°10'09	17°18	6°45	21°28	4° 2	16°39	3°51	6°20	2°14	9°26	12°23	12°37	27°31	n.a.	F 22
S 23	23 48 8	25°10'03	0♓31	8° 8	22°41	4°38	16°50	3°52	6°23	2°14	9°26	12°13	12°34	27°37	n.a.	S 23
S 24	23 52 5	26° 9'59	13°32	9°34	23°54	5°14	17° 1	3°53	6°26	2°14	9°26	12° 0	12°31	27°44	n.a.	S 24
M25	23 56 1	27° 9'57	26°20	11° 3	25° 8	5°50	17°12	3°55	6°28	2°14	9°25	11°47	12°28	27°51	n.a.	M25
T 26	23 59 58	28° 9'57	8♈55	12°35	26°21	6°25	17°23	3°56	6°31	2°15	9°25	11°34	12°24	27°57	n.a.	T 26
W27	0 3 54	29° 9'59	21°16	14° 8	27°35	7° 1	17°34	3°57	6°34	2°15	9°25	11°23	12°21	28° 4	n.a.	W27
T 28	0 7 51	0♎10'03	3♉24	15°43	28°48	7°37	17°45	3°59	6°36	2°15	9°25	11°15	12°18	28°11	n.a.	T 28
F 29	0 11 47	1°10'09	15°22	17°19	0♍ 2	8°13	17°57	4° 0	6°39	2°15	9°24	11° 9	12°15	28°17	n.a.	F 29
S 30	0 15 44	2♎10'18	27♉12	18♍55	1♍16	8♌48	18♏ 8	4♑ 2	6♌41	2♑16	9♊24	11♊ 6	12♊12	28♉24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n24	11n17	3s 2	6n22	3s 2	21n17	0n 6	23n 9	1n 8	15s30	0n33	23s56	0s16	19n49	0n39	23s17	0n26	18n42	3s28	22n47	22n44	17n42		n.a.
S 2	10 3	15 42	2 8	7 2	2 46	21 6	0 9	23 3	1 8	15 33	0 33	23 56	0 16	19 48	0 39	23 17	0 26	18 42	3 28	22 46	22 43	17 45		n.a.
S 3	9 41	19 30	1 9	7 43	2 30	20 55	0 13	22 58	1 9	15 35	0 32	23 56	0 16	19 48	0 39	23 17	0 26	18 42	3 28	22 46	22 43	17 47		n.a.
M 4	9 19	22 31	0 6	8 24	2 12	20 43	0 16	22 52	1 9	15 38	0 32	23 56	0 16	19 47	0 39	23 17	0 26	18 42	3 28	22 46	22 43	17 49		n.a.
T 5	8 57	24 34	0n57	9 5	1 52	20 31	0 19	22 46	1 10	15 41	0 32	23 57	0 16	19 46	0 39	23 17	0 26	18 42	3 28	22 46	22 42	17 52		n.a.
W 6	8 34	25 31	1 58	9 44	1 32	20 18	0 23	22 40	1 11	15 44	0 32	23 57	0 16	19 45	0 39	23 17	0 26	18 42	3 28	22 46	22 42	17 54		n.a.
T 7	8 12	25 12	2 55	10 21	1 12	20 5	0 26	22 34	1 11	15 47	0 32	23 57	0 16	19 44	0 39	23 17	0 26	18 42	3 28	22 46	22 41	17 57		n.a.
F 8	7 49	23 34	3 45	10 55	0 52	19 50	0 29	22 28	1 12	15 50	0 31	23 57	0 16	19 44	0 39	23 17	0 26	18 42	3 28	22 45	22 41	17 59		n.a.
S 9	7 26	20 39	4 25	11 25	0 32	19 36	0 32	22 22	1 12	15 53	0 31	23 57	0 16	19 43	0 39	23 17	0 26	18 42	3 28	22 44	22 41	18 1		n.a.
S 10	7 3	16 33	4 51	11 51	0 13	19 20	0 35	22 15	1 13	15 56	0 31	23 57	0 16	19 42	0 39	23 17	0 26	18 42	3 28	22 42	22 40	18 4		n.a.
M11	6 40	11 29	5 0	12 12	0n 5	19 4	0 38	22 8	1 13	15 59	0 31	23 57	0 16	19 41	0 39	23 17	0 26	18 42	3 28	22 41	22 40	18 6		n.a.
T 12	6 17	5 42	4 52	12 28	0 22	18 48	0 41	22 2	1 14	16 2	0 31	23 57	0 16	19 41	0 39	23 17	0 26	18 42	3 28	22 39	22 39	18 9		n.a.
W13	5 54	0s26	4 25	12 40	0 38	18 31	0 44	21 55	1 15	16 5	0 30	23 57	0 16	19 40	0 39	23 17	0 26	18 42	3 28	22 38	22 39	18 11		n.a.
T 14	5 31	6 37	3 41	12 46	0 53	18 13	0 46	21 48	1 15	16 8	0 30	23 57	0 16	19 39	0 39	23 17	0 26	18 42	3 28	22 37	22 39	18 13		n.a.
F 15	5 7	12 27	2 43	12 47	1 6	17 55	0 49	21 40	1 16	16 11	0 30	23 57	0 17	19 38	0 39	23 17	0 26	18 42	3 28	22 36	22 38	18 16		n.a.
S 16	4 44	17 35	1 35	12 44	1 17	17 37	0 52	21 33	1 16	16 14	0 30	23 57	0 17	19 38	0 39	23 17	0 26	18 42	3 28	22 36	22 38	18 18		n.a.
S 17	4 20	21 40	0 21	12 36	1 27	17 17	0 54	21 26	1 17	16 17	0 30	23 57	0 17	19 37	0 39	23 17	0 26	18 42	3 29	22 36	22 37	18 20		n.a.
M18	3 56	24 25	0s53	12 23	1 36	16 58	0 57	21 18	1 18	16 20	0 30	23 57	0 17	19 36	0 39	23 17	0 26	18 42	3 29	22 36	22 37	18 23		n.a.
T 19	3 32	25 37	2 3	12 7	1 43	16 38	0 59	21 10	1 18	16 24	0 29	23 57	0 17	19 35	0 39	23 17	0 26	18 42	3 29	22 36	22 37	18 25		n.a.
W20	3 8	25 13	3 5	11 47	1 50	16 17	1 2	21 3	1 19	16 27	0 29	23 57	0 17	19 35	0 39	23 17	0 26	18 42	3 29	22 35	22 36	18 28		n.a.
T 21	2 45	23 20	3 56	11 24	1 54	15 56	1 4	20 55	1 19	16 30	0 29	23 57	0 17	19 34	0 39	23 17	0 26	18 42	3 29	22 35	22 36	18 30		n.a.
F 22	2 21	20 10	4 33	10 58	1 58	15 34	1 6	20 47	1 20	16 33	0 29	23 57	0 17	19 33	0 39	23 17	0 26	18 42	3 29	22 33	22 35	18 32		n.a.
S 23	1 57	16 0	4 55	10 29	2 1	15 12	1 9	20 38	1 20	16 37	0 29	23 58	0 17	19 33	0 39	23 17	0 26	18 42	3 29	22 32	22 35	18 35		n.a.
S 24	1 33	11 10	5 1	9 57	2 2	14 50	1 11	20 30	1 21	16 40	0 29	23 58	0 17	19 32	0 40	23 17	0 26	18 42	3 29	22 30	22 34	18 37		n.a.
M25	1 8	5 55	4 51	9 24	2 3	14 27	1 13	20 22	1 22	16 43	0 28	23 58	0 17	19 31	0 40	23 17	0 26	18 42	3 29	22 29	22 34	18 39		n.a.
T 26	0 44	0 31	4 28	8 49	2 3	14 3	1 15	20 13	1 22	16 47	0 28	23 58	0 17	19 31	0 40	23 17	0 26	18 42	3 29	22 27	22 34	18 42		n.a.
W27	0 20	4n49	3 52	8 11	2 2	13 40	1 17	20 5	1 23	16 50	0 28	23 58	0 17	19 30	0 40	23 17	0 26	18 42	3 29	22 25	22 33	18 44		n.a.
T 28	0s 4	9 53	3 6	7 33	2 0	13 15	1 18	19 56	1 23	16 53	0 28	23 58	0 17	19 29	0 40	23 17	0 25	18 42	3 29	22 24	22 33	18 46		n.a.
F 29	0 28	14 32	2 12	6 53	1 58	12 51	1 20	19 47	1 24	16 57	0 28	23 58	0 17	19 29	0 40	23 17	0 25	18 42	3 29	22 23	22 32	18 49		n.a.
S 30	0s52	18n35	1s13	6n12	1n56	12n26	1n22	19n38	1n25	17s 0	0n28	23s58	0s17	19n28	0n40	23s17	0n25	18n42	3s29	22n23	22n32	18n51		n.a.

Julian Day Number = 1609534.5, Delta T = 03h54m08s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°18'03, Lahiri = - 8°11'03 Julian Calendar 1 Sept. 307 BCE == Greg. Calendar 27 Aug. 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

OCTOBER 307 BCE (-306) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1s17	21n53	0s11	5n30	1n52	12n 0	1n24	19n29	1n25	17s 3	0n28	23s58	0s17	19n28	0n40	23s17	0n25	18n41	3s29	22n23	22n31	18n53			n.a.
M 2	1 41	24 16	0n52	4 48	1 49	11 35	1 25	19 20	1 26	17 7	0 27	23 58	0 17	19 27	0 40	23 17	0 25	18 41	3 29	22 23	22 31	18 56			n.a.
T 3	2 5	25 35	1 53	4 5	1 45	11 9	1 26	19 11	1 26	17 10	0 27	23 58	0 18	19 26	0 40	23 17	0 25	18 41	3 29	22 23	22 31	18 58			n.a.
W 4	2 29	25 43	2 50	3 21	1 40	10 42	1 28	19 2	1 27	17 13	0 27	23 58	0 18	19 26	0 40	23 17	0 25	18 41	3 29	22 23	22 30	19 0			n.a.
T 5	2 53	24 34	3 40	2 37	1 35	10 16	1 29	18 52	1 28	17 17	0 27	23 58	0 18	19 25	0 40	23 17	0 25	18 41	3 29	22 23	22 30	19 2			n.a.
F 6	3 17	22 9	4 22	1 53	1 30	9 49	1 30	18 43	1 28	17 20	0 27	23 58	0 18	19 25	0 40	23 18	0 25	18 41	3 29	22 22	22 29	19 5			n.a.
S 7	3 41	18 31	4 50	1 8	1 25	9 21	1 31	18 33	1 29	17 24	0 27	23 58	0 18	19 24	0 40	23 18	0 25	18 41	3 29	22 21	22 29	19 7			n.a.
S 8	4 6	13 48	5 4	0 24	1 20	8 54	1 33	18 23	1 29	17 27	0 26	23 57	0 18	19 24	0 40	23 18	0 25	18 41	3 29	22 20	22 28	19 9			n.a.
M 9	4 29	8 13	5 0	0s21	1 14	8 26	1 34	18 14	1 30	17 31	0 26	23 57	0 18	19 23	0 40	23 18	0 25	18 41	3 29	22 18	22 28	19 12			n.a.
T 10	4 53	2 3	4 37	1 6	1 8	7 58	1 34	18 4	1 31	17 34	0 26	23 57	0 18	19 23	0 40	23 18	0 25	18 41	3 29	22 17	22 28	19 14			n.a.
W11	5 17	4s21	3 55	1 51	1 2	7 30	1 35	17 54	1 31	17 38	0 26	23 57	0 18	19 22	0 40	23 18	0 25	18 41	3 29	22 16	22 27	19 16			n.a.
T 12	5 41	10 34	2 57	2 35	0 56	7 1	1 36	17 44	1 32	17 41	0 26	23 57	0 18	19 22	0 40	23 18	0 25	18 40	3 29	22 15	22 27	19 18			n.a.
F 13	6 5	16 13	1 46	3 20	0 49	6 32	1 37	17 34	1 32	17 44	0 26	23 57	0 18	19 21	0 40	23 18	0 25	18 40	3 29	22 14	22 26	19 21			n.a.
S 14	6 28	20 50	0 29	4 4	0 43	6 3	1 37	17 24	1 33	17 48	0 26	23 57	0 18	19 21	0 40	23 18	0 25	18 40	3 29	22 14	22 26	19 23			n.a.
S 15	6 52	24 5	0s48	4 48	0 37	5 34	1 38	17 14	1 34	17 51	0 25	23 57	0 18	19 20	0 40	23 18	0 25	18 40	3 29	22 14	22 25	19 25			n.a.
M16	7 15	25 43	2 2	5 32	0 30	5 5	1 38	17 3	1 34	17 55	0 25	23 57	0 18	19 20	0 40	23 18	0 25	18 40	3 29	22 14	22 25	19 28			n.a.
T 17	7 39	25 41	3 7	6 15	0 23	4 35	1 38	16 53	1 35	17 58	0 25	23 57	0 18	19 19	0 40	23 18	0 25	18 40	3 29	22 14	22 25	19 30			n.a.
W18	8 2	24 6	3 59	6 59	0 17	4 6	1 39	16 43	1 35	18 2	0 25	23 57	0 18	19 19	0 40	23 18	0 25	18 40	3 29	22 14	22 24	19 32			n.a.
T 19	8 25	21 11	4 38	7 41	0 10	3 36	1 39	16 32	1 36	18 5	0 25	23 57	0 18	19 19	0 40	23 18	0 25	18 40	3 29	22 14	22 24	19 34			n.a.
F 20	8 48	17 14	5 1	8 24	0 4	3 6	1 39	16 22	1 37	18 9	0 25	23 57	0 18	19 18	0 40	23 18	0 25	18 39	3 29	22 13	22 23	19 37			n.a.
S 21	9 11	12 34	5 8	9 6	0s 3	2 36	1 39	16 11	1 37	18 12	0 25	23 57	0 18	19 18	0 41	23 18	0 25	18 39	3 29	22 12	22 23	19 39			n.a.
S 22	9 33	7 26	5 0	9 47	0 9	2 6	1 39	16 0	1 38	18 16	0 25	23 57	0 19	19 18	0 41	23 18	0 25	18 39	3 29	22 11	22 22	19 41			n.a.
M23	9 56	2 5	4 38	10 28	0 16	1 36	1 39	15 50	1 39	18 19	0 24	23 57	0 19	19 17	0 41	23 18	0 25	18 39	3 29	22 9	22 22	19 43			n.a.
T 24	10 18	3n17	4 3	11 9	0 22	1 5	1 39	15 39	1 39	18 23	0 24	23 56	0 19	19 17	0 41	23 18	0 25	18 39	3 29	22 8	22 21	19 46			n.a.
W25	10 40	8 29	3 17	11 49	0 29	0 35	1 38	15 28	1 40	18 26	0 24	23 56	0 19	19 17	0 41	23 18	0 25	18 39	3 29	22 7	22 21	19 48			n.a.
T 26	11 2	13 18	2 23	12 29	0 35	0 4	1 38	15 17	1 40	18 29	0 24	23 56	0 19	19 16	0 41	23 18	0 25	18 39	3 29	22 6	22 21	19 50			n.a.
F 27	11 24	17 35	1 23	13 8	0 41	0s26	1 38	15 7	1 41	18 33	0 24	23 56	0 19	19 16	0 41	23 18	0 25	18 39	3 29	22 6	22 20	19 52			n.a.
S 28	11 46	21 10	0 20	13 46	0 48	0 56	1 37	14 56	1 42	18 36	0 24	23 56	0 19	19 16	0 41	23 18	0 25	18 38	3 29	22 5	22 20	19 54			n.a.
S 29	12 7	23 51	0n44	14 24	0 54	1 27	1 37	14 45	1 42	18 40	0 24	23 56	0 19	19 16	0 41	23 18	0 25	18 38	3 29	22 5	22 19	19 57			n.a.
M30	12 29	25 31	1 47	15 1	1 0	1 57	1 36	14 34	1 43	18 43	0 24	23 56	0 19	19 15	0 41	23 18	0 25	18 38	3 29	22 6	22 19	19 59			n.a.
T 31	12s50	26n 1	2n45	15s37	1s 5	2s28	1n35	14n23	1n44	18s46	0n23	23s56	0s19	19n15	0n41	23s18	0n25	18n38	3s29	22n 6	22n18	20n 1			n.a.

Julian Day Number = 1609564.5, Delta T = 03h54m07s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'59, Lahiri = - 8°10'58 Julian Calendar 1 Oct. 307 BCE == Greg. Calendar 26 Sept. 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

NOVEMBER 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 21 54	4♏30'20	23♋ 3	10♏18	11♎ 3	27♌17	24♏50	5♑46	7♌37	2♑45	9°R 2	9♊12	10♊30	1♊57	n.a.	W 1
T 2	2 25 50	5°31'21	5♌24	11°52	12°18	27°51	25° 3	5°50	7°38	2°46	9♊ 1	9°R13	10°27	2° 3	n.a.	T 2
F 3	2 29 47	6°32'23	18° 5	13°25	13°33	28°24	25°16	5°55	7°39	2°48	9° 0	9°12	10°24	2°10	n.a.	F 3
S 4	2 33 43	7°33'27	1♍12	14°59	14°48	28°57	25°30	6° 0	7°40	2°49	8°58	9°10	10°20	2°17	n.a.	S 4
S 5	2 37 40	8°34'32	14°46	16°33	16° 3	29°31	25°43	6° 5	7°41	2°51	8°57	9° 7	10°17	2°23	n.a.	S 5
M 6	2 41 37	9°35'38	28°49	18° 6	17°19	0♍ 4	25°57	6° 9	7°41	2°52	8°56	9° 2	10°14	2°30	n.a.	M 6
T 7	2 45 33	10°36'45	13♎18	19°40	18°34	0°37	26°11	6°14	7°42	2°54	8°55	8°58	10°11	2°37	n.a.	T 7
W 8	2 49 30	11°37'53	28°10	21°13	19°49	1°10	26°24	6°19	7°43	2°55	8°54	8°54	10° 8	2°43	n.a.	W 8
T 9	2 53 26	12°39'02	13♏15	22°47	21° 4	1°43	26°38	6°25	7°43	2°57	8°53	8°51	10° 5	2°50	n.a.	T 9
F 10	2 57 23	13°40'12	28°26	24°20	22°20	2°15	26°51	6°30	7°44	2°58	8°52	8°49	10° 1	2°57	n.a.	F 10
S 11	3 1 19	14°41'22	13♐31	25°54	23°35	2°48	27° 5	6°35	7°44	3° 0	8°51	8°D49	9°58	3° 3	n.a.	S 11
S 12	3 5 16	15°42'33	28°23	27°27	24°50	3°21	27°19	6°40	7°44	3° 2	8°50	8°50	9°55	3°10	n.a.	S 12
M13	3 9 12	16°43'45	12♑56	29° 0	26° 5	3°53	27°32	6°46	7°45	3° 3	8°49	8°51	9°52	3°16	n.a.	M13
T 14	3 13 9	17°44'57	27° 6	0♐33	27°21	4°25	27°46	6°51	7°45	3° 5	8°48	8°53	9°49	3°23	n.a.	T 14
W15	3 17 6	18°46'10	10♒51	2° 6	28°36	4°58	28° 0	6°57	7°45	3° 7	8°46	8°54	9°45	3°30	n.a.	W15
T 16	3 21 2	19°47'22	24°13	3°39	29°51	5°30	28°14	7° 2	7°45	3° 9	8°45	8°R54	9°42	3°36	n.a.	T 16
F 17	3 24 59	20°48'35	7♓14	5°11	1♏ 7	6° 2	28°28	7° 8	7°R45	3°10	8°44	8°53	9°39	3°43	n.a.	F 17
S 18	3 28 55	21°49'48	19°57	6°43	2°22	6°34	28°41	7°14	7°45	3°12	8°43	8°51	9°36	3°50	n.a.	S 18
S 19	3 32 52	22°51'01	2♈24	8°15	3°37	7° 6	28°55	7°20	7°45	3°14	8°42	8°49	9°33	3°56	n.a.	S 19
M20	3 36 48	23°52'14	14°38	9°45	4°53	7°37	29° 9	7°25	7°45	3°16	8°41	8°47	9°30	4° 3	n.a.	M20
T 21	3 40 45	24°53'28	26°43	11°15	6° 8	8° 9	29°23	7°31	7°45	3°18	8°39	8°44	9°26	4°10	n.a.	T 21
W22	3 44 41	25°54'42	8♉40	12°44	7°24	8°40	29°37	7°37	7°44	3°20	8°38	8°42	9°23	4°16	n.a.	W22
T 23	3 48 38	26°55'56	20°32	14°12	8°39	9°12	29°50	7°43	7°44	3°22	8°37	8°41	9°20	4°23	n.a.	T 23
F 24	3 52 35	27°57'10	2♊21	15°39	9°54	9°43	0♐ 4	7°49	7°44	3°23	8°36	8°40	9°17	4°30	n.a.	F 24
S 25	3 56 31	28°58'25	14° 9	17° 3	11°10	10°14	0°18	7°55	7°43	3°25	8°35	8°D40	9°14	4°36	n.a.	S 25
S 26	4 0 28	29°59'39	25°57	18°26	12°25	10°45	0°32	8° 2	7°43	3°27	8°33	8°41	9°11	4°43	n.a.	S 26
M27	4 4 24	1♐ 0'55	7♋49	19°46	13°40	11°16	0°46	8° 8	7°43	3°29	8°32	8°42	9° 7	4°50	n.a.	M27
T 28	4 8 21	2° 2'10	19°48	21° 4	14°56	11°46	1° 0	8°14	7°42	3°31	8°31	8°42	9° 4	4°56	n.a.	T 28
W29	4 12 17	3° 3'26	1♌56	22°18	16°11	12°17	1°14	8°20	7°41	3°33	8°30	8°43	9° 1	5° 3	n.a.	W29
T 30	4 16 14	4♐ 4'41	14♌17	23♐28	17♏27	12♍47	1♐28	8♑27	7♌41	3♑35	8♊28	8♊44	8♊58	5♊ 9	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13s11	25n18	3n37	16s13	1s11	2s58	1n35	14n12	1n44	18s50	0n23	23s55	0s19	19n15	0n41	23s18	0n25	18n38	3s29	22n 6	22n18	20n 3		n.a.
T 2	13 31	23 21	4 21	16 48	1 17	3 29	1 34	14 0	1 45	18 53	0 23	23 55	0 19	19 15	0 41	23 18	0 25	18 38	3 29	22 6	22 17	20 5		n.a.
F 3	13 52	20 13	4 52	17 22	1 22	3 59	1 33	13 49	1 46	18 57	0 23	23 55	0 19	19 15	0 41	23 18	0 25	18 38	3 29	22 6	22 17	20 8		n.a.
S 4	14 12	16 0	5 10	17 55	1 27	4 30	1 32	13 38	1 46	19 0	0 23	23 55	0 19	19 14	0 41	23 18	0 25	18 37	3 29	22 6	22 16	20 10		n.a.
S 5	14 32	10 51	5 12	18 27	1 32	5 0	1 31	13 27	1 47	19 3	0 23	23 55	0 19	19 14	0 41	23 18	0 25	18 37	3 29	22 5	22 16	20 12		n.a.
M 6	14 52	4 59	4 55	18 59	1 37	5 30	1 30	13 16	1 48	19 7	0 23	23 55	0 19	19 14	0 41	23 18	0 24	18 37	3 29	22 5	22 15	20 14		n.a.
T 7	15 11	1s20	4 19	19 30	1 42	6 0	1 29	13 4	1 48	19 10	0 23	23 54	0 19	19 14	0 41	23 18	0 24	18 37	3 29	22 4	22 15	20 16		n.a.
W 8	15 30	7 45	3 25	19 59	1 46	6 30	1 27	12 53	1 49	19 13	0 22	23 54	0 19	19 14	0 41	23 18	0 24	18 37	3 29	22 3	22 15	20 18		n.a.
T 9	15 49	13 51	2 16	20 28	1 50	7 0	1 26	12 42	1 50	19 17	0 22	23 54	0 19	19 14	0 41	23 18	0 24	18 37	3 29	22 3	22 14	20 21		n.a.
F 10	16 8	19 8	0 57	20 56	1 54	7 29	1 25	12 31	1 50	19 20	0 22	23 54	0 19	19 14	0 41	23 18	0 24	18 37	3 29	22 3	22 14	20 23		n.a.
S 11	16 27	23 8	0s26	21 22	1 58	7 59	1 23	12 19	1 51	19 23	0 22	23 54	0 20	19 14	0 41	23 18	0 24	18 36	3 29	22 2	22 13	20 25		n.a.
S 12	16 45	25 29	1 46	21 48	2 1	8 28	1 22	12 8	1 52	19 27	0 22	23 53	0 20	19 14	0 41	23 18	0 24	18 36	3 29	22 3	22 13	20 27		n.a.
M13	17 2	26 2	2 57	22 12	2 4	8 57	1 20	11 57	1 52	19 30	0 22	23 53	0 20	19 14	0 42	23 18	0 24	18 36	3 29	22 3	22 12	20 29		n.a.
T 14	17 20	24 51	3 56	22 35	2 7	9 26	1 19	11 45	1 53	19 33	0 22	23 53	0 20	19 14	0 42	23 18	0 24	18 36	3 29	22 3	22 12	20 31		n.a.
W15	17 37	22 11	4 39	22 56	2 9	9 54	1 17	11 34	1 54	19 36	0 22	23 53	0 20	19 14	0 42	23 17	0 24	18 36	3 29	22 3	22 11	20 34		n.a.
T 16	17 54	18 24	5 6	23 17	2 11	10 23	1 16	11 23	1 54	19 40	0 22	23 52	0 20	19 14	0 42	23 17	0 24	18 36	3 29	22 3	22 11	20 36		n.a.
F 17	18 11	13 50	5 16	23 36	2 12	10 51	1 14	11 11	1 55	19 43	0 21	23 52	0 20	19 14	0 42	23 17	0 24	18 36	3 29	22 3	22 10	20 38		n.a.
S 18	18 27	8 46	5 10	23 53	2 13	11 19	1 12	11 0	1 56	19 46	0 21	23 52	0 20	19 14	0 42	23 17	0 24	18 35	3 29	22 3	22 10	20 40		n.a.
S 19	18 43	3 28	4 50	24 9	2 14	11 47	1 10	10 49	1 56	19 49	0 21	23 52	0 20	19 14	0 42	23 17	0 24	18 35	3 29	22 3	22 9	20 42		n.a.
M20	18 58	1n54	4 17	24 24	2 14	12 14	1 8	10 37	1 57	19 52	0 21	23 51	0 20	19 14	0 42	23 17	0 24	18 35	3 29	22 2	22 9	20 44		n.a.
T 21	19 13	7 8	3 32	24 36	2 13	12 41	1 6	10 26	1 58	19 55	0 21	23 51	0 20	19 14	0 42	23 17	0 24	18 35	3 29	22 2	22 8	20 46		n.a.
W22	19 28	12 4	2 39	24 47	2 12	13 8	1 5	10 15	1 58	19 58	0 21	23 51	0 20	19 14	0 42	23 17	0 24	18 35	3 29	22 1	22 8	20 48		n.a.
T 23	19 43	16 31	1 39	24 57	2 11	13 34	1 3	10 3	1 59	20 2	0 21	23 50	0 20	19 14	0 42	23 17	0 24	18 35	3 29	22 1	22 7	20 51		n.a.
F 24	19 57	20 19	0 35	25 4	2 8	14 0	1 1	9 52	2 0	20 5	0 21	23 50	0 20	19 14	0 42	23 17	0 24	18 35	3 28	22 1	22 7	20 53		n.a.
S 25	20 11	23 17	0n30	25 10	2 5	14 26	0 58	9 41	2 1	20 8	0 21	23 50	0 20	19 14	0 42	23 17	0 24	18 34	3 28	22 1	22 6	20 55		n.a.
S 26	20 24	25 15	1 35	25 14	2 1	14 51	0 56	9 30	2 1	20 11	0 21	23 50	0 20	19 15	0 42	23 17	0 24	18 34	3 28	22 1	22 6	20 57		n.a.
M27	20 37	26 5	2 35	25 16	1 56	15 16	0 54	9 18	2 2	20 14	0 20	23 49	0 20	19 15	0 42	23 17	0 24	18 34	3 28	22 1	22 5	20 59		n.a.
T 28	20 49	25 42	3 29	25 16	1 51	15 41	0 52	9 7	2 3	20 17	0 20	23 49	0 20	19 15	0 42	23 17	0 24	18 34	3 28	22 1	22 5	21 1		n.a.
W29	21 2	24 7	4 15	25 14	1 44	16 5	0 50	8 56	2 3	20 20	0 20	23 49	0 21	19 15	0 42	23 17	0 24	18 34	3 28	22 2	22 4	21 3		n.a.
T 30	21s13	21n21	4n50	25s10	1s36	16s29	0n48	8n45	2n 4	20s23	0n20	23s48	0s21	19n15	0n42	23s17	0n24	18n34	3s28	22n 2	22n 4	21n 5		n.a.

Julian Day Number = 1609595.5, Delta T = 03h54m06s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'55, Lahiri = - 8°10'54 Julian Calendar 1 Nov. 307 BCE == Greg. Calendar 27 Oct. 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 307 BCE
geocentric

DECEMBER 307 BCE (-306) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 20 11	5♐ 5'57	26♌56	24♐34	18♏42	13♍17	1♐41	8♑33	7°R40	3♑37	8°R27	8♊44	8♊55	5♊16	n.a.	F 1
S 2	4 24 7	6° 7'14	9♍55	25°35	19°57	13°48	1°55	8°39	7♌39	3°39	8♊26	8°R44	8°51	5°23	n.a.	S 2
S 3	4 28 4	7° 8'30	23°19	26°29	21°13	14°18	2° 9	8°46	7°38	3°42	8°25	8°44	8°48	5°29	n.a.	S 3
M 4	4 32 0	8° 9'47	7♎ 9	27°17	22°28	14°47	2°23	8°52	7°37	3°44	8°23	8°44	8°45	5°36	n.a.	M 4
T 5	4 35 57	9°11'03	21°26	27°57	23°43	15°17	2°37	8°59	7°36	3°46	8°22	8°D44	8°42	5°43	n.a.	T 5
W 6	4 39 53	10°12'20	6♏ 6	28°28	24°59	15°47	2°51	9° 5	7°35	3°48	8°21	8°44	8°39	5°49	n.a.	W 6
T 7	4 43 50	11°13'36	21° 6	28°49	26°14	16°16	3° 4	9°12	7°34	3°50	8°20	8°44	8°36	5°56	n.a.	T 7
F 8	4 47 46	12°14'53	6♐17	29° 1	27°30	16°45	3°18	9°19	7°33	3°52	8°18	8°R44	8°32	6° 3	n.a.	F 8
S 9	4 51 43	13°16'09	21°31	29°R 1	28°45	17°14	3°32	9°25	7°32	3°54	8°17	8°44	8°29	6° 9	n.a.	S 9
S 10	4 55 40	14°17'25	6♑37	28°49	0♐ 0	17°43	3°46	9°32	7°31	3°56	8°16	8°44	8°26	6°16	n.a.	S 10
M11	4 59 36	15°18'40	21°26	28°26	1°16	18°11	4° 0	9°39	7°30	3°59	8°15	8°43	8°23	6°23	n.a.	M11
T 12	5 3 33	16°19'55	5♒53	27°51	2°31	18°40	4°13	9°46	7°28	4° 1	8°13	8°42	8°20	6°29	n.a.	T 12
W13	5 7 29	17°21'09	19°52	27° 5	3°46	19° 8	4°27	9°53	7°27	4° 3	8°12	8°41	8°17	6°36	n.a.	W13
T 14	5 11 26	18°22'22	3♓24	26° 9	5° 2	19°36	4°41	9°59	7°26	4° 5	8°11	8°40	8°13	6°43	n.a.	T 14
F 15	5 15 22	19°23'34	16°30	25° 4	6°17	20° 4	4°55	10° 6	7°24	4° 7	8°10	8°D40	8°10	6°49	n.a.	F 15
S 16	5 19 19	20°24'45	29°12	23°52	7°32	20°32	5° 8	10°13	7°23	4°10	8° 9	8°40	8° 7	6°56	n.a.	S 16
S 17	5 23 15	21°25'55	11♈35	22°36	8°48	20°59	5°22	10°20	7°21	4°12	8° 7	8°41	8° 4	7° 2	n.a.	S 17
M18	5 27 12	22°27'04	23°43	21°18	10° 3	21°27	5°35	10°27	7°20	4°14	8° 6	8°42	8° 1	7° 9	n.a.	M18
T 19	5 31 9	23°28'12	5♉40	20° 1	11°18	21°54	5°49	10°34	7°18	4°16	8° 5	8°43	7°57	7°16	n.a.	T 19
W20	5 35 5	24°29'19	17°30	18°45	12°34	22°20	6° 3	10°41	7°16	4°19	8° 4	8°45	7°54	7°22	n.a.	W20
T 21	5 39 2	25°30'26	29°17	17°35	13°49	22°47	6°16	10°48	7°15	4°21	8° 3	8°46	7°51	7°29	n.a.	T 21
F 22	5 42 58	26°31'31	11♊ 5	16°31	15° 4	23°14	6°30	10°55	7°13	4°23	8° 1	8°R46	7°48	7°36	n.a.	F 22
S 23	5 46 55	27°32'36	22°54	15°35	16°20	23°40	6°43	11° 2	7°11	4°25	8° 0	8°45	7°45	7°42	n.a.	S 23
S 24	5 50 51	28°33'39	4♋49	14°47	17°35	24° 6	6°56	11° 9	7° 9	4°28	7°59	8°44	7°42	7°49	n.a.	S 24
M25	5 54 48	29°34'42	16°50	14° 8	18°50	24°31	7°10	11°16	7° 8	4°30	7°58	8°41	7°38	7°56	n.a.	M25
T 26	5 58 45	0♑35'44	28°59	13°38	20° 5	24°57	7°23	11°24	7° 6	4°32	7°57	8°37	7°35	8° 2	n.a.	T 26
W27	6 2 41	1°36'44	11♌18	13°17	21°21	25°22	7°37	11°31	7° 4	4°34	7°56	8°33	7°32	8° 9	n.a.	W27
T 28	6 6 38	2°37'44	23°49	13° 5	22°36	25°47	7°50	11°38	7° 2	4°37	7°55	8°30	7°29	8°16	n.a.	T 28
F 29	6 10 34	3°38'43	6♍33	13°D 1	23°51	26°12	8° 3	11°45	7° 0	4°39	7°53	8°26	7°26	8°22	n.a.	F 29
S 30	6 14 31	4°39'41	19°34	13° 4	25° 6	26°36	8°16	11°52	6°58	4°41	7°52	8°24	7°23	8°29	n.a.	S 30
S 31	6 18 27	5♑40'38	2♎53	13♐16	26♐21	27♍ 1	8♐29	11♑59	6♌56	4♑44	7♊51	8°D23	7♊19	8♊36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21 s25	17n33	5n11	25 s 5	1 s28	16 s52	0n45	8n34	2n 5	20 s26	0n20	23 s48	0 s21	19n16	0n42	23 s17	0n24	18n33	3 s28	22n 2	22n 3	21n 7		n.a.	F 1
S 2	21 36	12 50	5 18	24 57	1 18	17 15	0 43	8 23	2 6	20 28	0 20	23 47	0 21	19 16	0 42	23 17	0 24	18 33	3 28	22 2	22 3	21 9		n.a.	S 2
S 3	21 46	7 23	5 8	24 48	1 7	17 38	0 41	8 12	2 6	20 31	0 20	23 47	0 21	19 16	0 42	23 17	0 24	18 33	3 28	22 2	22 2	21 11		n.a.	S 3
M 4	21 56	1 24	4 40	24 37	0 55	18 0	0 39	8 1	2 7	20 34	0 20	23 47	0 21	19 16	0 42	23 17	0 24	18 33	3 28	22 2	22 2	21 13		n.a.	M 4
T 5	22 6	4 s50	3 54	24 25	0 41	18 21	0 36	7 50	2 8	20 37	0 20	23 46	0 21	19 17	0 42	23 17	0 24	18 33	3 28	22 2	22 1	21 15		n.a.	T 5
W 6	22 15	11 1	2 52	24 10	0 27	18 42	0 34	7 39	2 9	20 40	0 20	23 46	0 21	19 17	0 42	23 17	0 24	18 33	3 28	22 2	22 1	21 17		n.a.	W 6
T 7	22 24	16 42	1 37	23 55	0 11	19 2	0 31	7 28	2 9	20 43	0 19	23 46	0 21	19 17	0 43	23 17	0 24	18 33	3 28	22 2	22 0	21 20		n.a.	T 7
F 8	22 32	21 24	0 14	23 38	0n 6	19 22	0 29	7 17	2 10	20 45	0 19	23 45	0 21	19 18	0 43	23 17	0 24	18 33	3 28	22 2	22 0	21 22		n.a.	F 8
S 9	22 40	24 38	1 s11	23 20	0 24	19 42	0 27	7 6	2 11	20 48	0 19	23 45	0 21	19 18	0 43	23 17	0 24	18 32	3 28	22 2	21 59	21 24		n.a.	S 9
S 10	22 48	26 3	2 29	23 1	0 42	20 0	0 24	6 56	2 12	20 51	0 19	23 44	0 21	19 18	0 43	23 17	0 24	18 32	3 28	22 2	21 59	21 26		n.a.	S 10
M11	22 55	25 33	3 36	22 42	1 1	20 19	0 22	6 45	2 12	20 54	0 19	23 44	0 21	19 19	0 43	23 17	0 24	18 32	3 28	22 2	21 58	21 28		n.a.	M11
T 12	23 1	23 20	4 27	22 22	1 21	20 36	0 19	6 34	2 13	20 56	0 19	23 43	0 21	19 19	0 43	23 17	0 24	18 32	3 27	22 1	21 58	21 30		n.a.	T 12
W13	23 7	19 47	5 1	22 2	1 40	20 53	0 17	6 24	2 14	20 59	0 19	23 43	0 21	19 19	0 43	23 16	0 24	18 32	3 27	22 1	21 57	21 32		n.a.	W13
T 14	23 13	15 17	5 16	21 41	1 59	21 10	0 14	6 13	2 15	21 2	0 19	23 42	0 21	19 20	0 43	23 16	0 24	18 32	3 27	22 1	21 57	21 34		n.a.	T 14
F 15	23 18	10 13	5 15	21 21	2 17	21 26	0 12	6 3	2 15	21 4	0 19	23 42	0 22	19 20	0 43	23 16	0 24	18 32	3 27	22 1	21 56	21 36		n.a.	F 15
S 16	23 23	4 52	4 58	21 2	2 34	21 41	0 9	5 53	2 16	21 7	0 19	23 42	0 22	19 21	0 43	23 16	0 24	18 32	3 27	22 1	21 56	21 38		n.a.	S 16
S 17	23 27	0n33	4 27	20 43	2 49	21 55	0 7	5 43	2 17	21 9	0 19	23 41	0 22	19 21	0 43	23 16	0 24	18 31	3 27	22 1	21 55	21 40		n.a.	S 17
M18	23 31	5 50	3 45	20 25	3 2	22 9	0 5	5 32	2 18	21 12	0 18	23 41	0 22	19 21	0 43	23 16	0 24	18 31	3 27	22 1	21 55	21 42		n.a.	M18
T 19	23 34	10 51	2 53	20 9	3 12	22 23	0 2	5 22	2 19	21 14	0 18	23 40	0 22	19 22	0 43	23 16	0 24	18 31	3 27	22 2	21 54	21 44		n.a.	T 19
W20	23 37	15 25	1 55	19 55	3 20	22 35	0 s 0	5 12	2 19	21 17	0 18	23 40	0 22	19 22	0 43	23 16	0 24	18 31	3 27	22 2	21 54	21 46		n.a.	W20
T 21	23 39	19 24	0 52	19 44	3 26	22 47	0 3	5 2	2 20	21 19	0 18	23 39	0 22	19 23	0 43	23 16	0 24	18 31	3 27	22 2	21 53	21 48		n.a.	T 21
F 22	23 41	22 35	0n13	19 34	3 29	22 58	0 5	4 52	2 21	21 22	0 18	23 39	0 22	19 23	0 43	23 16	0 24	18 31	3 27	22 2	21 53	21 50		n.a.	F 22
S 23	23 43	24 50	1 17	19 27	3 30	23 9	0 8	4 43	2 22	21 24	0 18	23 38	0 22	19 24	0 43	23 16	0 24	18 31	3 27	22 2	21 52	21 52		n.a.	S 23
S 24	23 43	25 58	2 19	19 23	3 29	23 19	0 10	4 33	2 23	21 26	0 18	23 37	0 22	19 24	0 43	23 16	0 24	18 31	3 27	22 2	21 52	21 54		n.a.	S 24
M25	23 44	25 53	3 15	19 22	3 26	23 28	0 12	4 23	2 23	21 29	0 18	23 37	0 22	19 25	0 43	23 16	0 24	18 31	3 26	22 1	21 51	21 55		n.a.	M25
T 26	23 44	24 34	4 3	19 22	3 22	23 36	0 15	4 14	2 24	21 31	0 18	23 36	0 22	19 25	0 43	23 16	0 24	18 30	3 26	22 1	21 51	21 57		n.a.	T 26
W27	23 43	22 4	4 40	19 26	3 16	23 44	0 17	4 5	2 25	21 33	0 18	23 36	0 22	19 26	0 43	23 16	0 24	18 30	3 26	22 0	21 50	21 59		n.a.	W27
T 28	23 42	18 31	5 4	19 31	3 9	23 51	0 20	3 55	2 26	21 36	0 18	23 35	0 22	19 26	0 43	23 16	0 24	18 30	3 26	21 59	21 50	22 1		n.a.	T 28
F 29	23 41	14 4	5 14	19 38	3 2	23 57	0 22	3 46	2 27	21 38	0 18	23 35	0 22	19 27	0 43	23 15	0 24	18 30	3 26	21 59	21 49	22 3		n.a.	F 29
S 30	23 39	8 54	5 8	19 47	2 53	24 3	0 24	3 37	2 28	21 40	0 17	23 34	0 23	19 27	0 43	23 15	0 24	18 30	3 26	21 59	21 49	22 5		n.a.	S 30
S 31	23 s37	3n13	4n46	19 s58	2n44	24 s 7	0 s26	3n28	2n28	21 s42	0n17	23 s34	0 s23	19n28	0n43	23 s15	0n24	18n30	3 s26	21n58	21n48	22n 7		n.a.	S 31

Julian Day Number = 1609625.5, Delta T = 03h54m05s
Ecliptic obliquity = 23°43'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'51, Lahiri = - 8°10'50 Julian Calendar 1 Dec. 307 BCE == Greg. Calendar 26 Nov. 307 BCE

The year -306 astronomical counting style corresponds to year 307 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

JANUARY 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 22 24	6♑41'34	16♎31	13♐33	27♐37	27♍25	8♐42	12♑ 6	6°R53	4♑46	7°R50	8♊24	7♊16	8♊42	n.a.	M 1
T 2	6 26 20	7°42'29	0♏31	13°58	28°52	27°48	8°56	12°14	6♌51	4°48	7♊49	8°25	7°13	8°49	n.a.	T 2
W 3	6 30 17	8°43'24	14°52	14°27	0♑ 7	28°12	9° 9	12°21	6°49	4°50	7°48	8°26	7°10	8°55	n.a.	W 3
T 4	6 34 14	9°44'17	29°32	15° 2	1°22	28°35	9°21	12°28	6°47	4°53	7°47	8°28	7° 7	9° 2	n.a.	T 4
F 5	6 38 10	10°45'09	14♐26	15°42	2°37	28°57	9°34	12°35	6°45	4°55	7°46	8°R28	7° 3	9° 9	n.a.	F 5
S 6	6 42 7	11°46'01	29°28	16°26	3°52	29°20	9°47	12°42	6°42	4°57	7°45	8°26	7° 0	9°15	n.a.	S 6
S 7	6 46 3	12°46'51	14♑28	17°14	5° 8	29°42	10° 0	12°50	6°40	5° 0	7°44	8°23	6°57	9°22	n.a.	S 7
M 8	6 50 0	13°47'39	29°19	18° 6	6°23	0♎ 4	10°13	12°57	6°38	5° 2	7°43	8°18	6°54	9°29	n.a.	M 8
T 9	6 53 56	14°48'26	13♒52	19° 1	7°38	0°25	10°25	13° 4	6°35	5° 4	7°42	8°12	6°51	9°35	n.a.	T 9
W10	6 57 53	15°49'11	28° 1	19°59	8°53	0°46	10°38	13°11	6°33	5° 6	7°41	8° 6	6°48	9°42	n.a.	W10
T 11	7 1 49	16°49'54	11♓42	20°59	10° 8	1° 7	10°51	13°19	6°31	5° 9	7°40	8° 1	6°44	9°49	n.a.	T 11
F 12	7 5 46	17°50'36	24°56	22° 3	11°23	1°27	11° 3	13°26	6°28	5°11	7°39	7°57	6°41	9°55	n.a.	F 12
S 13	7 9 43	18°51'15	7♈43	23° 8	12°38	1°47	11°16	13°33	6°26	5°13	7°38	7°54	6°38	10° 2	n.a.	S 13
S 14	7 13 39	19°51'53	20° 9	24°16	13°53	2° 7	11°28	13°40	6°23	5°15	7°38	7°D54	6°35	10° 9	n.a.	S 14
M15	7 17 36	20°52'29	2♉17	25°26	15° 8	2°26	11°40	13°47	6°21	5°17	7°37	7°54	6°32	10°15	n.a.	M15
T 16	7 21 32	21°53'03	14°12	26°38	16°23	2°45	11°52	13°54	6°18	5°20	7°36	7°56	6°29	10°22	n.a.	T 16
W17	7 25 29	22°53'35	26° 1	27°51	17°38	3° 4	12° 5	14° 2	6°16	5°22	7°35	7°57	6°25	10°28	n.a.	W17
T 18	7 29 25	23°54'05	7♊47	29° 7	18°53	3°22	12°17	14° 9	6°13	5°24	7°34	7°R58	6°22	10°35	n.a.	T 18
F 19	7 33 22	24°54'34	19°35	0♑23	20° 8	3°39	12°29	14°16	6°11	5°26	7°33	7°57	6°19	10°42	n.a.	F 19
S 20	7 37 18	25°55'00	1♋29	1°42	21°23	3°57	12°41	14°23	6° 8	5°28	7°33	7°54	6°16	10°48	n.a.	S 20
S 21	7 41 15	26°55'25	13°31	3° 1	22°38	4°14	12°53	14°30	6° 6	5°31	7°32	7°49	6°13	10°55	n.a.	S 21
M22	7 45 12	27°55'47	25°44	4°23	23°53	4°30	13° 4	14°37	6° 3	5°33	7°31	7°42	6° 9	11° 2	n.a.	M22
T 23	7 49 8	28°56'08	8♌ 8	5°45	25° 8	4°46	13°16	14°44	6° 0	5°35	7°30	7°33	6° 6	11° 8	n.a.	T 23
W24	7 53 5	29°56'27	20°45	7° 9	26°23	5° 1	13°28	14°51	5°58	5°37	7°30	7°23	6° 3	11°15	n.a.	W24
T 25	7 57 1	0♒56'45	3♍33	8°34	27°38	5°16	13°39	14°58	5°55	5°39	7°29	7°13	6° 0	11°22	n.a.	T 25
F 26	8 0 58	1°57'00	16°34	10° 0	28°53	5°31	13°51	15° 5	5°53	5°41	7°28	7° 4	5°57	11°28	n.a.	F 26
S 27	8 4 54	2°57'14	29°47	11°27	0♒ 8	5°45	14° 2	15°12	5°50	5°43	7°28	6°57	5°54	11°35	n.a.	S 27
S 28	8 8 51	3°57'26	13♎13	12°56	1°23	5°59	14°13	15°19	5°47	5°45	7°27	6°53	5°50	11°42	n.a.	S 28
M29	8 12 47	4°57'37	26°51	14°25	2°38	6°12	14°25	15°26	5°45	5°47	7°26	6°51	5°47	11°48	n.a.	M29
T 30	8 16 44	5°57'45	10♏43	15°56	3°52	6°24	14°36	15°33	5°42	5°49	7°26	6°D51	5°44	11°55	n.a.	T 30
W31	8 20 41	6♒57'53	24♏49	17♑28	5♒ 7	6♎36	14♐47	15♑40	5♌39	5♑51	7♊25	6♊51	5♊41	12♊ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s34	2s46	4n 8	20s 9	2n34	24s11	0s29	3n19	2n29	21s44	0n17	23s33	0s23	19n29	0n43	23s15	0n24	18n30	3s26	21n58	21n47	22n 9			n.a.
T 2	23 30	8 47	3 13	20 22	2 24	24 15	0 31	3 10	2 30	21 47	0 17	23 32	0 23	19 29	0 43	23 15	0 23	18 30	3 26	21 59	21 47	22 11			n.a.
W 3	23 27	14 30	2 6	20 36	2 14	24 17	0 33	3 2	2 31	21 49	0 17	23 32	0 23	19 30	0 43	23 15	0 23	18 30	3 26	21 59	21 46	22 13			n.a.
T 4	23 22	19 30	0 49	20 50	2 4	24 19	0 35	2 53	2 32	21 51	0 17	23 31	0 23	19 30	0 43	23 15	0 23	18 30	3 26	21 59	21 46	22 15			n.a.
F 5	23 17	23 21	0s33	21 4	1 53	24 20	0 38	2 45	2 32	21 53	0 17	23 31	0 23	19 31	0 43	23 15	0 23	18 30	3 25	21 59	21 45	22 17			n.a.
S 6	23 12	25 36	1 52	21 19	1 43	24 20	0 40	2 37	2 33	21 55	0 17	23 30	0 23	19 32	0 44	23 15	0 23	18 30	3 25	21 59	21 45	22 19			n.a.
S 7	23 7	25 59	3 4	21 35	1 33	24 20	0 42	2 28	2 34	21 57	0 17	23 29	0 23	19 32	0 44	23 15	0 23	18 30	3 25	21 58	21 44	22 21			n.a.
M 8	23 1	24 30	4 3	21 50	1 22	24 18	0 44	2 20	2 35	21 59	0 17	23 29	0 23	19 33	0 44	23 15	0 23	18 30	3 25	21 58	21 44	22 22			n.a.
T 9	22 54	21 23	4 44	22 5	1 12	24 16	0 46	2 13	2 36	22 1	0 17	23 28	0 23	19 33	0 44	23 15	0 23	18 30	3 25	21 57	21 43	22 24			n.a.
W10	22 47	17 5	5 6	22 19	1 2	24 14	0 48	2 5	2 37	22 3	0 17	23 27	0 23	19 34	0 44	23 15	0 23	18 29	3 25	21 56	21 43	22 26			n.a.
T 11	22 40	12 2	5 10	22 34	0 52	24 10	0 50	1 57	2 38	22 4	0 16	23 27	0 23	19 35	0 44	23 15	0 23	18 29	3 25	21 55	21 42	22 28			n.a.
F 12	22 32	6 35	4 58	22 47	0 42	24 6	0 52	1 50	2 38	22 6	0 16	23 26	0 23	19 35	0 44	23 14	0 23	18 29	3 25	21 54	21 42	22 30			n.a.
S 13	22 23	1 2	4 30	23 1	0 32	24 1	0 53	1 43	2 39	22 8	0 16	23 25	0 24	19 36	0 44	23 14	0 23	18 29	3 25	21 54	21 41	22 32			n.a.
S 14	22 15	4n25	3 51	23 13	0 23	23 55	0 55	1 35	2 40	22 10	0 16	23 25	0 24	19 37	0 44	23 14	0 23	18 29	3 24	21 54	21 40	22 34			n.a.
M15	22 5	9 34	3 2	23 25	0 14	23 48	0 57	1 28	2 41	22 12	0 16	23 24	0 24	19 37	0 44	23 14	0 23	18 29	3 24	21 54	21 40	22 35			n.a.
T 16	21 56	14 18	2 5	23 37	0 5	23 41	0 59	1 22	2 42	22 13	0 16	23 23	0 24	19 38	0 44	23 14	0 23	18 29	3 24	21 54	21 39	22 37			n.a.
W17	21 46	18 27	1 4	23 47	0s 4	23 33	1 0	1 15	2 43	22 15	0 16	23 23	0 24	19 39	0 44	23 14	0 23	18 29	3 24	21 54	21 39	22 39			n.a.
T 18	21 35	21 51	0 1	23 56	0 13	23 24	1 2	1 9	2 43	22 17	0 16	23 22	0 24	19 39	0 44	23 14	0 23	18 29	3 24	21 54	21 38	22 41			n.a.
F 19	21 25	24 21	1n 2	24 5	0 21	23 15	1 4	1 2	2 44	22 18	0 16	23 21	0 24	19 40	0 44	23 14	0 23	18 29	3 24	21 54	21 38	22 43			n.a.
S 20	21 13	25 47	2 4	24 12	0 29	23 5	1 5	0 56	2 45	22 20	0 16	23 21	0 24	19 41	0 44	23 14	0 23	18 29	3 24	21 54	21 37	22 45			n.a.
S 21	21 2	26 1	3 0	24 19	0 37	22 54	1 7	0 50	2 46	22 22	0 16	23 20	0 24	19 41	0 44	23 14	0 23	18 29	3 24	21 53	21 37	22 47			n.a.
M22	20 50	25 0	3 48	24 24	0 44	22 43	1 8	0 44	2 47	22 23	0 16	23 19	0 24	19 42	0 44	23 14	0 23	18 29	3 23	21 52	21 36	22 48			n.a.
T 23	20 37	22 45	4 27	24 28	0 52	22 30	1 9	0 39	2 48	22 25	0 16	23 19	0 24	19 42	0 44	23 14	0 23	18 29	3 23	21 50	21 35	22 50			n.a.
W24	20 25	19 22	4 53	24 31	0 59	22 18	1 11	0 33	2 48	22 26	0 15	23 18	0 24	19 43	0 44	23 13	0 23	18 29	3 23	21 49	21 35	22 52			n.a.
T 25	20 12	15 3	5 5	24 32	1 5	22 4	1 12	0 28	2 49	22 28	0 15	23 17	0 25	19 44	0 44	23 13	0 23	18 29	3 23	21 47	21 34	22 54			n.a.
F 26	19 58	9 59	5 2	24 33	1 12	21 50	1 13	0 23	2 50	22 29	0 15	23 16	0 25	19 44	0 44	23 13	0 23	18 29	3 23	21 45	21 34	22 56			n.a.
S 27	19 44	4 23	4 42	24 31	1 18	21 35	1 14	0 18	2 51	22 31	0 15	23 16	0 25	19 45	0 44	23 13	0 23	18 29	3 23	21 44	21 33	22 57			n.a.
S 28	19 30	1s30	4 7	24 29	1 23	21 20	1 16	0 13	2 52	22 32	0 15	23 15	0 25	19 46	0 44	23 13	0 23	18 29	3 23	21 44	21 33	22 59			n.a.
M29	19 16	7 25	3 17	24 25	1 29	21 3	1 17	0 9	2 52	22 34	0 15	23 14	0 25	19 46	0 44	23 13	0 23	18 29	3 23	21 43	21 32	23 1			n.a.
T 30	19 1	13 5	2 15	24 20	1 34	20 47	1 18	0 4	2 53	22 35	0 15	23 14	0 25	19 47	0 44	23 13	0 23	18 29	3 22	21 43	21 32	23 3			n.a.
W31	18s46	18s10	1n 4	24s13	1s39	20s29	1s19	0n 0	2n54	22s36	0n15	23s13	0s25	19n48	0n44	23s13	0n23	18n29	3s22	21n43	21n31	23n 4			n.a.

Julian Day Number = 1609656.5, Delta T = 03h54m04s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'46, Lahiri = - 8°10'46 Julian Calendar 1 Jan. 306 BCE == Greg. Calendar 27 Dec. 307 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

FEBRUARY 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 37	7♒57'58	9♐ 7	19♑ 1	6♒22	6♎47	14♐58	15♑47	5°R37	5♑53	7°R25	6°R52	5♊38	12♊ 8	n.a.	T 1
F 2	8 28 34	8°58'03	23°37	20°35	7°37	6°58	15° 9	15°54	5♌34	5°55	7♊24	6♊50	5°34	12°15	n.a.	F 2
S 3	8 32 30	9°58'05	8♑15	22°10	8°52	7° 9	15°19	16° 1	5°32	5°57	7°24	6°47	5°31	12°21	n.a.	S 3
S 4	8 36 27	10°58'05	22°54	23°46	10° 6	7°18	15°30	16° 7	5°29	5°59	7°23	6°41	5°28	12°28	n.a.	S 4
M 5	8 40 23	11°58'04	7♒28	25°24	11°21	7°27	15°41	16°14	5°26	6° 1	7°23	6°32	5°25	12°35	n.a.	M 5
T 6	8 44 20	12°58'00	21°51	27° 2	12°36	7°36	15°51	16°21	5°24	6° 3	7°22	6°21	5°22	12°41	n.a.	T 6
W 7	8 48 16	13°57'54	5♓54	28°42	13°51	7°44	16° 1	16°28	5°21	6° 5	7°22	6°10	5°19	12°48	n.a.	W 7
T 8	8 52 13	14°57'46	19°35	0♒23	15° 5	7°51	16°12	16°34	5°19	6° 7	7°22	6° 0	5°15	12°55	n.a.	T 8
F 9	8 56 10	15°57'36	2♈50	2° 5	16°20	7°57	16°22	16°41	5°16	6° 9	7°21	5°51	5°12	13° 1	n.a.	F 9
S 10	9 0 6	16°57'23	15°41	3°48	17°35	8° 3	16°32	16°48	5°13	6°11	7°21	5°44	5° 9	13° 8	n.a.	S 10
S 11	9 4 3	17°57'09	28° 9	5°32	18°50	8° 9	16°42	16°54	5°11	6°13	7°21	5°40	5° 6	13°15	n.a.	S 11
M12	9 7 59	18°56'51	10♉20	7°17	20° 4	8°13	16°52	17° 1	5° 8	6°14	7°20	5°38	5° 3	13°21	n.a.	M12
T 13	9 11 56	19°56'32	22°17	9° 4	21°19	8°17	17° 1	17° 7	5° 6	6°16	7°20	5°D38	5° 0	13°28	n.a.	T 13
W14	9 15 52	20°56'10	4♊ 6	10°52	22°33	8°20	17°11	17°13	5° 3	6°18	7°20	5°R38	4°56	13°35	n.a.	W14
T 15	9 19 49	21°55'45	15°53	12°41	23°48	8°23	17°20	17°20	5° 1	6°20	7°20	5°38	4°53	13°41	n.a.	T 15
F 16	9 23 45	22°55'19	27°44	14°31	25° 3	8°25	17°30	17°26	4°58	6°21	7°19	5°36	4°50	13°48	n.a.	F 16
S 17	9 27 42	23°54'50	9♋42	16°23	26°17	8°26	17°39	17°32	4°56	6°23	7°19	5°32	4°47	13°55	n.a.	S 17
S 18	9 31 39	24°54'18	21°51	18°16	27°32	8°R26	17°48	17°39	4°54	6°25	7°19	5°24	4°44	14° 1	n.a.	S 18
M19	9 35 35	25°53'45	4♌15	20°10	28°46	8°26	17°57	17°45	4°51	6°26	7°19	5°15	4°40	14° 8	n.a.	M19
T 20	9 39 32	26°53'09	16°55	22° 5	0♓ 1	8°25	18° 6	17°51	4°49	6°28	7°19	5° 3	4°37	14°14	n.a.	T 20
W21	9 43 28	27°52'31	29°51	24° 1	1°15	8°23	18°15	17°57	4°46	6°30	7°19	4°50	4°34	14°21	n.a.	W21
T 22	9 47 25	28°51'50	13♍ 1	25°59	2°30	8°21	18°23	18° 3	4°44	6°31	7°19	4°37	4°31	14°28	n.a.	T 22
F 23	9 51 21	29°51'08	26°25	27°57	3°44	8°17	18°32	18° 9	4°42	6°33	7°19	4°25	4°28	14°34	n.a.	F 23
S 24	9 55 18	0♓50'23	10♎ 1	29°57	4°59	8°13	18°40	18°15	4°39	6°34	7°D19	4°15	4°25	14°41	n.a.	S 24
S 25	9 59 14	1°49'37	23°45	1♓58	6°13	8° 9	18°48	18°21	4°37	6°36	7°19	4° 9	4°21	14°48	n.a.	S 25
M26	10 3 11	2°48'48	7♏36	3°59	7°27	8° 3	18°57	18°27	4°35	6°37	7°19	4° 5	4°18	14°54	n.a.	M26
T 27	10 7 7	3°47'58	21°33	6° 2	8°42	7°57	19° 5	18°33	4°33	6°39	7°19	4° 4	4°15	15° 1	n.a.	T 27
W28	10 11 4	4♓47'06	5♐36	8♓ 5	9♓56	7♎49	19♐12	18♑39	4♌31	6♑40	7♊19	4♊ 4	4♊12	15♊ 8	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s30	22s17	0s12	24s 4	1s43	20s12	1s19	0s 3	2n55	22s38	0n15	23s12	0s25	19n48	0n44	23s13	0n23	18n29	3s22	21n43	21n30	23n 6		n.a.
F 2	18 14	25 3	1 28	23 54	1 47	19 53	1 20	0 7	2 56	22 39	0 15	23 11	0 25	19 49	0 44	23 13	0 23	18 29	3 22	21 43	21 30	23 8		n.a.
S 3	17 58	26 7	2 39	23 43	1 51	19 34	1 21	0 10	2 56	22 40	0 15	23 11	0 25	19 50	0 44	23 13	0 23	18 30	3 22	21 43	21 29	23 10		n.a.
S 4	17 42	25 22	3 40	23 29	1 54	19 14	1 22	0 14	2 57	22 42	0 15	23 10	0 25	19 50	0 44	23 13	0 23	18 30	3 22	21 41	21 29	23 12		n.a.
M 5	17 25	22 54	4 25	23 15	1 57	18 54	1 22	0 17	2 58	22 43	0 14	23 9	0 25	19 51	0 44	23 12	0 23	18 30	3 22	21 40	21 28	23 13		n.a.
T 6	17 8	19 1	4 53	22 58	2 0	18 34	1 23	0 19	2 59	22 44	0 14	23 9	0 26	19 52	0 44	23 12	0 23	18 30	3 22	21 38	21 28	23 15		n.a.
W 7	16 50	14 8	5 3	22 40	2 2	18 12	1 24	0 22	2 59	22 45	0 14	23 8	0 26	19 52	0 44	23 12	0 23	18 30	3 21	21 36	21 27	23 17		n.a.
T 8	16 33	8 41	4 54	22 20	2 4	17 51	1 24	0 24	3 0	22 46	0 14	23 7	0 26	19 53	0 44	23 12	0 23	18 30	3 21	21 34	21 26	23 18		n.a.
F 9	16 15	2 59	4 30	21 58	2 5	17 28	1 24	0 26	3 1	22 47	0 14	23 6	0 26	19 54	0 44	23 12	0 23	18 30	3 21	21 33	21 26	23 20		n.a.
S 10	15 57	2n40	3 53	21 35	2 6	17 6	1 25	0 28	3 1	22 49	0 14	23 6	0 26	19 54	0 44	23 12	0 23	18 30	3 21	21 32	21 25	23 22		n.a.
S 11	15 38	8 4	3 5	21 10	2 7	16 43	1 25	0 29	3 2	22 50	0 14	23 5	0 26	19 55	0 44	23 12	0 23	18 30	3 21	21 31	21 25	23 24		n.a.
M12	15 20	13 2	2 10	20 43	2 7	16 19	1 25	0 31	3 2	22 51	0 14	23 4	0 26	19 55	0 44	23 12	0 23	18 30	3 21	21 31	21 24	23 25		n.a.
T 13	15 1	17 26	1 10	20 14	2 6	15 55	1 25	0 32	3 3	22 52	0 14	23 3	0 26	19 56	0 44	23 12	0 23	18 30	3 21	21 30	21 24	23 27		n.a.
W14	14 42	21 6	0 8	19 44	2 5	15 30	1 25	0 33	3 4	22 53	0 14	23 3	0 26	19 57	0 44	23 12	0 23	18 30	3 21	21 31	21 23	23 29		n.a.
T 15	14 22	23 52	0n54	19 11	2 4	15 6	1 25	0 33	3 4	22 54	0 14	23 2	0 26	19 57	0 44	23 12	0 23	18 30	3 20	21 30	21 22	23 30		n.a.
F 16	14 3	25 37	1 54	18 37	2 2	14 40	1 25	0 33	3 5	22 55	0 14	23 1	0 27	19 58	0 44	23 12	0 23	18 31	3 20	21 30	21 22	23 32		n.a.
S 17	13 43	26 12	2 50	18 1	2 0	14 15	1 25	0 33	3 5	22 56	0 14	23 0	0 27	19 59	0 44	23 11	0 23	18 31	3 20	21 29	21 21	23 34		n.a.
S 18	13 23	25 32	3 39	17 23	1 57	13 48	1 25	0 33	3 5	22 57	0 13	23 0	0 27	19 59	0 44	23 11	0 23	18 31	3 20	21 28	21 21	23 35		n.a.
M19	13 3	23 36	4 18	16 44	1 53	13 22	1 25	0 33	3 6	22 57	0 13	22 59	0 27	20 0	0 44	23 11	0 23	18 31	3 20	21 26	21 20	23 37		n.a.
T 20	12 42	20 29	4 46	16 2	1 49	12 55	1 25	0 32	3 6	22 58	0 13	22 58	0 27	20 0	0 44	23 11	0 23	18 31	3 20	21 24	21 19	23 39		n.a.
W21	12 21	16 19	4 59	15 19	1 45	12 28	1 24	0 31	3 7	22 59	0 13	22 58	0 27	20 1	0 44	23 11	0 23	18 31	3 20	21 22	21 19	23 40		n.a.
T 22	12 1	11 19	4 57	14 34	1 40	12 1	1 24	0 30	3 7	23 0	0 13	22 57	0 27	20 1	0 44	23 11	0 23	18 31	3 19	21 19	21 18	23 42		n.a.
F 23	11 40	5 41	4 39	13 48	1 34	11 33	1 23	0 28	3 7	23 1	0 13	22 56	0 27	20 2	0 44	23 11	0 23	18 31	3 19	21 17	21 18	23 44		n.a.
S 24	11 19	0s16	4 4	12 59	1 28	11 5	1 23	0 26	3 7	23 2	0 13	22 55	0 27	20 2	0 44	23 11	0 23	18 31	3 19	21 15	21 17	23 45		n.a.
S 25	10 57	6 18	3 16	12 10	1 21	10 37	1 22	0 24	3 7	23 3	0 13	22 55	0 27	20 3	0 44	23 11	0 23	18 32	3 19	21 14	21 16	23 47		n.a.
M26	10 36	12 5	2 15	11 18	1 13	10 8	1 21	0 22	3 8	23 3	0 13	22 54	0 28	20 4	0 44	23 11	0 23	18 32	3 19	21 13	21 16	23 49		n.a.
T 27	10 14	17 19	1 6	10 25	1 5	9 39	1 21	0 19	3 8	23 4	0 13	22 53	0 28	20 4	0 44	23 11	0 23	18 32	3 19	21 13	21 15	23 50		n.a.
W28	9s52	21s38	0s 8	9s31	0s57	9s10	1s20	0s16	3n 8	23s 5	0n13	22s53	0s28	20n 5	0n44	23s11	0n23	18n32	3s19	21n13	21n15	23n52		n.a.

Julian Day Number = 1609687.5, Delta T = 03h54m03s
Ecliptic obliquity = 23°44'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'42, Lahiri = - 8°10'42 Julian Calendar 1 Feb. 306 BCE == Greg. Calendar 27 Jan. 306 BCE

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

MARCH 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 15 1	5♓46'12	19♐44	10♓ 8	11♓11	7°R41	19♐20	18♑44	4°R29	6♑41	7♊19	4°R 3	4♊ 9	15♊14	n.a.	T 1
F 2	10 18 57	6°45'16	3♑55	12°11	12°25	7♎33	19°28	18°50	4♌26	6°43	7°19	4♊ 2	4° 6	15°21	n.a.	F 2
S 3	10 22 54	7°44'19	18° 9	14°15	13°39	7°23	19°35	18°55	4°24	6°44	7°19	3°57	4° 2	15°28	n.a.	S 3
S 4	10 26 50	8°43'20	2♒21	16°18	14°53	7°13	19°42	19° 1	4°22	6°45	7°19	3°50	3°59	15°34	n.a.	S 4
M 5	10 30 47	9°42'18	16°30	18°21	16° 8	7° 2	19°50	19° 6	4°20	6°47	7°20	3°41	3°56	15°41	n.a.	M 5
T 6	10 34 43	10°41'15	0♓28	20°23	17°22	6°50	19°56	19°12	4°18	6°48	7°20	3°29	3°53	15°48	n.a.	T 6
W 7	10 38 40	11°40'09	14°13	22°23	18°36	6°38	20° 3	19°17	4°16	6°49	7°20	3°17	3°50	15°54	n.a.	W 7
T 8	10 42 36	12°39'02	27°40	24°22	19°51	6°25	20°10	19°22	4°15	6°50	7°20	3° 5	3°46	16° 1	n.a.	T 8
F 9	10 46 33	13°37'52	10♈46	26°19	21° 5	6°11	20°17	19°28	4°13	6°52	7°21	2°54	3°43	16° 7	n.a.	F 9
S 10	10 50 30	14°36'39	23°32	28°14	22°19	5°56	20°23	19°33	4°11	6°53	7°21	2°46	3°40	16°14	n.a.	S 10
S 11	10 54 26	15°35'25	5♉59	0♈ 5	23°33	5°41	20°29	19°38	4° 9	6°54	7°21	2°41	3°37	16°21	n.a.	S 11
M12	10 58 23	16°34'08	18° 9	1°54	24°47	5°25	20°35	19°43	4° 7	6°55	7°22	2°38	3°34	16°27	n.a.	M12
T 13	11 2 19	17°32'49	0♊ 7	3°40	26° 1	5° 8	20°41	19°48	4° 6	6°56	7°22	2°D37	3°31	16°34	n.a.	T 13
W14	11 6 16	18°31'28	11°57	5°22	27°15	4°51	20°47	19°53	4° 4	6°57	7°23	2°38	3°27	16°41	n.a.	W14
T 15	11 10 12	19°30'05	23°45	7° 0	28°30	4°33	20°52	19°57	4° 2	6°58	7°23	2°R38	3°24	16°47	n.a.	T 15
F 16	11 14 9	20°28'39	5♋37	8°33	29°44	4°15	20°58	20° 2	4° 1	6°59	7°23	2°36	3°21	16°54	n.a.	F 16
S 17	11 18 5	21°27'11	17°38	10° 3	0♈58	3°56	21° 3	20° 7	3°59	7° 0	7°24	2°33	3°18	17° 1	n.a.	S 17
S 18	11 22 2	22°25'40	29°51	11°28	2°12	3°37	21° 8	20°11	3°58	7° 1	7°24	2°28	3°15	17° 7	n.a.	S 18
M19	11 25 59	23°24'08	12♌22	12°48	3°26	3°17	21°13	20°16	3°56	7° 2	7°25	2°20	3°12	17°14	n.a.	M19
T 20	11 29 55	24°22'33	25°13	14° 3	4°40	2°57	21°18	20°20	3°55	7° 2	7°25	2°10	3° 8	17°21	n.a.	T 20
W21	11 33 52	25°20'56	8♍24	15°13	5°54	2°37	21°23	20°25	3°54	7° 3	7°26	1°59	3° 5	17°27	n.a.	W21
T 22	11 37 48	26°19'17	21°54	16°17	7° 7	2°16	21°27	20°29	3°52	7° 4	7°27	1°48	3° 2	17°34	n.a.	T 22
F 23	11 41 45	27°17'36	5♎42	17°17	8°21	1°55	21°31	20°33	3°51	7° 5	7°27	1°38	2°59	17°41	n.a.	F 23
S 24	11 45 41	28°15'53	19°42	18°11	9°35	1°33	21°35	20°37	3°50	7° 5	7°28	1°30	2°56	17°47	n.a.	S 24
S 25	11 49 38	29°14'08	3♏52	19° 0	10°49	1°11	21°39	20°41	3°49	7° 6	7°28	1°25	2°52	17°54	n.a.	S 25
M26	11 53 34	0♈12'22	18° 6	19°43	12° 3	0°50	21°43	20°45	3°48	7° 7	7°29	1°22	2°49	18° 1	n.a.	M26
T 27	11 57 31	1°10'34	2♐21	20°21	13°17	0°28	21°47	20°49	3°47	7° 7	7°30	1°D22	2°46	18° 7	n.a.	T 27
W28	12 1 27	2° 8'45	16°34	20°53	14°31	0° 6	21°50	20°53	3°46	7° 8	7°31	1°22	2°43	18°14	n.a.	W28
T 29	12 5 24	3° 6'54	0♑44	21°19	15°44	29♍43	21°53	20°57	3°45	7° 9	7°31	1°R23	2°40	18°20	n.a.	T 29
F 30	12 9 21	4° 5'01	14°49	21°40	16°58	29°21	21°56	21° 0	3°44	7° 9	7°32	1°22	2°37	18°27	n.a.	F 30
S 31	12 13 17	5♈ 3'07	28♑47	21♈55	18♈12	28♍59	21♐59	21♑ 4	3♌43	7♑10	7♊33	1♊20	2♊33	18♊34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s30	24s41	1s22	8s36	0s48	8s41	1s19	0s13	3n 8	23s 5	0n13	22s52	0s28	20n 5	0n44	23s11	0n23	18n32	3s18	21n13	21n14	23n53			n.a.
F 2	9 8	26 11	2 31	7 40	0 38	8 11	1 18	0 10	3 7	23 6	0 12	22 51	0 28	20 6	0 44	23 11	0 23	18 32	3 18	21 13	21 14	23 55			n.a.
S 3	8 46	25 58	3 30	6 42	0 28	7 41	1 17	0 6	3 7	23 7	0 12	22 51	0 28	20 6	0 44	23 10	0 23	18 32	3 18	21 12	21 13	23 57			n.a.
S 4	8 24	24 2	4 17	5 45	0 18	7 11	1 16	0 2	3 7	23 7	0 12	22 50	0 28	20 7	0 44	23 10	0 23	18 33	3 18	21 11	21 12	23 58			n.a.
M 5	8 1	20 39	4 47	4 46	0 7	6 41	1 15	0n 2	3 7	23 8	0 12	22 49	0 28	20 7	0 44	23 10	0 23	18 33	3 18	21 9	21 12	24 0			n.a.
T 6	7 39	16 6	5 0	3 48	0n 4	6 11	1 14	0 6	3 6	23 9	0 12	22 49	0 28	20 7	0 44	23 10	0 23	18 33	3 18	21 7	21 11	24 1			n.a.
W 7	7 16	10 49	4 55	2 49	0 15	5 40	1 13	0 11	3 6	23 9	0 12	22 48	0 29	20 8	0 44	23 10	0 23	18 33	3 18	21 4	21 11	24 3			n.a.
T 8	6 54	5 7	4 34	1 51	0 27	5 10	1 11	0 16	3 6	23 10	0 12	22 47	0 29	20 8	0 44	23 10	0 23	18 33	3 18	21 2	21 10	24 5			n.a.
F 9	6 31	0n40	3 58	0 53	0 39	4 39	1 10	0 21	3 5	23 11	0 12	22 47	0 29	20 9	0 44	23 10	0 23	18 34	3 17	21 0	21 9	24 6			n.a.
S 10	6 8	6 17	3 11	0n 3	0 50	4 8	1 9	0 26	3 4	23 11	0 12	22 46	0 29	20 9	0 44	23 10	0 23	18 34	3 17	20 58	21 9	24 8			n.a.
S 11	5 45	11 32	2 16	0 59	1 2	3 37	1 7	0 31	3 4	23 12	0 12	22 45	0 29	20 10	0 43	23 10	0 23	18 34	3 17	20 57	21 8	24 9			n.a.
M12	5 22	16 14	1 16	1 54	1 14	3 6	1 6	0 37	3 3	23 12	0 12	22 45	0 29	20 10	0 43	23 10	0 23	18 34	3 17	20 57	21 7	24 11			n.a.
T 13	4 59	20 12	0 13	2 46	1 25	2 35	1 4	0 43	3 2	23 13	0 11	22 44	0 29	20 10	0 43	23 10	0 23	18 34	3 17	20 56	21 7	24 12			n.a.
W14	4 36	23 19	0n49	3 37	1 36	2 4	1 3	0 49	3 1	23 13	0 11	22 44	0 29	20 11	0 43	23 10	0 23	18 34	3 17	20 56	21 6	24 14			n.a.
T 15	4 12	25 25	1 50	4 27	1 47	1 32	1 1	0 55	3 0	23 14	0 11	22 43	0 29	20 11	0 43	23 10	0 23	18 35	3 17	20 56	21 6	24 15			n.a.
F 16	3 49	26 23	2 46	5 13	1 57	1 1	0 59	1 1	2 59	23 14	0 11	22 42	0 30	20 11	0 43	23 10	0 23	18 35	3 16	20 56	21 5	24 17			n.a.
S 17	3 26	26 7	3 35	5 58	2 7	0 30	0 58	1 8	2 58	23 15	0 11	22 42	0 30	20 12	0 43	23 10	0 23	18 35	3 16	20 56	21 4	24 18			n.a.
S 18	3 2	24 35	4 16	6 40	2 16	0n 2	0 56	1 14	2 56	23 15	0 11	22 41	0 30	20 12	0 43	23 10	0 23	18 35	3 16	20 55	21 4	24 20			n.a.
M19	2 39	21 51	4 45	7 20	2 25	0 33	0 54	1 21	2 55	23 15	0 11	22 41	0 30	20 12	0 43	23 10	0 23	18 36	3 16	20 53	21 3	24 21			n.a.
T 20	2 16	17 59	5 1	7 56	2 32	1 5	0 52	1 28	2 54	23 16	0 11	22 40	0 30	20 13	0 43	23 9	0 23	18 36	3 16	20 51	21 3	24 23			n.a.
W21	1 52	13 9	5 1	8 30	2 39	1 36	0 50	1 35	2 52	23 16	0 11	22 40	0 30	20 13	0 43	23 9	0 23	18 36	3 16	20 49	21 2	24 24			n.a.
T 22	1 29	7 36	4 45	9 1	2 45	2 7	0 48	1 42	2 51	23 17	0 11	22 39	0 30	20 13	0 43	23 9	0 23	18 36	3 16	20 47	21 1	24 26			n.a.
F 23	1 5	1 33	4 12	9 29	2 51	2 39	0 46	1 49	2 49	23 17	0 11	22 38	0 30	20 14	0 43	23 9	0 23	18 36	3 16	20 45	21 1	24 27			n.a.
S 24	0 42	4s40	3 23	9 54	2 55	3 10	0 44	1 55	2 47	23 17	0 10	22 38	0 31	20 14	0 43	23 9	0 23	18 37	3 15	20 43	21 0	24 29			n.a.
S 25	0 18	10 45	2 21	10 16	2 58	3 41	0 42	2 2	2 45	23 18	0 10	22 37	0 31	20 14	0 43	23 9	0 23	18 37	3 15	20 42	20 59	24 30			n.a.
M26	0n 5	16 18	1 10	10 35	3 1	4 12	0 40	2 10	2 43	23 18	0 10	22 37	0 31	20 14	0 43	23 9	0 23	18 37	3 15	20 41	20 59	24 32			n.a.
T 27	0 28	20 58	0s 5	10 51	3 2	4 43	0 38	2 16	2 41	23 18	0 10	22 37	0 31	20 15	0 43	23 9	0 23	18 37	3 15	20 41	20 58	24 33			n.a.
W28	0 52	24 23	1 20	11 3	3 2	5 14	0 36	2 23	2 39	23 19	0 10	22 36	0 31	20 15	0 43	23 9	0 23	18 38	3 15	20 41	20 58	24 35			n.a.
T 29	1 15	26 14	2 30	11 12	3 1	5 45	0 34	2 30	2 37	23 19	0 10	22 36	0 31	20 15	0 43	23 9	0 23	18 38	3 15	20 41	20 57	24 36			n.a.
F 30	1 39	26 24	3 31	11 18	2 59	6 16	0 31	2 37	2 35	23 19	0 10	22 35	0 31	20 15	0 43	23 9	0 23	18 38	3 15	20 41	20 56	24 38			n.a.
S 31	2n 2	24s52	4s18	11n21	2n55	6n46	0s29	2n44	2n32	23s20	0n10	22s35	0s31	20n15	0n43	23s 9	0n23	18n38	3s15	20n41	20n56	24n39			n.a.

Julian Day Number = 1609715.5, Delta T = 03h54m02s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'38, Lahiri = - 8°10'38 Julian Calendar 1 March 306 BCE == Greg. Calendar 24 Feb. 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

APRIL 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 17 14	6♈ 1'12	12♒39	22♈ 5	19♈26	28°R37	22♐ 2	21♑ 7	3°R42	7♑10	7♊34	1°R15	2♊30	18♊40	n.a.	S 1
M 2	12 21 10	6°59'15	26°22	22°R10	20°39	28♍15	22° 4	21°11	3♌41	7°10	7°34	1♊ 9	2°27	18°47	n.a.	M 2
T 3	12 25 7	7°57'16	9♓54	22° 9	21°53	27°54	22° 7	21°14	3°41	7°11	7°35	1° 0	2°24	18°54	n.a.	T 3
W 4	12 29 3	8°55'16	23°14	22° 3	23° 7	27°32	22° 9	21°17	3°40	7°11	7°36	0°51	2°21	19° 0	n.a.	W 4
T 5	12 33 0	9°53'14	6♈19	21°52	24°20	27°11	22°11	21°21	3°39	7°11	7°37	0°42	2°17	19° 7	n.a.	T 5
F 6	12 36 56	10°51'10	19° 8	21°37	25°34	26°50	22°13	21°24	3°39	7°12	7°38	0°35	2°14	19°14	n.a.	F 6
S 7	12 40 53	11°49'05	1♉42	21°17	26°47	26°29	22°14	21°27	3°38	7°12	7°39	0°29	2°11	19°20	n.a.	S 7
S 8	12 44 50	12°46'58	14° 1	20°53	28° 1	26° 9	22°15	21°29	3°38	7°12	7°40	0°26	2° 8	19°27	n.a.	S 8
M 9	12 48 46	13°44'49	26° 6	20°26	29°15	25°50	22°17	21°32	3°37	7°12	7°41	0°D24	2° 5	19°34	n.a.	M 9
T 10	12 52 43	14°42'39	8♊ 2	19°56	0♉28	25°30	22°18	21°35	3°37	7°13	7°42	0°24	2° 2	19°40	n.a.	T 10
W11	12 56 39	15°40'27	19°52	19°24	1°42	25°12	22°18	21°37	3°37	7°13	7°43	0°26	1°58	19°47	n.a.	W11
T 12	13 0 36	16°38'13	1♋40	18°50	2°55	24°54	22°19	21°40	3°37	7°13	7°44	0°27	1°55	19°54	n.a.	T 12
F 13	13 4 32	17°35'57	13°32	18°15	4° 8	24°36	22°20	21°42	3°36	7°13	7°45	0°R28	1°52	20° 0	n.a.	F 13
S 14	13 8 29	18°33'40	25°33	17°39	5°22	24°19	22°20	21°45	3°36	7°R13	7°46	0°28	1°49	20° 7	n.a.	S 14
S 15	13 12 25	19°31'21	7♌47	17° 3	6°35	24° 3	22°R20	21°47	3°36	7°13	7°47	0°26	1°46	20°14	n.a.	S 15
M16	13 16 22	20°29'00	20°20	16°28	7°49	23°47	22°20	21°49	3°D36	7°13	7°48	0°23	1°43	20°20	n.a.	M16
T 17	13 20 19	21°26'37	3♍14	15°55	9° 2	23°32	22°19	21°51	3°36	7°13	7°49	0°18	1°39	20°27	n.a.	T 17
W18	13 24 15	22°24'13	16°32	15°23	10°15	23°18	22°19	21°53	3°36	7°13	7°50	0°12	1°36	20°34	n.a.	W18
T 19	13 28 12	23°21'47	0♎14	14°53	11°29	23° 4	22°18	21°55	3°36	7°12	7°51	0° 6	1°33	20°40	n.a.	T 19
F 20	13 32 8	24°19'20	14°18	14°27	12°42	22°52	22°17	21°57	3°37	7°12	7°52	0° 1	1°30	20°47	n.a.	F 20
S 21	13 36 5	25°16'51	28°39	14° 3	13°55	22°40	22°16	21°58	3°37	7°12	7°53	29♉57	1°27	20°53	n.a.	S 21
S 22	13 40 1	26°14'22	13♏13	13°43	15° 8	22°28	22°15	22° 0	3°37	7°12	7°55	29°54	1°23	21° 0	n.a.	S 22
M23	13 43 58	27°11'51	27°53	13°27	16°22	22°18	22°14	22° 2	3°38	7°12	7°56	29°D53	1°20	21° 7	n.a.	M23
T 24	13 47 54	28° 9'19	12♐32	13°16	17°35	22° 8	22°12	22° 3	3°38	7°11	7°57	29°54	1°17	21°13	n.a.	T 24
W25	13 51 51	29° 6'46	27° 5	13° 8	18°48	21°59	22°10	22° 4	3°38	7°11	7°58	29°55	1°14	21°20	n.a.	W25
T 26	13 55 48	0♉ 4'12	11♑28	13°D 5	20° 1	21°51	22° 8	22° 5	3°39	7°11	7°59	29°56	1°11	21°27	n.a.	T 26
F 27	13 59 44	1° 1'38	25°38	13° 6	21°14	21°44	22° 6	22° 6	3°39	7°10	8° 1	29°R57	1° 8	21°33	n.a.	F 27
S 28	14 3 41	1°59'03	9♒34	13°12	22°27	21°37	22° 4	22° 8	3°40	7°10	8° 2	29°57	1° 4	21°40	n.a.	S 28
S 29	14 7 37	2°56'26	23°14	13°22	23°40	21°32	22° 1	22° 8	3°41	7° 9	8° 3	29°56	1° 1	21°47	n.a.	S 29
M30	14 11 34	3♉53'49	6♓40	13♈37	24♉53	21♍27	21♐58	22♑ 9	3♌41	7♑ 9	8♊ 4	29♉53	0♊58	21♊53	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n25	21s51	4s50	11n20	2n50	7n17	0s27	2n51	2n30	23s20	0n10	22s34	0s32	20n15	0n43	23s 9	0n23	18n39	3s14	20n40	20n55	24n41		n.a.
M 2	2 48	17 39	5 5	11 16	2 44	7 47	0 24	2 57	2 28	23 20	0 10	22 34	0 32	20 16	0 43	23 9	0 23	18 39	3 14	20 38	20 54	24 42		n.a.
T 3	3 12	12 36	5 2	11 9	2 37	8 17	0 22	3 4	2 25	23 20	0 9	22 34	0 32	20 16	0 43	23 9	0 23	18 39	3 14	20 37	20 54	24 43		n.a.
W 4	3 35	7 2	4 43	10 59	2 29	8 47	0 20	3 10	2 22	23 21	0 9	22 33	0 32	20 16	0 43	23 9	0 23	18 39	3 14	20 35	20 53	24 45		n.a.
T 5	3 58	1 16	4 9	10 46	2 19	9 17	0 17	3 16	2 20	23 21	0 9	22 33	0 32	20 16	0 43	23 9	0 23	18 40	3 14	20 33	20 52	24 46		n.a.
F 6	4 21	4n27	3 24	10 30	2 8	9 46	0 15	3 22	2 17	23 21	0 9	22 32	0 32	20 16	0 43	23 9	0 23	18 40	3 14	20 31	20 52	24 48		n.a.
S 7	4 44	9 53	2 29	10 11	1 56	10 16	0 12	3 28	2 14	23 21	0 9	22 32	0 32	20 16	0 43	23 9	0 23	18 40	3 14	20 30	20 51	24 49		n.a.
S 8	5 7	14 51	1 27	9 50	1 43	10 45	0 10	3 33	2 12	23 21	0 9	22 32	0 33	20 16	0 43	23 9	0 23	18 40	3 14	20 29	20 51	24 50		n.a.
M 9	5 29	19 8	0 23	9 27	1 29	11 13	0 7	3 39	2 9	23 22	0 9	22 31	0 33	20 16	0 43	23 9	0 23	18 41	3 13	20 29	20 50	24 52		n.a.
T 10	5 52	22 36	0n41	9 2	1 14	11 42	0 5	3 44	2 6	23 22	0 9	22 31	0 33	20 16	0 43	23 9	0 23	18 41	3 13	20 29	20 49	24 53		n.a.
W11	6 15	25 4	1 44	8 35	0 58	12 10	0 2	3 49	2 3	23 22	0 9	22 31	0 33	20 16	0 43	23 9	0 23	18 41	3 13	20 29	20 49	24 54		n.a.
T 12	6 37	26 25	2 41	8 7	0 42	12 38	0n 0	3 53	2 0	23 22	0 8	22 31	0 33	20 16	0 43	23 9	0 23	18 42	3 13	20 30	20 48	24 56		n.a.
F 13	6 59	26 34	3 33	7 38	0 26	13 6	0 3	3 57	1 57	23 22	0 8	22 30	0 33	20 16	0 43	23 9	0 23	18 42	3 13	20 30	20 47	24 57		n.a.
S 14	7 22	25 28	4 15	7 8	0 9	13 33	0 5	4 2	1 54	23 22	0 8	22 30	0 33	20 16	0 43	23 9	0 23	18 42	3 13	20 30	20 47	24 59		n.a.
S 15	7 44	23 9	4 47	6 39	0s 9	14 0	0 8	4 5	1 51	23 22	0 8	22 30	0 33	20 16	0 42	23 9	0 23	18 42	3 13	20 30	20 46	25 0		n.a.
M16	8 6	19 42	5 6	6 9	0 26	14 27	0 10	4 9	1 48	23 23	0 8	22 30	0 34	20 16	0 42	23 9	0 23	18 43	3 13	20 29	20 45	25 1		n.a.
T 17	8 28	15 15	5 10	5 41	0 43	14 53	0 13	4 12	1 45	23 23	0 8	22 29	0 34	20 16	0 42	23 9	0 23	18 43	3 13	20 28	20 45	25 3		n.a.
W18	8 49	9 56	4 58	5 13	0 59	15 19	0 15	4 15	1 42	23 23	0 8	22 29	0 34	20 16	0 42	23 9	0 23	18 43	3 12	20 27	20 44	25 4		n.a.
T 19	9 11	4 1	4 29	4 47	1 15	15 45	0 18	4 18	1 39	23 23	0 8	22 29	0 34	20 16	0 42	23 9	0 23	18 44	3 12	20 25	20 43	25 5		n.a.
F 20	9 33	2s17	3 43	4 22	1 31	16 10	0 20	4 20	1 36	23 23	0 8	22 29	0 34	20 16	0 42	23 9	0 23	18 44	3 12	20 24	20 43	25 6		n.a.
S 21	9 54	8 36	2 42	3 59	1 46	16 35	0 23	4 22	1 33	23 23	0 7	22 29	0 34	20 16	0 42	23 9	0 23	18 44	3 12	20 23	20 42	25 8		n.a.
S 22	10 15	14 34	1 30	3 39	2 0	16 59	0 25	4 24	1 30	23 23	0 7	22 29	0 34	20 16	0 42	23 9	0 23	18 44	3 12	20 23	20 42	25 9		n.a.
M23	10 36	19 45	0 11	3 20	2 13	17 23	0 28	4 25	1 27	23 23	0 7	22 29	0 35	20 16	0 42	23 9	0 23	18 45	3 12	20 23	20 41	25 10		n.a.
T 24	10 57	23 43	1s 9	3 4	2 25	17 46	0 30	4 26	1 24	23 23	0 7	22 29	0 35	20 16	0 42	23 9	0 23	18 45	3 12	20 23	20 40	25 12		n.a.
W25	11 18	26 5	2 23	2 51	2 36	18 9	0 33	4 27	1 21	23 23	0 7	22 28	0 35	20 16	0 42	23 9	0 23	18 45	3 12	20 23	20 40	25 13		n.a.
T 26	11 38	26 41	3 28	2 41	2 46	18 32	0 35	4 27	1 18	23 23	0 7	22 28	0 35	20 15	0 42	23 9	0 23	18 46	3 12	20 23	20 39	25 14		n.a.
F 27	11 58	25 31	4 19	2 33	2 56	18 54	0 38	4 27	1 15	23 23	0 7	22 28	0 35	20 15	0 42	23 9	0 23	18 46	3 11	20 23	20 38	25 15		n.a.
S 28	12 19	22 48	4 54	2 28	3 4	19 16	0 40	4 27	1 12	23 23	0 7	22 28	0 35	20 15	0 42	23 9	0 23	18 46	3 11	20 23	20 38	25 17		n.a.
S 29	12 39	18 50	5 12	2 25	3 11	19 37	0 43	4 27	1 9	23 23	0 6	22 28	0 35	20 15	0 42	23 9	0 23	18 46	3 11	20 23	20 37	25 18		n.a.
M30	12n58	13s59	5s12	2n25	3s17	19n57	0n45	4n26	1n 6	23s23	0n 6	22s28	0s36	20n15	0n42	23s 9	0n23	18n47	3s11	20n23	20n36	25n19		n.a.

Julian Day Number = 1609746.5, Delta T = 03h54m01s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'34, Lahiri = - 8°10'34 Julian Calendar 1 Apr. 306 BCE == Greg. Calendar 27 March 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

MAY 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 15 30	4♉51'12	19♓51	13♈57	26♉ 6	21°R23	21°R55	22♑10	3♌42	7°R 8	8♊ 6	29°R50	0♊55	22♊ 0	n.a.	T 1
W 2	14 19 27	5°48'33	2♈48	14°20	27°19	21♍20	21♐52	22°11	3°43	7♑ 8	8° 7	29♉46	0°52	22° 7	n.a.	W 2
T 3	14 23 23	6°45'54	15°31	14°48	28°32	21°17	21°49	22°11	3°44	7° 7	8° 8	29°43	0°48	22°13	n.a.	T 3
F 4	14 27 20	7°43'13	28° 1	15°20	29°45	21°16	21°46	22°11	3°45	7° 7	8°10	29°40	0°45	22°20	n.a.	F 4
S 5	14 31 17	8°40'32	10♉19	15°57	0♊58	21°D15	21°42	22°12	3°46	7° 6	8°11	29°38	0°42	22°27	n.a.	S 5
S 6	14 35 13	9°37'51	22°27	16°37	2°11	21°15	21°38	22°12	3°47	7° 5	8°12	29°36	0°39	22°33	n.a.	S 6
M 7	14 39 10	10°35'08	4♊25	17°21	3°24	21°16	21°34	22°12	3°48	7° 5	8°14	29°D36	0°36	22°40	n.a.	M 7
T 8	14 43 6	11°32'24	16°17	18° 9	4°37	21°17	21°30	22°R12	3°49	7° 4	8°15	29°37	0°33	22°47	n.a.	T 8
W 9	14 47 3	12°29'40	28° 6	19° 1	5°50	21°20	21°26	22°12	3°50	7° 3	8°16	29°38	0°29	22°53	n.a.	W 9
T 10	14 50 59	13°26'55	9♋54	19°57	7° 3	21°23	21°21	22°12	3°52	7° 2	8°18	29°40	0°26	23° 0	n.a.	T 10
F 11	14 54 56	14°24'08	21°46	20°56	8°15	21°27	21°17	22°12	3°53	7° 2	8°19	29°41	0°23	23° 7	n.a.	F 11
S 12	14 58 52	15°21'21	3♌46	21°58	9°28	21°32	21°12	22°11	3°54	7° 1	8°21	29°42	0°20	23°13	n.a.	S 12
S 13	15 2 49	16°18'33	16° 0	23° 4	10°41	21°37	21° 7	22°11	3°56	7° 0	8°22	29°R42	0°17	23°20	n.a.	S 13
M14	15 6 46	17°15'44	28°30	24°14	11°54	21°44	21° 2	22°10	3°57	6°59	8°23	29°42	0°14	23°27	n.a.	M14
T 15	15 10 42	18°12'54	11♍23	25°26	13° 6	21°51	20°57	22° 9	3°59	6°58	8°25	29°41	0°10	23°33	n.a.	T 15
W16	15 14 39	19°10'03	24°39	26°42	14°19	21°59	20°51	22° 9	4° 0	6°57	8°26	29°40	0° 7	23°40	n.a.	W16
T 17	15 18 35	20° 7'12	8♎22	28° 2	15°32	22° 7	20°46	22° 8	4° 2	6°56	8°28	29°39	0° 4	23°47	n.a.	T 17
F 18	15 22 32	21° 4'20	22°30	29°24	16°44	22°16	20°40	22° 7	4° 3	6°55	8°29	29°38	0° 1	23°53	n.a.	F 18
S 19	15 26 28	22° 1'27	7♏ 2	0♉50	17°57	22°26	20°34	22° 6	4° 5	6°54	8°31	29°37	29♉58	24° 0	n.a.	S 19
S 20	15 30 25	22°58'34	21°51	2°18	19° 9	22°37	20°28	22° 5	4° 7	6°53	8°32	29°37	29°54	24° 6	n.a.	S 20
M21	15 34 21	23°55'40	6♐50	3°50	20°22	22°48	20°22	22° 3	4° 8	6°52	8°34	29°D37	29°51	24°13	n.a.	M21
T 22	15 38 18	24°52'47	21°51	5°25	21°34	23° 0	20°16	22° 2	4°10	6°51	8°35	29°37	29°48	24°20	n.a.	T 22
W23	15 42 15	25°49'53	6♑47	7° 3	22°47	23°12	20°10	22° 1	4°12	6°50	8°36	29°37	29°45	24°26	n.a.	W23
T 24	15 46 11	26°46'59	21°28	8°44	23°59	23°25	20° 4	21°59	4°14	6°49	8°38	29°38	29°42	24°33	n.a.	T 24
F 25	15 50 8	27°44'05	5♒52	10°28	25°11	23°39	19°57	21°58	4°16	6°48	8°39	29°38	29°39	24°40	n.a.	F 25
S 26	15 54 4	28°41'11	19°54	12°15	26°24	23°53	19°50	21°56	4°18	6°47	8°41	29°38	29°35	24°46	n.a.	S 26
S 27	15 58 1	29°38'18	3♓34	14° 5	27°36	24° 8	19°44	21°54	4°20	6°45	8°42	29°38	29°32	24°53	n.a.	S 27
M28	16 1 57	0♊35'24	16°53	15°57	28°48	24°23	19°37	21°52	4°22	6°44	8°44	29°38	29°29	25° 0	n.a.	M28
T 29	16 5 54	1°32'30	29°51	17°53	0♋ 1	24°40	19°30	21°50	4°24	6°43	8°45	29°38	29°26	25° 6	n.a.	T 29
W30	16 9 51	2°29'37	12♈32	19°50	1°13	24°56	19°23	21°48	4°26	6°42	8°47	29°38	29°23	25°13	n.a.	W30
T 31	16 13 47	3♊26'44	24♈59	21♉50	2♋25	25♍13	19♐16	21♑46	4♌29	6♑40	8♊48	29♉39	29♉20	25♊20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	13n18	8s34	4s55	2n28	3s22	20n17	0n48	4n25	1n 3	23s23	0n 6	22s28	0s36	20n14	0n42	23s 9	0n23	18n47	3s11	20n22	20n36	25n20			n.a.
W 2	13 37	2 54	4 23	2 34	3 26	20 37	0 50	4 24	1 0	23 23	0 6	22 28	0 36	20 14	0 42	23 9	0 23	18 47	3 11	20 21	20 35	25 22			n.a.
T 3	13 56	2n49	3 39	2 42	3 29	20 56	0 52	4 22	0 57	23 23	0 6	22 28	0 36	20 14	0 42	23 9	0 23	18 48	3 11	20 20	20 34	25 23			n.a.
F 4	14 15	8 20	2 45	2 52	3 31	21 14	0 55	4 20	0 54	23 23	0 6	22 29	0 36	20 14	0 42	23 9	0 23	18 48	3 11	20 20	20 34	25 24			n.a.
S 5	14 34	13 27	1 44	3 5	3 32	21 32	0 57	4 18	0 51	23 23	0 6	22 29	0 36	20 13	0 42	23 9	0 23	18 48	3 11	20 19	20 33	25 25			n.a.
S 6	14 53	17 58	0 39	3 21	3 32	21 49	0 59	4 15	0 48	23 22	0 5	22 29	0 36	20 13	0 42	23 9	0 23	18 49	3 11	20 19	20 32	25 27			n.a.
M 7	15 11	21 43	0n27	3 38	3 32	22 6	1 2	4 12	0 46	23 22	0 5	22 29	0 37	20 13	0 42	23 9	0 23	18 49	3 10	20 19	20 32	25 28			n.a.
T 8	15 29	24 31	1 31	3 58	3 30	22 22	1 4	4 9	0 43	23 22	0 5	22 29	0 37	20 13	0 42	23 9	0 23	18 49	3 10	20 19	20 31	25 29			n.a.
W 9	15 47	26 14	2 31	4 20	3 28	22 37	1 6	4 5	0 40	23 22	0 5	22 29	0 37	20 12	0 42	23 9	0 23	18 49	3 10	20 19	20 30	25 30			n.a.
T 10	16 4	26 46	3 25	4 44	3 25	22 52	1 8	4 2	0 37	23 22	0 5	22 29	0 37	20 12	0 42	23 9	0 23	18 50	3 10	20 20	20 30	25 31			n.a.
F 11	16 21	26 4	4 10	5 10	3 21	23 6	1 10	3 58	0 35	23 22	0 5	22 30	0 37	20 12	0 42	23 10	0 23	18 50	3 10	20 20	20 29	25 32			n.a.
S 12	16 38	24 9	4 45	5 37	3 17	23 20	1 12	3 53	0 32	23 22	0 5	22 30	0 37	20 11	0 42	23 10	0 23	18 50	3 10	20 20	20 28	25 34			n.a.
S 13	16 55	21 7	5 8	6 7	3 11	23 33	1 14	3 49	0 30	23 21	0 4	22 30	0 37	20 11	0 42	23 10	0 23	18 51	3 10	20 20	20 28	25 35			n.a.
M14	17 12	17 4	5 17	6 38	3 6	23 45	1 16	3 44	0 27	23 21	0 4	22 30	0 38	20 11	0 42	23 10	0 23	18 51	3 10	20 20	20 27	25 36			n.a.
T 15	17 28	12 9	5 10	7 11	2 59	23 56	1 18	3 39	0 24	23 21	0 4	22 30	0 38	20 10	0 41	23 10	0 23	18 51	3 10	20 20	20 26	25 37			n.a.
W16	17 44	6 32	4 47	7 45	2 52	24 7	1 20	3 33	0 22	23 21	0 4	22 31	0 38	20 10	0 41	23 10	0 23	18 52	3 10	20 20	20 26	25 38			n.a.
T 17	17 59	0 26	4 8	8 21	2 44	24 17	1 22	3 28	0 20	23 21	0 4	22 31	0 38	20 9	0 41	23 10	0 23	18 52	3 10	20 19	20 25	25 39			n.a.
F 18	18 15	5s54	3 12	8 58	2 36	24 27	1 24	3 22	0 17	23 20	0 4	22 31	0 38	20 9	0 41	23 10	0 23	18 52	3 10	20 19	20 24	25 41			n.a.
S 19	18 30	12 6	2 2	9 36	2 28	24 36	1 25	3 16	0 15	23 20	0 4	22 32	0 38	20 8	0 41	23 10	0 23	18 52	3 9	20 19	20 23	25 42			n.a.
S 20	18 45	17 46	0 43	10 15	2 18	24 44	1 27	3 9	0 12	23 20	0 3	22 32	0 39	20 8	0 41	23 10	0 23	18 53	3 9	20 19	20 23	25 43			n.a.
M21	18 59	22 22	0s40	10 56	2 9	24 51	1 28	3 3	0 10	23 19	0 3	22 32	0 39	20 8	0 41	23 10	0 23	18 53	3 9	20 19	20 22	25 44			n.a.
T 22	19 13	25 29	2 0	11 37	1 59	24 58	1 30	2 56	0 8	23 19	0 3	22 33	0 39	20 7	0 41	23 10	0 23	18 53	3 9	20 19	20 21	25 45			n.a.
W23	19 27	26 45	3 12	12 20	1 48	25 3	1 32	2 49	0 6	23 19	0 3	22 33	0 39	20 7	0 41	23 10	0 23	18 54	3 9	20 19	20 21	25 46			n.a.
T 24	19 41	26 6	4 10	13 3	1 38	25 9	1 33	2 42	0 3	23 18	0 3	22 33	0 39	20 6	0 41	23 10	0 23	18 54	3 9	20 19	20 20	25 47			n.a.
F 25	19 54	23 43	4 51	13 46	1 27	25 13	1 34	2 34	0 1	23 18	0 3	22 34	0 39	20 6	0 41	23 10	0 23	18 54	3 9	20 19	20 19	25 48			n.a.
S 26	20 7	19 58	5 13	14 30	1 16	25 17	1 36	2 26	0s 1	23 18	0 3	22 34	0 39	20 5	0 41	23 10	0 23	18 55	3 9	20 19	20 19	25 49			n.a.
S 27	20 19	15 14	5 17	15 14	1 4	25 20	1 37	2 19	0 3	23 17	0 2	22 35	0 40	20 5	0 41	23 10	0 23	18 55	3 9	20 19	20 18	25 50			n.a.
M28	20 31	9 53	5 3	15 59	0 53	25 22	1 38	2 10	0 5	23 17	0 2	22 35	0 40	20 4	0 41	23 10	0 23	18 55	3 9	20 19	20 17	25 51			n.a.
T 29	20 43	4 15	4 35	16 43	0 41	25 23	1 39	2 2	0 7	23 17	0 2	22 36	0 40	20 4	0 41	23 11	0 23	18 55	3 9	20 19	20 17	25 52			n.a.
W30	20 55	1n27	3 53	17 26	0 30	25 24	1 40	1 54	0 9	23 16	0 2	22 36	0 40	20 3	0 41	23 11	0 23	18 56	3 9	20 19	20 16	25 54			n.a.
T 31	21n 6	6n59	3s 1	18n 9	0s18	25n24	1n41	1n45	0s11	23s16	0n 2	22s37	0s40	20n 2	0n41	23s11	0n23	18n56	3s 9	20n19	20n15	25n55			n.a.

Julian Day Number = 1609776.5, Delta T = 03h54m00s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'30, Lahiri = - 8°10'30 Julian Calendar 1 May 306 BCE == Greg. Calendar 26 Apr. 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

JUNE 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 17 44	4♊23'51	7♉13	23♉52	3♋37	25♍31	19°R 9	21°R44	4♏31	6°R39	8♊50	29♉39	29♉16	25♊26	n.a.	F 1
S 2	16 21 40	5°20'58	19°17	25°56	4°49	25°49	19♐ 1	21♑41	4°33	6♑38	8°51	29°39	29°13	25°33	n.a.	S 2
S 3	16 25 37	6°18'06	1♊14	28° 1	6° 1	26° 8	18°54	21°39	4°36	6°36	8°53	29°R39	29°10	25°40	n.a.	S 3
M 4	16 29 33	7°15'13	13° 6	0♊ 8	7°13	26°28	18°47	21°37	4°38	6°35	8°54	29°39	29° 7	25°46	n.a.	M 4
T 5	16 33 30	8°12'21	24°55	2°16	8°25	26°47	18°39	21°34	4°40	6°34	8°56	29°39	29° 4	25°53	n.a.	T 5
W 6	16 37 26	9° 9'29	6♋43	4°25	9°37	27° 8	18°32	21°31	4°43	6°32	8°57	29°38	29° 0	26° 0	n.a.	W 6
T 7	16 41 23	10° 6'37	18°32	6°35	10°49	27°29	18°24	21°29	4°45	6°31	8°59	29°36	28°57	26° 6	n.a.	T 7
F 8	16 45 20	11° 3'45	0♌27	8°44	12° 1	27°50	18°17	21°26	4°48	6°30	9° 1	29°35	28°54	26°13	n.a.	F 8
S 9	16 49 16	12° 0'53	12°29	10°54	13°13	28°12	18° 9	21°23	4°51	6°28	9° 2	29°33	28°51	26°20	n.a.	S 9
S 10	16 53 13	12°58'01	24°43	13° 3	14°25	28°34	18° 1	21°20	4°53	6°27	9° 4	29°32	28°48	26°26	n.a.	S 10
M11	16 57 9	13°55'09	7♍12	15°12	15°37	28°57	17°54	21°17	4°56	6°25	9° 5	29°31	28°45	26°33	n.a.	M11
T 12	17 1 6	14°52'17	20° 0	17°20	16°49	29°20	17°46	21°14	4°59	6°24	9° 7	29°D31	28°41	26°40	n.a.	T 12
W13	17 5 2	15°49'25	3♎11	19°27	18° 0	29°44	17°38	21°11	5° 1	6°22	9° 8	29°32	28°38	26°46	n.a.	W13
T 14	17 8 59	16°46'34	16°47	21°33	19°12	0♎ 8	17°31	21° 7	5° 4	6°21	9°10	29°33	28°35	26°53	n.a.	T 14
F 15	17 12 55	17°43'42	0♏49	23°38	20°24	0°32	17°23	21° 4	5° 7	6°19	9°11	29°34	28°32	27° 0	n.a.	F 15
S 16	17 16 52	18°40'51	15°18	25°41	21°35	0°57	17°15	21° 1	5°10	6°18	9°13	29°35	28°29	27° 6	n.a.	S 16
S 17	17 20 49	19°38'01	0♐ 8	27°43	22°47	1°22	17° 7	20°57	5°13	6°16	9°14	29°R35	28°26	27°13	n.a.	S 17
M18	17 24 45	20°35'11	15°14	29°43	23°58	1°48	17° 0	20°54	5°15	6°15	9°16	29°35	28°22	27°20	n.a.	M18
T 19	17 28 42	21°32'21	0♑27	1♋42	25°10	2°14	16°52	20°50	5°18	6°13	9°17	29°33	28°19	27°26	n.a.	T 19
W20	17 32 38	22°29'32	15°38	3°38	26°21	2°40	16°44	20°47	5°21	6°11	9°18	29°31	28°16	27°33	n.a.	W20
T 21	17 36 35	23°26'44	0♒36	5°34	27°32	3° 7	16°37	20°43	5°24	6°10	9°20	29°28	28°13	27°40	n.a.	T 21
F 22	17 40 31	24°23'57	15°15	7°27	28°44	3°34	16°29	20°39	5°27	6° 8	9°21	29°25	28°10	27°46	n.a.	F 22
S 23	17 44 28	25°21'11	29°28	9°19	29°55	4° 2	16°22	20°35	5°30	6° 7	9°23	29°22	28° 6	27°53	n.a.	S 23
S 24	17 48 25	26°18'26	13♓15	11° 9	1♌ 6	4°29	16°14	20°31	5°34	6° 5	9°24	29°20	28° 3	28° 0	n.a.	S 24
M25	17 52 21	27°15'41	26°34	12°58	2°17	4°58	16° 7	20°28	5°37	6° 4	9°26	29°D20	28° 0	28° 6	n.a.	M25
T 26	17 56 18	28°12'58	9♈29	14°44	3°28	5°26	15°59	20°24	5°40	6° 2	9°27	29°20	27°57	28°13	n.a.	T 26
W27	18 0 14	29°10'16	22° 2	16°29	4°40	5°55	15°52	20°20	5°43	6° 0	9°29	29°21	27°54	28°20	n.a.	W27
T 28	18 4 11	0♋ 7'35	4♉19	18°12	5°51	6°24	15°44	20°16	5°46	5°59	9°30	29°23	27°51	28°26	n.a.	T 28
F 29	18 8 7	1° 4'56	16°24	19°54	7° 1	6°53	15°37	20°11	5°49	5°57	9°32	29°25	27°47	28°33	n.a.	F 29
S 30	18 12 4	2♋ 2'17	28♉19	21♋34	8♌12	7♎23	15♐30	20♑ 7	5♌53	5♑55	9♊33	29°R25	27♉44	28♊40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n17	12n11	2s 1	18n52	0s 7	25n23	1n42	1n36	0s13	23s15	0n 2	22s37	0s40	20n 2	0n41	23s11	0n23	18n56	3s 9	20n19	20n14	25n56		n.a.
S 2	21 27	16 51	0 57	19 33	0n 4	25 22	1 43	1 27	0 15	23 15	0 1	22 38	0 40	20 1	0 41	23 11	0 23	18 57	3 9	20 20	20 14	25 57		n.a.
S 3	21 38	20 48	0n 9	20 13	0 15	25 19	1 44	1 17	0 17	23 14	0 1	22 38	0 41	20 1	0 41	23 11	0 23	18 57	3 8	20 20	20 13	25 58		n.a.
M 4	21 47	23 52	1 14	20 51	0 26	25 16	1 44	1 8	0 19	23 14	0 1	22 39	0 41	20 0	0 41	23 11	0 23	18 57	3 8	20 19	20 12	25 59		n.a.
T 5	21 57	25 54	2 16	21 27	0 36	25 13	1 45	0 58	0 21	23 14	0 1	22 39	0 41	19 59	0 41	23 11	0 23	18 58	3 8	20 19	20 12	26 0		n.a.
W 6	22 6	26 45	3 11	22 2	0 45	25 8	1 46	0 48	0 23	23 13	0 1	22 40	0 41	19 59	0 41	23 11	0 23	18 58	3 8	20 19	20 11	26 1		n.a.
T 7	22 14	26 23	3 59	22 34	0 55	25 3	1 46	0 38	0 25	23 13	0 1	22 40	0 41	19 58	0 41	23 11	0 23	18 58	3 8	20 19	20 10	26 2		n.a.
F 8	22 23	24 48	4 37	23 4	1 3	24 57	1 46	0 28	0 26	23 12	0 1	22 41	0 41	19 57	0 41	23 11	0 23	18 58	3 8	20 18	20 10	26 3		n.a.
S 9	22 30	22 6	5 3	23 31	1 11	24 50	1 47	0 18	0 28	23 11	0 0	22 41	0 41	19 57	0 41	23 11	0 23	18 59	3 8	20 18	20 9	26 4		n.a.
S 10	22 38	18 23	5 15	23 56	1 18	24 43	1 47	0 7	0 30	23 11	0 0	22 42	0 41	19 56	0 41	23 11	0 23	18 59	3 8	20 18	20 8	26 5		n.a.
M11	22 45	13 49	5 14	24 18	1 25	24 35	1 47	0s 3	0 31	23 10	0 0	22 43	0 42	19 56	0 41	23 12	0 23	18 59	3 8	20 18	20 7	26 6		n.a.
T 12	22 52	8 32	4 56	24 38	1 31	24 26	1 47	0 14	0 33	23 10	0s 0	22 43	0 42	19 55	0 41	23 12	0 23	19 0	3 8	20 18	20 7	26 7		n.a.
W13	22 58	2 45	4 24	24 54	1 36	24 17	1 47	0 25	0 35	23 9	0 0	22 44	0 42	19 54	0 41	23 12	0 23	19 0	3 8	20 18	20 6	26 7		n.a.
T 14	23 4	3s22	3 35	25 8	1 40	24 6	1 47	0 36	0 36	23 9	0 0	22 45	0 42	19 53	0 41	23 12	0 23	19 0	3 8	20 18	20 5	26 8		n.a.
F 15	23 10	9 31	2 32	25 19	1 44	23 56	1 47	0 48	0 38	23 8	0 1	22 45	0 42	19 53	0 41	23 12	0 23	19 0	3 8	20 18	20 5	26 9		n.a.
S 16	23 15	15 23	1 18	25 27	1 47	23 44	1 47	0 59	0 39	23 8	0 1	22 46	0 42	19 52	0 41	23 12	0 23	19 1	3 8	20 19	20 4	26 10		n.a.
S 17	23 19	20 29	0s 3	25 32	1 49	23 32	1 46	1 11	0 41	23 7	0 1	22 47	0 42	19 51	0 41	23 12	0 23	19 1	3 8	20 19	20 3	26 11		n.a.
M18	23 24	24 19	1 25	25 35	1 51	23 19	1 46	1 22	0 42	23 6	0 1	22 47	0 43	19 51	0 41	23 12	0 23	19 1	3 8	20 19	20 3	26 12		n.a.
T 19	23 28	26 26	2 42	25 35	1 52	23 5	1 45	1 34	0 44	23 6	0 1	22 48	0 43	19 50	0 41	23 12	0 23	19 1	3 8	20 18	20 2	26 13		n.a.
W20	23 31	26 34	3 47	25 33	1 52	22 51	1 45	1 46	0 45	23 5	0 1	22 49	0 43	19 49	0 41	23 12	0 23	19 2	3 8	20 18	20 1	26 14		n.a.
T 21	23 34	24 45	4 36	25 29	1 52	22 37	1 44	1 58	0 47	23 5	0 2	22 49	0 43	19 48	0 40	23 12	0 23	19 2	3 8	20 17	20 0	26 15		n.a.
F 22	23 37	21 18	5 5	25 22	1 51	22 21	1 43	2 10	0 48	23 4	0 2	22 50	0 43	19 47	0 40	23 12	0 23	19 2	3 8	20 16	20 0	26 16		n.a.
S 23	23 39	16 41	5 14	25 13	1 49	22 5	1 42	2 23	0 50	23 3	0 2	22 51	0 43	19 47	0 40	23 13	0 23	19 2	3 8	20 16	19 59	26 17		n.a.
S 24	23 41	11 21	5 5	25 2	1 47	21 49	1 42	2 35	0 51	23 3	0 2	22 51	0 43	19 46	0 40	23 13	0 23	19 3	3 7	20 15	19 58	26 17		n.a.
M25	23 42	5 39	4 40	24 50	1 45	21 31	1 40	2 48	0 52	23 2	0 2	22 52	0 43	19 45	0 40	23 13	0 23	19 3	3 7	20 15	19 57	26 18		n.a.
T 26	23 43	0n 7	4 1	24 35	1 42	21 14	1 39	3 0	0 54	23 1	0 2	22 53	0 44	19 44	0 40	23 13	0 23	19 3	3 7	20 15	19 57	26 19		n.a.
W27	23 44	5 44	3 11	24 19	1 38	20 55	1 38	3 13	0 55	23 1	0 2	22 54	0 44	19 44	0 40	23 13	0 23	19 3	3 7	20 16	19 56	26 20		n.a.
T 28	23 44	11 2	2 13	24 2	1 34	20 36	1 37	3 26	0 56	23 0	0 3	22 54	0 44	19 43	0 40	23 13	0 23	19 4	3 7	20 16	19 55	26 21		n.a.
F 29	23 44	15 49	1 11	23 42	1 29	20 17	1 35	3 39	0 57	23 0	0 3	22 55	0 44	19 42	0 40	23 13	0 23	19 4	3 7	20 16	19 55	26 22		n.a.
S 30	23n43	19n56	0s 6	23n22	1n24	19n57	1n34	3s52	0s59	22s59	0s 3	22s56	0s44	19n41	0n40	23s13	0n23	19n 4	3s 7	20n16	19n54	26n23		n.a.

Julian Day Number = 1609807.5, Delta T = 03h53m59s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'26, Lahiri = - 8°10'25 Julian Calendar 1 June 306 BCE == Greg. Calendar 27 May 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

JULY 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 16 0	2♋59'40	10♊10	23♋12	9♌23	7♎53	15°R23	20°R 3	5♌56	5°R54	9♊34	29°R25	27♉41	28♊46	n.a.	S 1
M 2	18 19 57	3°57'04	21°58	24°48	10°34	8°24	15♐16	19♑59	5°59	5♑52	9°36	29♉22	27°38	28°53	n.a.	M 2
T 3	18 23 54	4°54'29	3♋46	26°23	11°45	8°55	15° 9	19°55	6° 3	5°51	9°37	29°19	27°35	29° 0	n.a.	T 3
W 4	18 27 50	5°51'55	15°36	27°56	12°56	9°26	15° 2	19°50	6° 6	5°49	9°39	29°13	27°32	29° 6	n.a.	W 4
T 5	18 31 47	6°49'22	27°31	29°28	14° 6	9°57	14°56	19°46	6° 9	5°47	9°40	29° 7	27°28	29°13	n.a.	T 5
F 6	18 35 43	7°46'50	9♌31	0♌57	15°17	10°28	14°49	19°42	6°13	5°46	9°41	29° 0	27°25	29°20	n.a.	F 6
S 7	18 39 40	8°44'19	21°40	2°25	16°27	11° 0	14°43	19°37	6°16	5°44	9°43	28°53	27°22	29°26	n.a.	S 7
S 8	18 43 36	9°41'49	3♍59	3°51	17°38	11°33	14°36	19°33	6°20	5°42	9°44	28°47	27°19	29°33	n.a.	S 8
M 9	18 47 33	10°39'20	16°31	5°16	18°48	12° 5	14°30	19°29	6°23	5°41	9°45	28°43	27°16	29°40	n.a.	M 9
T 10	18 51 29	11°36'52	29°18	6°38	19°58	12°38	14°24	19°24	6°27	5°39	9°47	28°40	27°12	29°46	n.a.	T 10
W11	18 55 26	12°34'25	12♎25	7°59	21° 9	13°11	14°18	19°20	6°30	5°38	9°48	28°D39	27° 9	29°53	n.a.	W11
T 12	18 59 23	13°31'59	25°53	9°18	22°19	13°44	14°12	19°15	6°34	5°36	9°49	28°40	27° 6	29°59	n.a.	T 12
F 13	19 3 19	14°29'34	9♏44	10°35	23°29	14°17	14° 6	19°11	6°37	5°34	9°51	28°41	27° 3	0♋ 6	n.a.	F 13
S 14	19 7 16	15°27'10	24° 0	11°50	24°39	14°51	14° 1	19° 6	6°41	5°33	9°52	28°R42	27° 0	0°13	n.a.	S 14
S 15	19 11 12	16°24'47	8♐40	13° 3	25°49	15°25	13°55	19° 2	6°44	5°31	9°53	28°42	26°57	0°20	n.a.	S 15
M16	19 15 9	17°22'26	23°38	14°14	26°59	15°59	13°50	18°57	6°48	5°30	9°54	28°40	26°53	0°26	n.a.	M16
T 17	19 19 5	18°20'06	8♑47	15°22	28° 8	16°33	13°45	18°53	6°52	5°28	9°56	28°35	26°50	0°33	n.a.	T 17
W18	19 23 2	19°17'47	24° 0	16°29	29°18	17° 8	13°40	18°48	6°55	5°26	9°57	28°29	26°47	0°40	n.a.	W18
T 19	19 26 58	20°15'30	9♒ 4	17°33	0♏28	17°43	13°35	18°44	6°59	5°25	9°58	28°22	26°44	0°46	n.a.	T 19
F 20	19 30 55	21°13'14	23°51	18°34	1°37	18°18	13°30	18°39	7° 3	5°23	9°59	28°14	26°41	0°53	n.a.	F 20
S 21	19 34 52	22°11'00	8♓13	19°33	2°47	18°53	13°26	18°35	7° 6	5°22	10° 0	28° 6	26°38	1° 0	n.a.	S 21
S 22	19 38 48	23° 8'48	22° 7	20°29	3°56	19°29	13°21	18°30	7°10	5°20	10° 2	28° 1	26°34	1° 6	n.a.	S 22
M23	19 42 45	24° 6'37	5♈31	21°22	5° 5	20° 4	13°17	18°26	7°14	5°19	10° 3	27°57	26°31	1°13	n.a.	M23
T 24	19 46 41	25° 4'29	18°28	22°12	6°15	20°40	13°13	18°21	7°17	5°17	10° 4	27°55	26°28	1°20	n.a.	T 24
W25	19 50 38	26° 2'22	1♉ 1	22°59	7°24	21°16	13° 9	18°17	7°21	5°16	10° 5	27°D55	26°25	1°26	n.a.	W25
T 26	19 54 34	27° 0'17	13°16	23°42	8°33	21°53	13° 5	18°12	7°25	5°14	10° 6	27°56	26°22	1°33	n.a.	T 26
F 27	19 58 31	27°58'14	25°16	24°22	9°42	22°29	13° 2	18° 8	7°28	5°13	10° 7	27°R56	26°18	1°40	n.a.	F 27
S 28	20 2 27	28°56'14	7♊ 8	24°58	10°50	23° 6	12°59	18° 3	7°32	5°11	10° 8	27°56	26°15	1°46	n.a.	S 28
S 29	20 6 24	29°54'15	18°56	25°30	11°59	23°43	12°55	17°59	7°36	5°10	10° 9	27°54	26°12	1°53	n.a.	S 29
M30	20 10 21	0♌52'18	0♋43	25°57	13° 8	24°20	12°52	17°55	7°40	5° 8	10°10	27°49	26° 9	2° 0	n.a.	M30
T 31	20 14 17	1♌50'23	12♋34	26♌20	14♍16	24♎57	12♐50	17♑50	7♌43	5♑ 7	10♊11	27♉42	26♉ 6	2♋ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n42	23n13	0n58	23n 0	1n19	19n36	1n32	4s 5	1s 0	22s58	0s 3	22s57	0s44	19n40	0n40	23s13	0n23	19n 4	3s 7	20n16	19n53	26n23			n.a.
M 2	23 40	25 29	2 0	22 37	1 13	19 15	1 31	4 18	1 1	22 58	0 3	22 57	0 44	19 39	0 40	23 13	0 23	19 5	3 7	20 16	19 52	26 24			n.a.
T 3	23 38	26 37	2 56	22 13	1 6	18 54	1 29	4 31	1 2	22 57	0 3	22 58	0 44	19 39	0 40	23 13	0 23	19 5	3 7	20 15	19 52	26 25			n.a.
W 4	23 36	26 32	3 45	21 48	1 0	18 32	1 27	4 45	1 3	22 56	0 4	22 59	0 44	19 38	0 40	23 13	0 23	19 5	3 7	20 14	19 51	26 26			n.a.
T 5	23 33	25 14	4 24	21 22	0 53	18 9	1 25	4 58	1 5	22 56	0 4	23 0	0 45	19 37	0 40	23 14	0 23	19 5	3 7	20 12	19 50	26 27			n.a.
F 6	23 30	22 46	4 52	20 56	0 45	17 47	1 23	5 12	1 6	22 55	0 4	23 0	0 45	19 36	0 40	23 14	0 23	19 6	3 7	20 11	19 49	26 27			n.a.
S 7	23 26	19 17	5 7	20 28	0 38	17 23	1 21	5 26	1 7	22 55	0 4	23 1	0 45	19 35	0 40	23 14	0 23	19 6	3 7	20 9	19 49	26 28			n.a.
S 8	23 22	14 56	5 8	20 1	0 30	16 59	1 19	5 39	1 8	22 54	0 4	23 2	0 45	19 34	0 40	23 14	0 23	19 6	3 7	20 8	19 48	26 29			n.a.
M 9	23 18	9 54	4 55	19 32	0 22	16 35	1 17	5 53	1 9	22 53	0 4	23 3	0 45	19 33	0 40	23 14	0 23	19 6	3 7	20 7	19 47	26 30			n.a.
T 10	23 13	4 21	4 27	19 3	0 13	16 11	1 14	6 7	1 10	22 53	0 4	23 3	0 45	19 32	0 40	23 14	0 23	19 6	3 7	20 7	19 47	26 30			n.a.
W11	23 8	1s32	3 44	18 34	0 4	15 46	1 12	6 21	1 11	22 52	0 5	23 4	0 45	19 31	0 40	23 14	0 23	19 7	3 7	20 6	19 46	26 31			n.a.
T 12	23 2	7 31	2 48	18 4	0s 5	15 20	1 9	6 35	1 12	22 52	0 5	23 5	0 45	19 31	0 40	23 14	0 23	19 7	3 7	20 6	19 45	26 32			n.a.
F 13	22 56	13 19	1 41	17 34	0 14	14 54	1 7	6 49	1 13	22 51	0 5	23 5	0 45	19 30	0 40	23 14	0 23	19 7	3 7	20 7	19 44	26 33			n.a.
S 14	22 50	18 36	0 25	17 4	0 24	14 28	1 4	7 3	1 14	22 51	0 5	23 6	0 45	19 29	0 40	23 14	0 23	19 7	3 7	20 7	19 44	26 33			n.a.
S 15	22 43	22 54	0s54	16 34	0 33	14 2	1 1	7 17	1 15	22 50	0 5	23 7	0 46	19 28	0 40	23 14	0 23	19 7	3 7	20 7	19 43	26 34			n.a.
M16	22 35	25 45	2 10	16 5	0 43	13 35	0 58	7 32	1 16	22 50	0 5	23 8	0 46	19 27	0 40	23 14	0 23	19 8	3 7	20 6	19 42	26 35			n.a.
T 17	22 28	26 45	3 19	15 35	0 53	13 8	0 56	7 46	1 17	22 49	0 5	23 8	0 46	19 26	0 40	23 15	0 23	19 8	3 7	20 5	19 41	26 36			n.a.
W18	22 20	25 44	4 13	15 5	1 3	12 41	0 53	8 0	1 17	22 49	0 6	23 9	0 46	19 25	0 40	23 15	0 23	19 8	3 7	20 4	19 41	26 36			n.a.
T 19	22 11	22 51	4 49	14 36	1 14	12 13	0 49	8 14	1 18	22 48	0 6	23 10	0 46	19 24	0 40	23 15	0 23	19 8	3 7	20 2	19 40	26 37			n.a.
F 20	22 2	18 32	5 6	14 7	1 24	11 45	0 46	8 29	1 19	22 48	0 6	23 11	0 46	19 23	0 40	23 15	0 23	19 8	3 7	20 1	19 39	26 38			n.a.
S 21	21 53	13 14	5 2	13 39	1 35	11 17	0 43	8 43	1 20	22 47	0 6	23 11	0 46	19 22	0 40	23 15	0 23	19 9	3 7	19 59	19 38	26 38			n.a.
S 22	21 43	7 27	4 40	13 11	1 45	10 48	0 40	8 57	1 21	22 47	0 6	23 12	0 46	19 21	0 40	23 15	0 23	19 9	3 7	19 58	19 38	26 39			n.a.
M23	21 33	1 30	4 3	12 44	1 56	10 19	0 36	9 12	1 22	22 47	0 6	23 13	0 46	19 20	0 40	23 15	0 23	19 9	3 7	19 57	19 37	26 40			n.a.
T 24	21 23	4n19	3 15	12 17	2 6	9 50	0 33	9 26	1 22	22 46	0 6	23 13	0 46	19 19	0 40	23 15	0 23	19 9	3 7	19 56	19 36	26 40			n.a.
W25	21 12	9 48	2 19	11 52	2 17	9 21	0 29	9 41	1 23	22 46	0 7	23 14	0 46	19 18	0 40	23 15	0 22	19 9	3 7	19 56	19 35	26 41			n.a.
T 26	21 1	14 47	1 18	11 28	2 28	8 52	0 26	9 55	1 24	22 46	0 7	23 15	0 47	19 17	0 40	23 15	0 22	19 9	3 7	19 57	19 35	26 42			n.a.
F 27	20 49	19 5	0 14	11 5	2 38	8 22	0 22	10 10	1 25	22 45	0 7	23 15	0 47	19 16	0 40	23 15	0 22	19 10	3 7	19 57	19 34	26 42			n.a.
S 28	20 37	22 34	0n49	10 43	2 48	7 52	0 18	10 24	1 25	22 45	0 7	23 16	0 47	19 15	0 40	23 15	0 22	19 10	3 7	19 57	19 33	26 43			n.a.
S 29	20 25	25 5	1 50	10 23	2 58	7 22	0 14	10 39	1 26	22 45	0 7	23 17	0 47	19 15	0 40	23 15	0 22	19 10	3 7	19 56	19 32	26 44			n.a.
M30	20 13	26 29	2 46	10 4	3 8	6 52	0 10	10 53	1 27	22 44	0 7	23 17	0 47	19 14	0 40	23 16	0 22	19 10	3 7	19 55	19 32	26 44			n.a.
T 31	20n 0	26n41	3n34	9n48	3s18	6n22	0n 6	11s 8	1s28	22s44	0s 7	23s18	0s47	19n13	0n40	23s16	0n22	19n10	3s 7	19n53	19n31	26n45			n.a.

Julian Day Number = 1609837.5, Delta T = 03h53m58s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'22, Lahiri = - 8°10'21 Julian Calendar 1 July 306 BCE == Greg. Calendar 26 June 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

AUGUST 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 18 14	2♌48'30	24♋30	26♌37	15♍25	25♎35	12°R47	17°R46	7♌47	5°R 6	10♊12	27°R32	26♉ 3	2♋13	n.a.	W 1
T 2	20 22 10	3°46'38	6♌33	26°50	16°33	26°12	12♐45	17♑42	7°51	5♑ 4	10°13	27♉20	25°59	2°20	n.a.	T 2
F 3	20 26 7	4°44'49	18°45	26°57	17°41	26°50	12°42	17°38	7°55	5° 3	10°14	27° 8	25°56	2°26	n.a.	F 3
S 4	20 30 3	5°43'01	1♍ 6	26°R58	18°49	27°28	12°40	17°33	7°58	5° 2	10°15	26°56	25°53	2°33	n.a.	S 4
S 5	20 34 0	6°41'15	13°37	26°53	19°57	28° 7	12°38	17°29	8° 2	5° 0	10°16	26°45	25°50	2°40	n.a.	S 5
M 6	20 37 56	7°39'30	26°19	26°42	21° 5	28°45	12°37	17°25	8° 6	4°59	10°17	26°37	25°47	2°46	n.a.	M 6
T 7	20 41 53	8°37'47	9♎14	26°25	22°13	29°23	12°35	17°21	8°10	4°58	10°18	26°31	25°44	2°53	n.a.	T 7
W 8	20 45 50	9°36'06	22°23	26° 1	23°21	0♏ 2	12°34	17°17	8°13	4°56	10°19	26°27	25°40	3° 0	n.a.	W 8
T 9	20 49 46	10°34'27	5♏48	25°30	24°28	0°41	12°33	17°13	8°17	4°55	10°20	26°D26	25°37	3° 7	n.a.	T 9
F 10	20 53 43	11°32'49	19°31	24°53	25°35	1°20	12°32	17° 9	8°21	4°54	10°21	26°R26	25°34	3°13	n.a.	F 10
S 11	20 57 39	12°31'13	3♐34	24°11	26°43	1°59	12°31	17° 5	8°25	4°53	10°21	26°26	25°31	3°20	n.a.	S 11
S 12	21 1 36	13°29'39	17°57	23°22	27°50	2°39	12°31	17° 2	8°29	4°51	10°22	26°25	25°28	3°27	n.a.	S 12
M13	21 5 32	14°28'06	2♑37	22°29	28°57	3°18	12°30	16°58	8°32	4°50	10°23	26°21	25°24	3°33	n.a.	M13
T 14	21 9 29	15°26'35	17°29	21°31	0♎ 3	3°58	12°D30	16°54	8°36	4°49	10°24	26°15	25°21	3°40	n.a.	T 14
W15	21 13 25	16°25'06	2♒27	20°31	1°10	4°38	12°30	16°51	8°40	4°48	10°25	26° 6	25°18	3°47	n.a.	W15
T 16	21 17 22	17°23'39	17°21	19°28	2°17	5°17	12°30	16°47	8°44	4°47	10°25	25°55	25°15	3°53	n.a.	T 16
F 17	21 21 19	18°22'14	2♓ 3	18°25	3°23	5°57	12°31	16°44	8°47	4°46	10°26	25°44	25°12	4° 0	n.a.	F 17
S 18	21 25 15	19°20'51	16°24	17°23	4°29	6°38	12°32	16°40	8°51	4°45	10°27	25°33	25° 9	4° 7	n.a.	S 18
S 19	21 29 12	20°19'30	0♈20	16°24	5°35	7°18	12°32	16°37	8°55	4°44	10°27	25°24	25° 5	4°13	n.a.	S 19
M20	21 33 8	21°18'11	13°47	15°28	6°41	7°58	12°33	16°33	8°58	4°43	10°28	25°17	25° 2	4°20	n.a.	M20
T 21	21 37 5	22°16'55	26°47	14°38	7°46	8°39	12°35	16°30	9° 2	4°42	10°29	25°13	24°59	4°27	n.a.	T 21
W22	21 41 1	23°15'41	9♉23	13°55	8°52	9°20	12°36	16°27	9° 6	4°41	10°29	25°12	24°56	4°33	n.a.	W22
T 23	21 44 58	24°14'30	21°39	13°20	9°57	10° 1	12°38	16°24	9° 9	4°40	10°30	25°11	24°53	4°40	n.a.	T 23
F 24	21 48 54	25°13'20	3♊40	12°54	11° 2	10°42	12°39	16°21	9°13	4°39	10°30	25°11	24°50	4°47	n.a.	F 24
S 25	21 52 51	26°12'14	15°32	12°37	12° 7	11°23	12°41	16°18	9°17	4°38	10°31	25°10	24°46	4°53	n.a.	S 25
S 26	21 56 48	27°11'09	27°20	12°D29	13°11	12° 4	12°43	16°15	9°20	4°37	10°31	25° 7	24°43	5° 0	n.a.	S 26
M27	22 0 44	28°10'07	9♋10	12°32	14°16	12°45	12°46	16°12	9°24	4°37	10°32	25° 2	24°40	5° 7	n.a.	M27
T 28	22 4 41	29° 9'08	21° 4	12°45	15°20	13°27	12°48	16°10	9°28	4°36	10°32	24°54	24°37	5°13	n.a.	T 28
W29	22 8 37	0♍ 8'10	3♌ 7	13° 8	16°24	14° 9	12°51	16° 7	9°31	4°35	10°33	24°43	24°34	5°20	n.a.	W29
T 30	22 12 34	1° 7'15	15°20	13°41	17°28	14°50	12°54	16° 5	9°35	4°34	10°33	24°30	24°30	5°27	n.a.	T 30
F 31	22 16 30	2♍ 6'22	27♌45	14♌22	18♎31	15♏32	12♐57	16♑ 2	9♌38	4♑34	10♊33	24♉17	24♉27	5♋33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	19n46	25n39	4n14	9n33	3s27	5n51	0n 2	11s22	1s28	22s44	0s 7	23s19	0s47	19n12	0n40	23s16	0n22	19n10	3s 7	19n51	19n30	26n45			n.a.
T 2	19 33	23 25	4 43	9 21	3 36	5 21	0s 2	11 37	1 29	22 44	0 8	23 19	0 47	19 11	0 40	23 16	0 22	19 10	3 7	19 48	19 29	26 46			n.a.
F 3	19 19	20 7	4 59	9 11	3 44	4 50	0 6	11 51	1 29	22 44	0 8	23 20	0 47	19 10	0 40	23 16	0 22	19 11	3 7	19 46	19 29	26 47			n.a.
S 4	19 4	15 54	5 1	9 3	3 52	4 19	0 10	12 6	1 30	22 43	0 8	23 21	0 47	19 9	0 40	23 16	0 22	19 11	3 7	19 43	19 28	26 47			n.a.
S 5	18 50	10 57	4 49	8 58	3 58	3 48	0 15	12 20	1 31	22 43	0 8	23 21	0 47	19 8	0 40	23 16	0 22	19 11	3 7	19 40	19 27	26 48			n.a.
M 6	18 35	5 30	4 23	8 57	4 4	3 17	0 19	12 35	1 31	22 43	0 8	23 22	0 47	19 7	0 40	23 16	0 22	19 11	3 7	19 38	19 26	26 48			n.a.
T 7	18 20	0s18	3 43	8 58	4 9	2 46	0 23	12 49	1 32	22 43	0 8	23 22	0 47	19 6	0 40	23 16	0 22	19 11	3 7	19 37	19 26	26 49			n.a.
W 8	18 4	6 11	2 50	9 3	4 12	2 15	0 28	13 4	1 32	22 43	0 8	23 23	0 47	19 5	0 40	23 16	0 22	19 11	3 7	19 36	19 25	26 49			n.a.
T 9	17 48	11 56	1 47	9 11	4 15	1 44	0 32	13 18	1 33	22 43	0 8	23 24	0 47	19 4	0 40	23 16	0 22	19 11	3 7	19 36	19 24	26 50			n.a.
F 10	17 32	17 14	0 37	9 23	4 15	1 13	0 37	13 32	1 33	22 43	0 9	23 24	0 47	19 3	0 40	23 16	0 22	19 11	3 7	19 36	19 23	26 50			n.a.
S 11	17 15	21 45	0s38	9 38	4 14	0 41	0 41	13 47	1 34	22 43	0 9	23 25	0 48	19 2	0 40	23 16	0 22	19 12	3 7	19 36	19 23	26 51			n.a.
S 12	16 59	25 2	1 51	9 56	4 12	0 10	0 46	14 1	1 35	22 43	0 9	23 25	0 48	19 1	0 40	23 16	0 22	19 12	3 7	19 35	19 22	26 52			n.a.
M13	16 42	26 41	2 59	10 18	4 7	0s21	0 51	14 15	1 35	22 43	0 9	23 26	0 48	19 0	0 40	23 17	0 22	19 12	3 7	19 35	19 21	26 52			n.a.
T 14	16 24	26 28	3 55	10 43	4 0	0 52	0 55	14 29	1 35	22 43	0 9	23 26	0 48	18 59	0 40	23 17	0 22	19 12	3 7	19 33	19 20	26 53			n.a.
W15	16 7	24 19	4 36	11 10	3 52	1 23	1 0	14 43	1 36	22 43	0 9	23 27	0 48	18 58	0 40	23 17	0 22	19 12	3 7	19 31	19 19	26 53			n.a.
T 16	15 49	20 32	4 57	11 40	3 41	1 54	1 5	14 57	1 36	22 44	0 9	23 27	0 48	18 57	0 40	23 17	0 22	19 12	3 7	19 28	19 19	26 54			n.a.
F 17	15 30	15 31	4 59	12 11	3 28	2 26	1 10	15 11	1 37	22 44	0 9	23 28	0 48	18 56	0 40	23 17	0 22	19 12	3 7	19 26	19 18	26 54			n.a.
S 18	15 12	9 44	4 41	12 44	3 14	2 57	1 15	15 25	1 37	22 44	0 9	23 28	0 48	18 55	0 40	23 17	0 22	19 12	3 7	19 23	19 17	26 55			n.a.
S 19	14 53	3 38	4 7	13 17	2 58	3 27	1 20	15 39	1 38	22 44	0 10	23 29	0 48	18 54	0 40	23 17	0 22	19 12	3 7	19 21	19 16	26 55			n.a.
M20	14 34	2n26	3 20	13 50	2 41	3 58	1 24	15 53	1 38	22 44	0 10	23 29	0 48	18 53	0 40	23 17	0 22	19 12	3 7	19 19	19 16	26 55			n.a.
T 21	14 15	8 13	2 24	14 22	2 23	4 29	1 29	16 7	1 38	22 45	0 10	23 30	0 48	18 52	0 40	23 17	0 22	19 12	3 7	19 18	19 15	26 56			n.a.
W22	13 56	13 29	1 23	14 53	2 4	5 0	1 34	16 20	1 39	22 45	0 10	23 30	0 48	18 51	0 40	23 17	0 22	19 13	3 7	19 18	19 14	26 56			n.a.
T 23	13 36	18 6	0 19	15 22	1 44	5 30	1 39	16 34	1 39	22 45	0 10	23 30	0 48	18 50	0 40	23 17	0 22	19 13	3 7	19 18	19 13	26 57			n.a.
F 24	13 16	21 53	0n45	15 48	1 25	6 1	1 44	16 47	1 39	22 46	0 10	23 31	0 48	18 49	0 40	23 17	0 22	19 13	3 7	19 18	19 12	26 57			n.a.
S 25	12 56	24 41	1 45	16 11	1 5	6 31	1 49	17 0	1 40	22 46	0 10	23 31	0 48	18 48	0 40	23 17	0 22	19 13	3 7	19 18	19 12	26 58			n.a.
S 26	12 36	26 24	2 41	16 32	0 46	7 1	1 54	17 14	1 40	22 46	0 10	23 32	0 48	18 47	0 40	23 17	0 22	19 13	3 7	19 17	19 11	26 58			n.a.
M27	12 15	26 54	3 30	16 49	0 27	7 31	1 59	17 27	1 40	22 47	0 10	23 32	0 48	18 46	0 40	23 17	0 22	19 13	3 7	19 16	19 10	26 58			n.a.
T 28	11 55	26 11	4 10	17 2	0 10	8 1	2 5	17 40	1 41	22 47	0 11	23 32	0 48	18 45	0 40	23 17	0 22	19 13	3 7	19 14	19 9	26 59			n.a.
W29	11 34	24 13	4 39	17 11	0n 7	8 31	2 10	17 53	1 41	22 48	0 11	23 33	0 48	18 44	0 40	23 17	0 22	19 13	3 7	19 11	19 9	26 59			n.a.
T 30	11 13	21 8	4 56	17 17	0 23	9 0	2 15	18 6	1 41	22 48	0 11	23 33	0 48	18 43	0 40	23 17	0 22	19 13	3 7	19 8	19 8	27 0			n.a.
F 31	10n51	17n 4	4n59	17n19	0n37	9s30	2s20	18s18	1s41	22s49	0s11	23s33	0s48	18n42	0n40	23s18	0n22	19n13	3s 7	19n 4	19n 7	27n 0			n.a.

Julian Day Number = 1609868.5, Delta T = 03h53m57s
Ecliptic obliquity = 23°44'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'17, Lahiri = - 8°10'17 Julian Calendar 1 Aug. 306 BCE == Greg. Calendar 27 July 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

SEPTEMBER 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 20 27	3♍ 5'31	10♍22	15♌13	19♎35	16♏14	13♐ 0	16°R 0	9♌42	4°R33	10♊34	24°R 3	24♉24	5♋40	n.a.	S 1
S 2	22 24 23	4° 4'42	23°12	16°10	20°38	16°56	13° 4	15♑57	9°46	4♑32	10°34	23♉51	24°21	5°47	n.a.	S 2
M 3	22 28 20	5° 3'56	6♎12	17°16	21°41	17°38	13° 8	15°55	9°49	4°32	10°34	23°41	24°18	5°53	n.a.	M 3
T 4	22 32 16	6° 3'11	19°24	18°27	22°43	18°21	13°11	15°53	9°53	4°31	10°35	23°35	24°15	6° 0	n.a.	T 4
W 5	22 36 13	7° 2'28	2♏46	19°44	23°45	19° 3	13°15	15°51	9°56	4°31	10°35	23°31	24°11	6° 7	n.a.	W 5
T 6	22 40 10	8° 1'47	16°19	21° 6	24°47	19°46	13°20	15°49	9°59	4°30	10°35	23°29	24° 8	6°13	n.a.	T 6
F 7	22 44 6	9° 1'09	0♐ 4	22°33	25°49	20°28	13°24	15°47	10° 3	4°30	10°35	23°D29	24° 5	6°20	n.a.	F 7
S 8	22 48 3	10° 0'32	14° 1	24° 3	26°50	21°11	13°29	15°46	10° 6	4°29	10°36	23°R29	24° 2	6°27	n.a.	S 8
S 9	22 51 59	10°59'57	28°11	25°36	27°51	21°54	13°33	15°44	10°10	4°29	10°36	23°28	23°59	6°34	n.a.	S 9
M10	22 55 56	11°59'23	12♑31	27°12	28°52	22°37	13°38	15°43	10°13	4°28	10°36	23°25	23°55	6°40	n.a.	M10
T 11	22 59 52	12°58'52	27° 0	28°50	29°52	23°20	13°43	15°41	10°16	4°28	10°36	23°19	23°52	6°47	n.a.	T 11
W12	23 3 49	13°58'22	11♒33	0♍30	0♏52	24° 3	13°49	15°40	10°20	4°28	10°36	23°11	23°49	6°54	n.a.	W12
T 13	23 7 45	14°57'55	26° 4	2°10	1°52	24°46	13°54	15°39	10°23	4°27	10°36	23° 1	23°46	7° 0	n.a.	T 13
F 14	23 11 42	15°57'29	10♓26	3°52	2°51	25°29	13°59	15°38	10°26	4°27	10°36	22°50	23°43	7° 7	n.a.	F 14
S 15	23 15 39	16°57'05	24°32	5°35	3°50	26°13	14° 5	15°36	10°29	4°27	10°36	22°40	23°40	7°14	n.a.	S 15
S 16	23 19 35	17°56'44	8♈18	7°18	4°48	26°56	14°11	15°36	10°33	4°27	10°R36	22°31	23°36	7°20	n.a.	S 16
M17	23 23 32	18°56'25	21°41	9° 1	5°46	27°40	14°17	15°35	10°36	4°26	10°36	22°24	23°33	7°27	n.a.	M17
T 18	23 27 28	19°56'08	4♉40	10°44	6°43	28°23	14°23	15°34	10°39	4°26	10°36	22°21	23°30	7°34	n.a.	T 18
W19	23 31 25	20°55'53	17°16	12°28	7°40	29° 7	14°30	15°33	10°42	4°26	10°36	22°D19	23°27	7°40	n.a.	W19
T 20	23 35 21	21°55'41	29°34	14°11	8°37	29°51	14°36	15°33	10°45	4°26	10°36	22°19	23°24	7°47	n.a.	T 20
F 21	23 39 18	22°55'31	11♊37	15°54	9°33	0♐35	14°43	15°32	10°48	4°D26	10°36	22°20	23°21	7°54	n.a.	F 21
S 22	23 43 14	23°55'23	23°31	17°37	10°29	1°19	14°50	15°32	10°51	4°26	10°36	22°R20	23°17	8° 0	n.a.	S 22
S 23	23 47 11	24°55'18	5♋21	19°19	11°24	2° 3	14°57	15°32	10°54	4°26	10°36	22°20	23°14	8° 7	n.a.	S 23
M24	23 51 7	25°55'15	17°11	21° 1	12°18	2°47	15° 4	15°32	10°57	4°26	10°36	22°17	23°11	8°14	n.a.	M24
T 25	23 55 4	26°55'15	29° 9	22°43	13°12	3°31	15°11	15°D32	11° 0	4°26	10°35	22°12	23° 8	8°20	n.a.	T 25
W26	23 59 1	27°55'16	11♌16	24°24	14° 5	4°15	15°19	15°32	11° 3	4°27	10°35	22° 5	23° 5	8°27	n.a.	W26
T 27	0 2 57	28°55'20	23°37	26° 4	14°58	4°59	15°27	15°32	11° 6	4°27	10°35	21°56	23° 1	8°34	n.a.	T 27
F 28	0 6 54	29°55'26	6♍13	27°44	15°50	5°44	15°34	15°32	11° 8	4°27	10°35	21°47	22°58	8°41	n.a.	F 28
S 29	0 10 50	0♎55'34	19° 6	29°24	16°42	6°28	15°42	15°33	11°11	4°27	10°34	21°37	22°55	8°47	n.a.	S 29
S 30	0 14 47	1♎55'43	2♎15	1♎ 3	17♏32	7♐13	15♐50	15♑33	11♌14	4♑27	10♊34	21♉29	22♉52	8♋54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n30	12n12	4n48	17n16	0n50	9s59	2s25	18s31	1s42	22s49	0s11	23s34	0s48	18n41	0n40	23s18	0n22	19n13	3s 7	19n 1	19n 6	27n 0		n.a.
S 2	10 8	6 44	4 22	17 10	1 2	10 28	2 30	18 44	1 42	22 50	0 11	23 34	0 48	18 40	0 40	23 18	0 22	19 13	3 7	18 58	19 5	27 1		n.a.
M 3	9 46	0 54	3 42	17 0	1 13	10 56	2 35	18 56	1 42	22 50	0 11	23 34	0 48	18 39	0 40	23 18	0 22	19 13	3 7	18 56	19 5	27 1		n.a.
T 4	9 24	5s 4	2 50	16 47	1 22	11 24	2 40	19 8	1 42	22 51	0 11	23 35	0 48	18 38	0 40	23 18	0 22	19 13	3 7	18 54	19 4	27 1		n.a.
W 5	9 2	10 54	1 47	16 30	1 30	11 53	2 45	19 20	1 42	22 51	0 11	23 35	0 48	18 38	0 41	23 18	0 22	19 13	3 7	18 53	19 3	27 2		n.a.
T 6	8 40	16 19	0 38	16 10	1 37	12 20	2 50	19 32	1 43	22 52	0 11	23 35	0 48	18 37	0 41	23 18	0 22	19 13	3 7	18 52	19 2	27 2		n.a.
F 7	8 17	20 59	0s35	15 47	1 43	12 48	2 55	19 44	1 43	22 53	0 12	23 35	0 48	18 36	0 41	23 18	0 22	19 13	3 7	18 52	19 1	27 2		n.a.
S 8	7 55	24 32	1 47	15 21	1 48	13 15	3 0	19 56	1 43	22 53	0 12	23 35	0 48	18 35	0 41	23 18	0 22	19 13	3 7	18 52	19 1	27 3		n.a.
S 9	7 32	26 36	2 53	14 53	1 51	13 42	3 5	20 7	1 43	22 54	0 12	23 36	0 48	18 34	0 41	23 18	0 22	19 13	3 7	18 52	19 0	27 3		n.a.
M10	7 9	26 56	3 49	14 22	1 54	14 9	3 9	20 19	1 43	22 55	0 12	23 36	0 48	18 33	0 41	23 18	0 21	19 13	3 7	18 51	18 59	27 3		n.a.
T 11	6 46	25 27	4 31	13 50	1 56	14 35	3 14	20 30	1 43	22 55	0 12	23 36	0 48	18 32	0 41	23 18	0 21	19 13	3 7	18 50	18 58	27 4		n.a.
W12	6 23	22 16	4 56	13 15	1 57	15 1	3 19	20 41	1 43	22 56	0 12	23 36	0 48	18 31	0 41	23 18	0 21	19 13	3 7	18 48	18 57	27 4		n.a.
T 13	6 0	17 42	5 2	12 39	1 57	15 27	3 24	20 52	1 43	22 57	0 12	23 36	0 48	18 30	0 41	23 18	0 21	19 13	3 7	18 45	18 57	27 4		n.a.
F 14	5 36	12 11	4 48	12 1	1 56	15 52	3 28	21 2	1 43	22 58	0 12	23 37	0 48	18 30	0 41	23 18	0 21	19 13	3 7	18 42	18 56	27 5		n.a.
S 15	5 13	6 7	4 17	11 21	1 55	16 17	3 33	21 13	1 43	22 59	0 12	23 37	0 48	18 29	0 41	23 18	0 21	19 13	3 7	18 40	18 55	27 5		n.a.
S 16	4 49	0n 6	3 32	10 41	1 53	16 41	3 38	21 23	1 43	22 59	0 12	23 37	0 49	18 28	0 41	23 18	0 21	19 13	3 8	18 38	18 54	27 5		n.a.
M17	4 26	6 9	2 36	10 0	1 51	17 5	3 42	21 34	1 44	23 0	0 12	23 37	0 49	18 27	0 41	23 18	0 21	19 13	3 8	18 36	18 53	27 5		n.a.
T 18	4 2	11 47	1 33	9 17	1 48	17 29	3 46	21 44	1 44	23 1	0 13	23 37	0 49	18 26	0 41	23 18	0 21	19 13	3 8	18 35	18 53	27 6		n.a.
W19	3 38	16 46	0 27	8 34	1 45	17 52	3 51	21 53	1 44	23 2	0 13	23 37	0 49	18 25	0 41	23 18	0 21	19 13	3 8	18 34	18 52	27 6		n.a.
T 20	3 14	20 56	0n39	7 51	1 41	18 15	3 55	22 3	1 44	23 3	0 13	23 37	0 49	18 24	0 41	23 18	0 21	19 13	3 8	18 34	18 51	27 6		n.a.
F 21	2 50	24 8	1 41	7 7	1 37	18 37	3 59	22 13	1 44	23 3	0 13	23 37	0 49	18 24	0 41	23 18	0 21	19 13	3 8	18 35	18 50	27 6		n.a.
S 22	2 27	26 13	2 39	6 22	1 32	18 59	4 3	22 22	1 43	23 4	0 13	23 37	0 49	18 23	0 41	23 18	0 21	19 13	3 8	18 35	18 49	27 6		n.a.
S 23	2 3	27 7	3 29	5 37	1 28	19 21	4 7	22 31	1 43	23 5	0 13	23 37	0 49	18 22	0 41	23 18	0 21	19 13	3 8	18 35	18 49	27 7		n.a.
M24	1 38	26 45	4 11	4 52	1 22	19 42	4 11	22 40	1 43	23 6	0 13	23 37	0 49	18 21	0 41	23 18	0 21	19 13	3 8	18 34	18 48	27 7		n.a.
T 25	1 14	25 10	4 42	4 6	1 17	20 2	4 15	22 48	1 43	23 7	0 13	23 37	0 49	18 20	0 41	23 18	0 21	19 13	3 8	18 33	18 47	27 7		n.a.
W26	0 50	22 25	5 0	3 21	1 12	20 22	4 19	22 57	1 43	23 8	0 13	23 37	0 49	18 20	0 41	23 18	0 21	19 13	3 8	18 31	18 46	27 7		n.a.
T 27	0 26	18 37	5 6	2 35	1 6	20 42	4 23	23 5	1 43	23 9	0 13	23 37	0 49	18 19	0 41	23 18	0 21	19 13	3 8	18 29	18 45	27 7		n.a.
F 28	0 2	13 55	4 56	1 50	1 0	21 1	4 26	23 13	1 43	23 10	0 13	23 37	0 49	18 18	0 41	23 18	0 21	19 13	3 8	18 26	18 45	27 8		n.a.
S 29	0s22	8 31	4 32	1 4	0 54	21 20	4 29	23 21	1 43	23 11	0 13	23 37	0 49	18 17	0 41	23 18	0 21	19 13	3 8	18 24	18 44	27 8		n.a.
S 30	0s47	2n39	3n53	0n19	0n48	21s38	4s33	23s28	1s43	23s12	0s14	23s37	0s49	18n17	0n41	23s18	0n21	19n13	3s 8	18n21	18n43	27n 8		n.a.

Julian Day Number = 1609899.5, Delta T = 03h53m56s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'13, Lahiri = - 8°10'13 Julian Calendar 1 Sept. 306 BCE == Greg. Calendar 27 Aug. 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

OCTOBER 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 18 43	2♎55'55	15♎39	2♎42	18♏22	7♐57	15♐59	15♑34	11♘17	4♑28	10°R34	21°R22	22♉49	9♋ 1	n.a.	M 1
T 2	0 22 40	3°56'09	29°14	4°20	19°11	8°42	16° 7	15°34	11°19	4°28	10♊33	21♉17	22°46	9° 7	n.a.	T 2
W 3	0 26 36	4°56'25	13♏ 0	5°57	20° 0	9°27	16°15	15°35	11°22	4°29	10°33	21°15	22°42	9°14	n.a.	W 3
T 4	0 30 33	5°56'42	26°54	7°35	20°48	10°12	16°24	15°36	11°25	4°29	10°32	21°D15	22°39	9°21	n.a.	T 4
F 5	0 34 30	6°57'01	10♐54	9°11	21°34	10°56	16°33	15°37	11°27	4°29	10°32	21°16	22°36	9°27	n.a.	F 5
S 6	0 38 26	7°57'21	24°58	10°48	22°20	11°41	16°42	15°38	11°30	4°30	10°32	21°17	22°33	9°34	n.a.	S 6
S 7	0 42 23	8°57'43	9♑ 6	12°24	23° 5	12°26	16°51	15°39	11°32	4°30	10°31	21°R18	22°30	9°41	n.a.	S 7
M 8	0 46 19	9°58'07	23°16	13°59	23°49	13°11	17° 0	15°41	11°34	4°31	10°31	21°17	22°27	9°47	n.a.	M 8
T 9	0 50 16	10°58'32	7♒25	15°34	24°32	13°56	17° 9	15°42	11°37	4°32	10°30	21°14	22°23	9°54	n.a.	T 9
W10	0 54 12	11°58'59	21°33	17° 9	25°14	14°42	17°18	15°44	11°39	4°32	10°29	21°10	22°20	10° 1	n.a.	W10
T 11	0 58 9	12°59'26	5♓35	18°44	25°55	15°27	17°28	15°45	11°41	4°33	10°29	21° 4	22°17	10° 7	n.a.	T 11
F 12	1 2 5	13°59'56	19°29	20°18	26°34	16°12	17°38	15°47	11°44	4°34	10°28	20°58	22°14	10°14	n.a.	F 12
S 13	1 6 2	15° 0'27	3♈ 9	21°52	27°13	16°57	17°47	15°49	11°46	4°34	10°28	20°52	22°11	10°21	n.a.	S 13
S 14	1 9 59	16° 0'59	16°35	23°25	27°50	17°42	17°57	15°51	11°48	4°35	10°27	20°47	22° 7	10°28	n.a.	S 14
M15	1 13 55	17° 1'34	29°43	24°58	28°26	18°28	18° 7	15°53	11°50	4°36	10°26	20°43	22° 4	10°34	n.a.	M15
T 16	1 17 52	18° 2'09	12♉32	26°31	29° 0	19°13	18°17	15°55	11°52	4°37	10°26	20°41	22° 1	10°41	n.a.	T 16
W17	1 21 48	19° 2'47	25° 4	28° 4	29°33	19°59	18°27	15°57	11°54	4°37	10°25	20°D41	21°58	10°48	n.a.	W17
T 18	1 25 45	20° 3'27	7♊20	29°37	0♐ 5	20°44	18°38	16° 0	11°56	4°38	10°24	20°42	21°55	10°54	n.a.	T 18
F 19	1 29 41	21° 4'08	19°23	1♏ 9	0°35	21°30	18°48	16° 2	11°58	4°39	10°24	20°44	21°52	11° 1	n.a.	F 19
S 20	1 33 38	22° 4'51	1♋18	2°41	1° 4	22°15	18°59	16° 4	12° 0	4°40	10°23	20°46	21°48	11° 8	n.a.	S 20
S 21	1 37 34	23° 5'36	13° 8	4°12	1°31	23° 1	19° 9	16° 7	12° 1	4°41	10°22	20°47	21°45	11°14	n.a.	S 21
M22	1 41 31	24° 6'22	25° 0	5°44	1°56	23°46	19°20	16°10	12° 3	4°42	10°21	20°R48	21°42	11°21	n.a.	M22
T 23	1 45 28	25° 7'10	6♌57	7°15	2°20	24°32	19°31	16°13	12° 5	4°43	10°20	20°47	21°39	11°28	n.a.	T 23
W24	1 49 24	26° 8'00	19° 5	8°46	2°41	25°18	19°42	16°16	12° 7	4°44	10°20	20°45	21°36	11°34	n.a.	W24
T 25	1 53 21	27° 8'51	1♍27	10°17	3° 1	26° 3	19°53	16°19	12° 8	4°45	10°19	20°42	21°32	11°41	n.a.	T 25
F 26	1 57 17	28° 9'44	14° 8	11°48	3°19	26°49	20° 4	16°22	12°10	4°46	10°18	20°39	21°29	11°48	n.a.	F 26
S 27	2 1 14	29°10'38	27°10	13°18	3°35	27°35	20°15	16°25	12°11	4°48	10°17	20°35	21°26	11°54	n.a.	S 27
S 28	2 5 10	0♏11'34	10♎32	14°48	3°49	28°21	20°27	16°28	12°13	4°49	10°16	20°32	21°23	12° 1	n.a.	S 28
M29	2 9 7	1°12'31	24°15	16°17	4° 0	29° 7	20°38	16°31	12°14	4°50	10°15	20°30	21°20	12° 8	n.a.	M29
T 30	2 13 3	2°13'29	8♏15	17°46	4°10	29°53	20°50	16°35	12°15	4°51	10°14	20°28	21°17	12°15	n.a.	T 30
W31	2 17 0	3♏14'29	22♏29	19♏15	4♐17	0♑38	21♐ 1	16♑38	12♘17	4♑53	10♊13	20°D28	21♉13	12♋21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	1s11	3s28	3n 0	0s27	0n42	21s55	4s36	23s36	1s43	23s13	0s14	23s37	0s49	18n16	0n41	23s18	0n21	19n13	3s 8	18n19		18n42		27n 8			n.a.
T 2	1 35	9 32	1 56	1 12	0 35	22 12	4 39	23 43	1 43	23 14	0 14	23 37	0 49	18 15	0 41	23 18	0 21	19 12	3 8	18 18		18 41		27 8			n.a.
W 3	1 59	15 14	0 44	1 57	0 29	22 28	4 42	23 50	1 42	23 15	0 14	23 37	0 49	18 15	0 41	23 19	0 21	19 12	3 8	18 18		18 40		27 8			n.a.
T 4	2 23	20 12	0s31	2 42	0 23	22 44	4 44	23 56	1 42	23 16	0 14	23 37	0 49	18 14	0 41	23 19	0 21	19 12	3 8	18 18		18 40		27 8			n.a.
F 5	2 48	24 5	1 44	3 26	0 16	22 59	4 47	24 3	1 42	23 17	0 14	23 37	0 49	18 13	0 41	23 19	0 21	19 12	3 8	18 18		18 39		27 8			n.a.
S 6	3 12	26 30	2 52	4 11	0 9	23 14	4 49	24 9	1 42	23 18	0 14	23 36	0 49	18 13	0 41	23 19	0 21	19 12	3 8	18 18		18 38		27 9			n.a.
S 7	3 36	27 15	3 50	4 55	0 3	23 28	4 51	24 15	1 42	23 19	0 14	23 36	0 49	18 12	0 41	23 19	0 21	19 12	3 8	18 18		18 37		27 9			n.a.
M 8	4 0	26 12	4 34	5 38	0s 4	23 41	4 53	24 20	1 42	23 20	0 14	23 36	0 49	18 11	0 41	23 19	0 21	19 12	3 8	18 18		18 36		27 9			n.a.
T 9	4 24	23 29	5 1	6 22	0 10	23 54	4 55	24 26	1 41	23 21	0 14	23 36	0 49	18 11	0 42	23 19	0 21	19 12	3 8	18 17		18 36		27 9			n.a.
W10	4 48	19 22	5 10	7 5	0 17	24 6	4 57	24 31	1 41	23 22	0 14	23 36	0 49	18 10	0 42	23 19	0 21	19 12	3 8	18 16		18 35		27 9			n.a.
T 11	5 11	14 13	5 0	7 47	0 23	24 18	4 58	24 36	1 41	23 22	0 14	23 36	0 49	18 9	0 42	23 19	0 21	19 12	3 8	18 15		18 34		27 9			n.a.
F 12	5 35	8 23	4 33	8 29	0 30	24 28	4 59	24 41	1 41	23 23	0 15	23 35	0 49	18 9	0 42	23 19	0 21	19 12	3 8	18 13		18 33		27 9			n.a.
S 13	5 59	2 14	3 50	9 11	0 36	24 38	5 0	24 45	1 40	23 24	0 15	23 35	0 49	18 8	0 42	23 19	0 21	19 12	3 8	18 12		18 32		27 9			n.a.
S 14	6 23	3n54	2 55	9 52	0 43	24 48	5 1	24 49	1 40	23 25	0 15	23 35	0 49	18 8	0 42	23 19	0 21	19 11	3 8	18 10		18 31		27 9			n.a.
M15	6 46	9 46	1 52	10 33	0 49	24 57	5 1	24 53	1 40	23 26	0 15	23 35	0 49	18 7	0 42	23 19	0 21	19 11	3 8	18 9		18 31		27 9			n.a.
T 16	7 10	15 5	0 44	11 13	0 55	25 5	5 2	24 57	1 40	23 27	0 15	23 34	0 49	18 7	0 42	23 19	0 21	19 11	3 8	18 9		18 30		27 9			n.a.
W17	7 33	19 39	0n24	11 52	1 1	25 12	5 1	25 0	1 39	23 28	0 15	23 34	0 49	18 6	0 42	23 19	0 21	19 11	3 8	18 9		18 29		27 9			n.a.
T 18	7 56	23 17	1 30	12 31	1 7	25 19	5 1	25 3	1 39	23 29	0 15	23 34	0 49	18 6	0 42	23 19	0 21	19 11	3 8	18 9		18 28		27 9			n.a.
F 19	8 19	25 49	2 31	13 10	1 13	25 25	5 0	25 6	1 39	23 30	0 15	23 34	0 49	18 5	0 42	23 19	0 21	19 11	3 8	18 9		18 27		27 9			n.a.
S 20	8 42	27 8	3 24	13 47	1 19	25 30	4 59	25 8	1 38	23 31	0 15	23 33	0 49	18 5	0 42	23 19	0 21	19 11	3 8	18 10		18 26		27 9			n.a.
S 21	9 5	27 12	4 9	14 24	1 25	25 34	4 58	25 11	1 38	23 32	0 15	23 33	0 49	18 4	0 42	23 18	0 21	19 11	3 8	18 10		18 26		27 9			n.a.
M22	9 28	26 2	4 43	15 1	1 30	25 38	4 56	25 13	1 38	23 33	0 15	23 33	0 49	18 4	0 42	23 18	0 20	19 11	3 8	18 10		18 25		27 9			n.a.
T 23	9 50	23 41	5 5	15 36	1 35	25 41	4 54	25 14	1 37	23 34	0 15	23 32	0 49	18 3	0 42	23 18	0 20	19 11	3 8	18 10		18 24		27 9			n.a.
W24	10 13	20 15	5 14	16 11	1 41	25 43	4 52	25 16	1 37	23 35	0 16	23 32	0 49	18 3	0 42	23 18	0 20	19 10	3 8	18 10		18 23		27 9			n.a.
T 25	10 35	15 53	5 9	16 45	1 46	25 44	4 49	25 17	1 37	23 36	0 16	23 32	0 49	18 2	0 42	23 18	0 20	19 10	3 8	18 9		18 22		27 9			n.a.
F 26	10 57	10 44	4 48	17 18	1 50	25 45	4 46	25 18	1 36	23 37	0 16	23 31	0 48	18 2	0 42	23 18	0 20	19 10	3 8	18 8		18 21		27 9			n.a.
S 27	11 19	5 0	4 13	17 51	1 55	25 44	4 42	25 19	1 36	23 38	0 16	23 31	0 48	18 2	0 42	23 18	0 20	19 10	3 8	18 7		18 21		27 9			n.a.
S 28	11 41	1s 7	3 23	18 22	1 59	25 43	4 38	25 19	1 36	23 39	0 16	23 30	0 48	18 1	0 42	23 18	0 20	19 10	3 8	18 6		18 20		27 9			n.a.
M29	12 2	7 21	2 20	18 52	2 3	25 41	4 33	25 19	1 35	23 40	0 16	23 30	0 48	18 1	0 42	23 18	0 20	19 10	3 8	18 6		18 19		27 9			n.a.
T 30	12 24	13 22	1 7	19 22	2 6	25 38	4 28	25 19	1 35	23 41	0 16	23 30	0 48	18 0	0 42	23 18	0 20	19 10	3 8	18 5		18 18		27 9			n.a.
W31	12s45	18s48	0s11	19s50	2s10	25s34	4s23	25s18	1s34	23s42	0s16	23s29	0s48	18n 0	0n42	23s18	0n20	19n10	3s 8	18n 5		18n17		27n 9			n.a.

Julian Day Number = 1609929.5, Delta T = 03h53m55s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'09, Lahiri = - 8°10'09 Julian Calendar 1 Oct. 306 BCE == Greg. Calendar 26 Sept. 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

NOVEMBER 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 20 57	4♏15'30	6♐51	20♏43	4♐22	1♑24	21♐13	16♑42	12♌18	4♑54	10°R12	20♉28	21♉10	12♋28	n.a.	T 1
F 2	2 24 53	5°16'31	21°18	22°11	4°24	2°10	21°25	16°46	12°19	4°55	10♊11	20°30	21° 7	12°35	n.a.	F 2
S 3	2 28 50	6°17'34	5♑43	23°37	4°R25	2°56	21°37	16°50	12°20	4°57	10°10	20°31	21° 4	12°41	n.a.	S 3
S 4	2 32 46	7°18'37	20° 3	25° 3	4°22	3°42	21°49	16°54	12°21	4°58	10° 9	20°32	21° 1	12°48	n.a.	S 4
M 5	2 36 43	8°19'41	4♒16	26°28	4°17	4°28	22° 1	16°58	12°22	4°59	10° 8	20°R32	20°58	12°55	n.a.	M 5
T 6	2 40 39	9°20'46	18°18	27°52	4°10	5°14	22°13	17° 2	12°23	5° 1	10° 7	20°32	20°54	13° 1	n.a.	T 6
W 7	2 44 36	10°21'51	2♓10	29°15	4° 0	6° 0	22°25	17° 6	12°24	5° 2	10° 6	20°31	20°51	13° 8	n.a.	W 7
T 8	2 48 32	11°22'56	15°49	0♐36	3°48	6°46	22°38	17°10	12°25	5° 4	10° 5	20°30	20°48	13°15	n.a.	T 8
F 9	2 52 29	12°24'02	29°15	1°56	3°33	7°33	22°50	17°14	12°26	5° 5	10° 4	20°29	20°45	13°22	n.a.	F 9
S 10	2 56 26	13°25'09	12♈29	3°13	3°16	8°19	23° 2	17°19	12°26	5° 7	10° 3	20°28	20°42	13°28	n.a.	S 10
S 11	3 0 22	14°26'17	25°29	4°28	2°56	9° 5	23°15	17°23	12°27	5° 9	10° 2	20°28	20°38	13°35	n.a.	S 11
M12	3 4 19	15°27'25	8♉15	5°40	2°34	9°51	23°27	17°28	12°28	5°10	10° 1	20°27	20°35	13°42	n.a.	M12
T 13	3 8 15	16°28'34	20°49	6°49	2°10	10°37	23°40	17°32	12°28	5°12	10° 0	20°D27	20°32	13°48	n.a.	T 13
W14	3 12 12	17°29'43	3♊10	7°55	1°44	11°23	23°53	17°37	12°29	5°13	9°59	20°27	20°29	13°55	n.a.	W14
T 15	3 16 8	18°30'54	15°19	8°56	1°16	12° 9	24° 6	17°42	12°29	5°15	9°58	20°27	20°26	14° 2	n.a.	T 15
F 16	3 20 5	19°32'05	27°20	9°52	0°46	12°55	24°18	17°47	12°30	5°17	9°56	20°27	20°23	14° 8	n.a.	F 16
S 17	3 24 1	20°33'16	9♋14	10°43	0°15	13°41	24°31	17°52	12°30	5°19	9°55	20°R27	20°19	14°15	n.a.	S 17
S 18	3 27 58	21°34'29	21° 4	11°27	29♏42	14°28	24°44	17°57	12°30	5°20	9°54	20°27	20°16	14°22	n.a.	S 18
M19	3 31 55	22°35'42	2♌56	12° 4	29° 8	15°14	24°57	18° 2	12°31	5°22	9°53	20°27	20°13	14°28	n.a.	M19
T 20	3 35 51	23°36'56	14°51	12°32	28°32	16° 0	25°10	18° 7	12°31	5°24	9°52	20°27	20°10	14°35	n.a.	T 20
W21	3 39 48	24°38'10	26°56	12°52	27°57	16°46	25°24	18°12	12°31	5°26	9°50	20°D27	20° 7	14°42	n.a.	W21
T 22	3 43 44	25°39'25	9♍16	13°R 2	27°20	17°32	25°37	18°17	12°R31	5°28	9°49	20°27	20° 4	14°49	n.a.	T 22
F 23	3 47 41	26°40'41	21°53	13° 1	26°44	18°18	25°50	18°23	12°31	5°29	9°48	20°28	20° 0	14°55	n.a.	F 23
S 24	3 51 37	27°41'57	4♎53	12°48	26° 7	19° 4	26° 3	18°28	12°31	5°31	9°47	20°28	19°57	15° 2	n.a.	S 24
S 25	3 55 34	28°43'14	18°17	12°24	25°31	19°51	26°17	18°34	12°31	5°33	9°46	20°29	19°54	15° 9	n.a.	S 25
M26	3 59 31	29°44'31	2♏ 7	11°49	24°55	20°37	26°30	18°39	12°30	5°35	9°44	20°30	19°51	15°15	n.a.	M26
T 27	4 3 27	0♐45'48	16°21	11° 1	24°21	21°23	26°44	18°45	12°30	5°37	9°43	20°R30	19°48	15°22	n.a.	T 27
W28	4 7 24	1°47'06	0♐56	10° 4	23°47	22° 9	26°57	18°50	12°30	5°39	9°42	20°30	19°44	15°29	n.a.	W28
T 29	4 11 20	2°48'24	15°44	8°57	23°14	22°55	27°11	18°56	12°30	5°41	9°41	20°29	19°41	15°35	n.a.	T 29
F 30	4 15 17	3♐49'41	0♑39	7♐43	22♏43	23♑41	27♐24	19♑ 2	12♌29	5♑43	9♊39	20♉28	19♉38	15♋42	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s 6	23s11	1s29	20s17	2s13	25s29	4s17	25s17	1s34	23s42	0s16	23s29	0s48	18n 0	0n42	23s18	0n20	19n 9	3s 8	18n 5	18n16	27n 9		n.a.
F 2	13 26	26 9	2 42	20 43	2 15	25 23	4 10	25 16	1 33	23 43	0 16	23 28	0 49	18 0	0 42	23 18	0 20	19 9	3 8	18 5	18 16	27 8		n.a.
S 3	13 47	27 21	3 45	21 8	2 18	25 16	4 3	25 15	1 33	23 44	0 16	23 28	0 49	17 59	0 43	23 18	0 20	19 9	3 8	18 6	18 15	27 8		n.a.
S 4	14 7	26 43	4 33	21 31	2 19	25 8	3 55	25 13	1 33	23 45	0 16	23 27	0 49	17 59	0 43	23 18	0 20	19 9	3 8	18 6	18 14	27 8		n.a.
M 5	14 27	24 21	5 4	21 53	2 21	24 59	3 47	25 12	1 32	23 46	0 16	23 27	0 49	17 59	0 43	23 18	0 20	19 9	3 8	18 6	18 13	27 8		n.a.
T 6	14 47	20 32	5 16	22 14	2 22	24 49	3 39	25 9	1 32	23 47	0 17	23 26	0 49	17 59	0 43	23 18	0 20	19 9	3 8	18 6	18 12	27 8		n.a.
W 7	15 7	15 39	5 10	22 33	2 22	24 38	3 29	25 7	1 31	23 47	0 17	23 26	0 49	17 58	0 43	23 18	0 20	19 9	3 8	18 6	18 11	27 8		n.a.
T 8	15 26	10 3	4 46	22 50	2 22	24 26	3 19	25 4	1 31	23 48	0 17	23 25	0 49	17 58	0 43	23 18	0 20	19 9	3 8	18 6	18 10	27 8		n.a.
F 9	15 45	4 4	4 7	23 6	2 21	24 13	3 9	25 1	1 30	23 49	0 17	23 25	0 49	17 58	0 43	23 18	0 20	19 8	3 8	18 5	18 10	27 7		n.a.
S 10	16 4	2n 0	3 15	23 20	2 19	23 59	2 58	24 58	1 30	23 50	0 17	23 24	0 49	17 58	0 43	23 18	0 20	19 8	3 8	18 5	18 9	27 7		n.a.
S 11	16 22	7 53	2 14	23 32	2 17	23 43	2 46	24 54	1 29	23 50	0 17	23 23	0 49	17 58	0 43	23 18	0 20	19 8	3 8	18 5	18 8	27 7		n.a.
M12	16 40	13 22	1 7	23 42	2 14	23 27	2 34	24 50	1 29	23 51	0 17	23 23	0 49	17 58	0 43	23 18	0 20	19 8	3 8	18 5	18 7	27 7		n.a.
T 13	16 58	18 13	0n 2	23 51	2 10	23 10	2 22	24 46	1 28	23 52	0 17	23 22	0 49	17 57	0 43	23 18	0 20	19 8	3 8	18 5	18 6	27 7		n.a.
W14	17 16	22 11	1 10	23 57	2 5	22 52	2 9	24 42	1 28	23 53	0 17	23 22	0 49	17 57	0 43	23 18	0 20	19 8	3 8	18 5	18 5	27 7		n.a.
T 15	17 33	25 8	2 14	24 1	1 59	22 32	1 55	24 37	1 27	23 53	0 17	23 21	0 49	17 57	0 43	23 18	0 20	19 8	3 7	18 5	18 4	27 6		n.a.
F 16	17 50	26 53	3 11	24 3	1 52	22 12	1 41	24 32	1 27	23 54	0 17	23 20	0 49	17 57	0 43	23 18	0 20	19 7	3 7	18 5	18 4	27 6		n.a.
S 17	18 6	27 23	3 59	24 2	1 43	21 52	1 27	24 27	1 26	23 55	0 17	23 20	0 49	17 57	0 43	23 18	0 20	19 7	3 7	18 5	18 3	27 6		n.a.
S 18	18 23	26 37	4 37	23 59	1 34	21 30	1 12	24 22	1 26	23 55	0 18	23 19	0 49	17 57	0 43	23 18	0 20	19 7	3 7	18 5	18 2	27 6		n.a.
M19	18 39	24 39	5 3	23 54	1 23	21 8	0 57	24 16	1 25	23 56	0 18	23 18	0 49	17 57	0 43	23 18	0 20	19 7	3 7	18 5	18 1	27 5		n.a.
T 20	18 54	21 36	5 16	23 45	1 11	20 45	0 41	24 10	1 25	23 56	0 18	23 18	0 49	17 57	0 43	23 17	0 20	19 7	3 7	18 5	18 0	27 5		n.a.
W21	19 10	17 36	5 15	23 35	0 58	20 22	0 26	24 3	1 24	23 57	0 18	23 17	0 49	17 57	0 43	23 17	0 20	19 7	3 7	18 5	17 59	27 5		n.a.
T 22	19 25	12 49	5 0	23 21	0 43	19 59	0 10	23 57	1 24	23 57	0 18	23 16	0 49	17 57	0 43	23 17	0 20	19 7	3 7	18 5	17 58	27 5		n.a.
F 23	19 39	7 24	4 31	23 5	0 27	19 35	0n 5	23 50	1 23	23 58	0 18	23 15	0 49	17 57	0 43	23 17	0 20	19 6	3 7	18 5	17 58	27 4		n.a.
S 24	19 53	1 30	3 47	22 47	0 10	19 11	0 21	23 43	1 22	23 58	0 18	23 15	0 49	17 57	0 43	23 17	0 20	19 6	3 7	18 5	17 57	27 4		n.a.
S 25	20 7	4s39	2 49	22 25	0n 8	18 47	0 36	23 36	1 22	23 59	0 18	23 14	0 49	17 57	0 44	23 17	0 20	19 6	3 7	18 5	17 56	27 4		n.a.
M26	20 21	10 47	1 40	22 1	0 28	18 24	0 52	23 28	1 21	23 59	0 18	23 13	0 49	17 57	0 44	23 17	0 20	19 6	3 7	18 6	17 55	27 4		n.a.
T 27	20 34	16 34	0 23	21 35	0 48	18 1	1 7	23 20	1 21	24 0	0 18	23 12	0 49	17 57	0 44	23 17	0 20	19 6	3 7	18 6	17 54	27 3		n.a.
W28	20 46	21 32	0s57	21 7	1 8	17 38	1 22	23 12	1 20	24 0	0 18	23 12	0 49	17 58	0 44	23 17	0 20	19 6	3 7	18 6	17 53	27 3		n.a.
T 29	20 59	25 12	2 15	20 37	1 28	17 16	1 36	23 4	1 20	24 1	0 18	23 11	0 49	17 58	0 44	23 17	0 20	19 6	3 7	18 5	17 52	27 3		n.a.
F 30	21s11	27s 8	3s24	20s 6	1n47	16s54	1n50	22s55	1s19	24s 1	0s19	23s10	0s49	17n58	0n44	23s17	0n20	19n 6	3s 7	18n 5	17n52	27n 2		n.a.

Julian Day Number = 1609960.5, Delta T = 03h53m53s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'05, Lahiri = - 8°10'04 Julian Calendar 1 Nov. 306 BCE == Greg. Calendar 27 Oct. 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 306 BCE
geocentric

DECEMBER 306 BCE (-305) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 19 13	4♐50'59	15♑33	6°R24	22°R13	24♑27	27♐38	19♑ 8	12°R29	5♑45	9°R38	20°R26	19♉35	15♋49	n.a.	S 1
S 2	4 23 10	5°52'16	0♒17	5♐ 2	21♏45	25°14	27°52	19°14	12♌28	5°47	9♊37	20♉24	19°32	15°56	n.a.	S 2
M 3	4 27 6	6°53'33	14°46	3°42	21°19	26° 0	28° 5	19°20	12°28	5°49	9°36	20°23	19°29	16° 2	n.a.	M 3
T 4	4 31 3	7°54'50	28°55	2°24	20°56	26°46	28°19	19°26	12°27	5°51	9°35	20°22	19°25	16° 9	n.a.	T 4
W 5	4 35 0	8°56'06	12♓45	1°11	20°34	27°32	28°33	19°32	12°26	5°53	9°33	20°D21	19°22	16°16	n.a.	W 5
T 6	4 38 56	9°57'21	26°13	0° 6	20°15	28°18	28°47	19°38	12°26	5°55	9°32	20°22	19°19	16°22	n.a.	T 6
F 7	4 42 53	10°58'36	9♈23	29♏ 9	19°58	29° 4	29° 1	19°44	12°25	5°57	9°31	20°23	19°16	16°29	n.a.	F 7
S 8	4 46 49	11°59'50	22°16	28°22	19°43	29°50	29°14	19°50	12°24	5°59	9°30	20°25	19°13	16°36	n.a.	S 8
S 9	4 50 46	13° 1'04	4♉55	27°44	19°31	0♒36	29°28	19°57	12°23	6° 2	9°28	20°26	19°10	16°42	n.a.	S 9
M10	4 54 42	14° 2'17	17°21	27°17	19°22	1°22	29°42	20° 3	12°22	6° 4	9°27	20°R27	19° 6	16°49	n.a.	M10
T 11	4 58 39	15° 3'30	29°37	26°59	19°14	2° 8	29°56	20° 9	12°21	6° 6	9°26	20°27	19° 3	16°56	n.a.	T 11
W12	5 2 35	16° 4'42	11♊45	26°D51	19°10	2°54	0♑10	20°16	12°20	6° 8	9°25	20°25	19° 0	17° 3	n.a.	W12
T 13	5 6 32	17° 5'54	23°46	26°51	19°D 8	3°40	0°24	20°22	12°19	6°10	9°23	20°22	18°57	17° 9	n.a.	T 13
F 14	5 10 29	18° 7'05	5♋42	27° 0	19° 8	4°26	0°38	20°29	12°18	6°12	9°22	20°18	18°54	17°16	n.a.	F 14
S 15	5 14 25	19° 8'16	17°35	27°17	19°11	5°12	0°53	20°35	12°17	6°15	9°21	20°13	18°50	17°23	n.a.	S 15
S 16	5 18 22	20° 9'26	29°26	27°40	19°16	5°58	1° 7	20°42	12°16	6°17	9°20	20° 7	18°47	17°29	n.a.	S 16
M17	5 22 18	21°10'36	11♌17	28°10	19°24	6°43	1°21	20°48	12°14	6°19	9°18	20° 2	18°44	17°36	n.a.	M17
T 18	5 26 15	22°11'46	23°13	28°46	19°34	7°29	1°35	20°55	12°13	6°21	9°17	19°57	18°41	17°43	n.a.	T 18
W19	5 30 11	23°12'54	5♍17	29°26	19°46	8°15	1°49	21° 2	12°11	6°23	9°16	19°54	18°38	17°50	n.a.	W19
T 20	5 34 8	24°14'03	17°32	0♐12	20° 0	9° 1	2° 3	21° 9	12°10	6°26	9°15	19°52	18°35	17°56	n.a.	T 20
F 21	5 38 5	25°15'10	0♎ 3	1° 1	20°16	9°47	2°17	21°15	12° 9	6°28	9°14	19°D52	18°31	18° 3	n.a.	F 21
S 22	5 42 1	26°16'18	12°55	1°55	20°35	10°32	2°32	21°22	12° 7	6°30	9°12	19°53	18°28	18°10	n.a.	S 22
S 23	5 45 58	27°17'24	26°12	2°51	20°55	11°18	2°46	21°29	12° 5	6°32	9°11	19°55	18°25	18°16	n.a.	S 23
M24	5 49 54	28°18'30	9♏56	3°51	21°17	12° 4	3° 0	21°36	12° 4	6°35	9°10	19°56	18°22	18°23	n.a.	M24
T 25	5 53 51	29°19'36	24° 8	4°54	21°41	12°50	3°14	21°43	12° 2	6°37	9° 9	19°R56	18°19	18°30	n.a.	T 25
W26	5 57 47	0♑20'40	8♐46	5°59	22° 7	13°35	3°29	21°50	12° 0	6°39	9° 8	19°55	18°16	18°36	n.a.	W26
T 27	6 1 44	1°21'44	23°46	7° 7	22°35	14°21	3°43	21°57	11°59	6°41	9° 7	19°51	18°12	18°43	n.a.	T 27
F 28	6 5 40	2°22'47	8♑59	8°17	23° 4	15° 6	3°57	22° 4	11°57	6°44	9° 5	19°46	18° 9	18°50	n.a.	F 28
S 29	6 9 37	3°23'49	24°14	9°28	23°35	15°52	4°11	22°11	11°55	6°46	9° 4	19°39	18° 6	18°57	n.a.	S 29
S 30	6 13 34	4°24'49	9♒22	10°42	24° 7	16°38	4°26	22°18	11°53	6°48	9° 3	19°32	18° 3	19° 3	n.a.	S 30
M31	6 17 30	5♑25'48	24♒12	11♐57	24♏41	17♒23	4♑40	22♑25	11♌51	6♑51	9♊ 2	19♉26	18♉ 0	19♋10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s22	27s 7	4s19	19s35	2n 5	16s33	2n 4	22s47	1s18	24s 1	0s19	23s 9	0s49	17n58	0n44	23s17	0n20	19n 5	3s 7	18n 5	17n51	27n 2		n.a.
S 2	21 33	25 10	4 57	19 5	2 21	16 13	2 17	22 38	1 18	24 2	0 19	23 8	0 49	17 58	0 44	23 17	0 20	19 5	3 7	18 4	17 50	27 2		n.a.
M 3	21 44	21 36	5 14	18 36	2 36	15 54	2 30	22 28	1 17	24 2	0 19	23 8	0 49	17 58	0 44	23 17	0 20	19 5	3 7	18 4	17 49	27 1		n.a.
T 4	21 54	16 51	5 12	18 9	2 48	15 36	2 43	22 19	1 16	24 2	0 19	23 7	0 49	17 59	0 44	23 17	0 20	19 5	3 7	18 3	17 48	27 1		n.a.
W 5	22 4	11 21	4 52	17 45	2 58	15 19	2 54	22 9	1 16	24 3	0 19	23 6	0 49	17 59	0 44	23 16	0 20	19 5	3 7	18 3	17 47	27 1		n.a.
T 6	22 13	5 26	4 16	17 24	3 6	15 3	3 6	21 59	1 15	24 3	0 19	23 5	0 49	17 59	0 44	23 16	0 20	19 5	3 7	18 3	17 46	27 0		n.a.
F 7	22 22	0n35	3 28	17 7	3 11	14 48	3 16	21 49	1 15	24 3	0 19	23 4	0 49	17 59	0 44	23 16	0 20	19 5	3 6	18 4	17 45	27 0		n.a.
S 8	22 30	6 28	2 29	16 53	3 14	14 34	3 26	21 38	1 14	24 3	0 19	23 3	0 49	18 0	0 44	23 16	0 20	19 5	3 6	18 4	17 45	26 59		n.a.
S 9	22 38	11 59	1 25	16 44	3 15	14 22	3 36	21 28	1 13	24 3	0 19	23 2	0 49	18 0	0 44	23 16	0 20	19 4	3 6	18 5	17 44	26 59		n.a.
M10	22 46	16 57	0 17	16 39	3 14	14 11	3 45	21 17	1 13	24 3	0 19	23 1	0 49	18 0	0 44	23 16	0 20	19 4	3 6	18 5	17 43	26 59		n.a.
T 11	22 53	21 8	0n50	16 37	3 11	14 1	3 53	21 6	1 12	24 4	0 20	23 0	0 49	18 1	0 44	23 16	0 19	19 4	3 6	18 5	17 42	26 58		n.a.
W12	23 0	24 22	1 54	16 39	3 8	13 52	4 1	20 55	1 11	24 4	0 20	23 0	0 49	18 1	0 44	23 16	0 19	19 4	3 6	18 4	17 41	26 58		n.a.
T 13	23 6	26 28	2 53	16 44	3 3	13 45	4 8	20 43	1 11	24 4	0 20	22 59	0 49	18 1	0 44	23 16	0 19	19 4	3 6	18 3	17 40	26 57		n.a.
F 14	23 12	27 19	3 43	16 52	2 57	13 38	4 15	20 31	1 10	24 4	0 20	22 58	0 49	18 2	0 44	23 16	0 19	19 4	3 6	18 2	17 39	26 57		n.a.
S 15	23 17	26 55	4 23	17 2	2 50	13 33	4 21	20 19	1 9	24 4	0 20	22 57	0 49	18 2	0 44	23 16	0 19	19 4	3 6	18 1	17 38	26 57		n.a.
S 16	23 22	25 17	4 52	17 15	2 43	13 29	4 26	20 7	1 9	24 4	0 20	22 56	0 49	18 2	0 44	23 16	0 19	19 4	3 6	17 59	17 37	26 56		n.a.
M17	23 26	22 32	5 8	17 29	2 35	13 26	4 31	19 55	1 8	24 4	0 20	22 55	0 49	18 3	0 44	23 15	0 19	19 3	3 6	17 58	17 37	26 56		n.a.
T 18	23 30	18 50	5 11	17 45	2 26	13 25	4 36	19 43	1 7	24 4	0 20	22 54	0 49	18 3	0 44	23 15	0 19	19 3	3 6	17 57	17 36	26 55		n.a.
W19	23 33	14 20	5 1	18 2	2 18	13 24	4 40	19 30	1 7	24 4	0 20	22 53	0 49	18 4	0 44	23 15	0 19	19 3	3 6	17 56	17 35	26 55		n.a.
T 20	23 36	9 13	4 36	18 21	2 9	13 24	4 44	19 17	1 6	24 3	0 20	22 52	0 49	18 4	0 45	23 15	0 19	19 3	3 6	17 55	17 34	26 54		n.a.
F 21	23 39	3 37	3 59	18 40	2 0	13 25	4 47	19 4	1 5	24 3	0 20	22 51	0 49	18 5	0 45	23 15	0 19	19 3	3 6	17 55	17 33	26 54		n.a.
S 22	23 41	2s17	3 8	19 0	1 51	13 27	4 50	18 51	1 5	24 3	0 21	22 50	0 49	18 5	0 45	23 15	0 19	19 3	3 5	17 56	17 32	26 53		n.a.
S 23	23 42	8 17	2 6	19 20	1 41	13 30	4 52	18 37	1 4	24 3	0 21	22 48	0 49	18 6	0 45	23 15	0 19	19 3	3 5	17 56	17 31	26 53		n.a.
M24	23 43	14 7	0 54	19 40	1 32	13 34	4 54	18 24	1 3	24 3	0 21	22 47	0 49	18 6	0 45	23 15	0 19	19 3	3 5	17 56	17 30	26 52		n.a.
T 25	23 44	19 24	0s23	20 1	1 23	13 39	4 56	18 10	1 3	24 2	0 21	22 46	0 50	18 7	0 45	23 15	0 19	19 3	3 5	17 56	17 29	26 52		n.a.
W26	23 44	23 41	1 40	20 22	1 14	13 44	4 57	17 56	1 2	24 2	0 21	22 45	0 50	18 7	0 45	23 15	0 19	19 3	3 5	17 56	17 29	26 51		n.a.
T 27	23 44	26 28	2 53	20 43	1 4	13 50	4 58	17 42	1 1	24 2	0 21	22 44	0 50	18 8	0 45	23 14	0 19	19 2	3 5	17 55	17 28	26 51		n.a.
F 28	23 43	27 19	3 54	21 3	0 55	13 57	4 59	17 28	1 1	24 2	0 21	22 43	0 50	18 8	0 45	23 14	0 19	19 2	3 5	17 54	17 27	26 50		n.a.
S 29	23 41	26 6	4 39	21 23	0 46	14 4	4 59	17 14	1 0	24 1	0 21	22 42	0 50	18 9	0 45	23 14	0 19	19 2	3 5	17 52	17 26	26 50		n.a.
S 30	23 40	23 0	5 4	21 42	0 37	14 12	4 59	16 59	0 59	24 1	0 21	22 41	0 50	18 9	0 45	23 14	0 19	19 2	3 5	17 50	17 25	26 49		n.a.
M31	23s37	18s26	5s 7	22s 2	0n29	14s20	4n59	16s45	0s59	24s 0	0s21	22s40	0s50	18n10	0n45	23s14	0n19	19n 2	3s 5	17n48	17n24	26n48		n.a.

Julian Day Number = 1609990.5, Delta T = 03h53m52s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°17'01, Lahiri = - 8°10'00 Julian Calendar 1 Dec. 306 BCE == Greg. Calendar 26 Nov. 306 BCE

The year -305 astronomical counting style corresponds to year 306 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

JANUARY 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 21 27	6♑26'46	8♓38	13♐13	25♏16	18♒ 9	4♑54	22♑32	11°R49	6♑53	9°R 1	19°R21	17♉56	19♋17	n.a.	T 1
W 2	6 25 23	7°27'42	22°37	14°31	25°53	18°54	5° 8	22°39	11♌47	6°55	9♊ 0	19♉17	17°53	19°23	n.a.	W 2
T 3	6 29 20	8°28'36	6♈ 8	15°50	26°30	19°39	5°23	22°46	11°45	6°57	8°59	19°D16	17°50	19°30	n.a.	T 3
F 4	6 33 16	9°29'29	19°15	17°11	27° 9	20°25	5°37	22°53	11°43	7° 0	8°58	19°17	17°47	19°37	n.a.	F 4
S 5	6 37 13	10°30'20	1♉59	18°32	27°50	21°10	5°51	23° 0	11°41	7° 2	8°57	19°18	17°44	19°44	n.a.	S 5
S 6	6 41 9	11°31'10	14°26	19°55	28°31	21°55	6° 5	23° 8	11°39	7° 4	8°56	19°R19	17°41	19°50	n.a.	S 6
M 7	6 45 6	12°31'58	26°40	21°19	29°13	22°41	6°20	23°15	11°37	7° 7	8°55	19°19	17°37	19°57	n.a.	M 7
T 8	6 49 3	13°32'44	8♊44	22°44	29°57	23°26	6°34	23°22	11°35	7° 9	8°54	19°16	17°34	20° 4	n.a.	T 8
W 9	6 52 59	14°33'29	20°41	24°10	0♐41	24°11	6°48	23°29	11°33	7°11	8°53	19°12	17°31	20°10	n.a.	W 9
T 10	6 56 56	15°34'13	2♋35	25°37	1°27	24°56	7° 2	23°37	11°30	7°13	8°52	19° 5	17°28	20°17	n.a.	T 10
F 11	7 0 52	16°34'54	14°27	27° 5	2°13	25°41	7°16	23°44	11°28	7°16	8°51	18°55	17°25	20°24	n.a.	F 11
S 12	7 4 49	17°35'35	26°18	28°34	3° 0	26°27	7°30	23°51	11°26	7°18	8°50	18°44	17°22	20°31	n.a.	S 12
S 13	7 8 45	18°36'13	8♌11	0♑ 4	3°49	27°12	7°45	23°58	11°23	7°20	8°49	18°31	17°18	20°37	n.a.	S 13
M14	7 12 42	19°36'51	20° 7	1°34	4°38	27°57	7°59	24° 6	11°21	7°22	8°48	18°20	17°15	20°44	n.a.	M14
T 15	7 16 39	20°37'26	2♍ 7	3° 6	5°27	28°42	8°13	24°13	11°19	7°25	8°47	18° 9	17°12	20°51	n.a.	T 15
W16	7 20 35	21°38'01	14°14	4°38	6°18	29°26	8°27	24°20	11°16	7°27	8°46	18° 0	17° 9	20°57	n.a.	W16
T 17	7 24 32	22°38'33	26°30	6°12	7° 9	0♓11	8°41	24°27	11°14	7°29	8°45	17°54	17° 6	21° 4	n.a.	T 17
F 18	7 28 28	23°39'05	9♎ 0	7°46	8° 1	0°56	8°55	24°35	11°11	7°31	8°44	17°51	17° 2	21°11	n.a.	F 18
S 19	7 32 25	24°39'34	21°47	9°21	8°54	1°41	9° 9	24°42	11° 9	7°33	8°44	17°D50	16°59	21°17	n.a.	S 19
S 20	7 36 21	25°40'03	4♏55	10°57	9°47	2°26	9°23	24°49	11° 6	7°36	8°43	17°50	16°56	21°24	n.a.	S 20
M21	7 40 18	26°40'30	18°27	12°34	10°41	3°11	9°37	24°57	11° 4	7°38	8°42	17°R51	16°53	21°31	n.a.	M21
T 22	7 44 14	27°40'56	2♐27	14°12	11°36	3°55	9°51	25° 4	11° 1	7°40	8°41	17°50	16°50	21°38	n.a.	T 22
W23	7 48 11	28°41'20	16°55	15°51	12°31	4°40	10° 5	25°11	10°59	7°42	8°41	17°47	16°47	21°44	n.a.	W23
T 24	7 52 8	29°41'42	1♑48	17°31	13°27	5°25	10°19	25°18	10°56	7°44	8°40	17°41	16°43	21°51	n.a.	T 24
F 25	7 56 4	0♒42'03	16°58	19°12	14°23	6° 9	10°33	25°26	10°54	7°46	8°39	17°33	16°40	21°58	n.a.	F 25
S 26	8 0 1	1°42'22	2♒18	20°54	15°20	6°54	10°46	25°33	10°51	7°49	8°38	17°23	16°37	22° 4	n.a.	S 26
S 27	8 3 57	2°42'40	17°35	22°37	16°17	7°38	11° 0	25°40	10°49	7°51	8°38	17°11	16°34	22°11	n.a.	S 27
M28	8 7 54	3°42'55	2♓38	24°21	17°15	8°23	11°14	25°48	10°46	7°53	8°37	17° 1	16°31	22°18	n.a.	M28
T 29	8 11 50	4°43'08	17°18	26° 5	18°13	9° 7	11°28	25°55	10°43	7°55	8°36	16°52	16°28	22°25	n.a.	T 29
W30	8 15 47	5°43'18	1♈29	27°51	19°11	9°52	11°41	26° 2	10°41	7°57	8°36	16°45	16°24	22°31	n.a.	W30
T 31	8 19 43	6♒43'27	15♈10	29♑38	20♐10	10♓36	11♑55	26♑ 9	10♌38	7♑59	8♊35	16♉42	16♉21	22♋38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s34	12s55	4s51	22s20	0n20	14s29	4n58	16s30	0s58	24s 0	0s22	22s39	0s50	18n10	0n45	23s14	0n19	19n 2	3s 5	17n47	17n23	26n48		n.a.
W 2	23 31	6 54	4 18	22 38	0 12	14 39	4 58	16 15	0 57	24 0	0 22	22 37	0 50	18 11	0 45	23 14	0 19	19 2	3 4	17 46	17 22	26 47		n.a.
T 3	23 28	0 46	3 31	22 55	0 3	14 48	4 57	16 0	0 56	23 59	0 22	22 36	0 50	18 12	0 45	23 14	0 19	19 2	3 4	17 46	17 21	26 47		n.a.
F 4	23 23	5n14	2 35	23 11	0s 5	14 58	4 55	15 44	0 56	23 59	0 22	22 35	0 50	18 12	0 45	23 14	0 19	19 2	3 4	17 46	17 21	26 46		n.a.
S 5	23 19	10 52	1 32	23 27	0 13	15 9	4 54	15 29	0 55	23 58	0 22	22 34	0 50	18 13	0 45	23 14	0 19	19 2	3 4	17 46	17 20	26 46		n.a.
S 6	23 14	15 57	0 26	23 41	0 20	15 19	4 52	15 14	0 54	23 58	0 22	22 33	0 50	18 13	0 45	23 13	0 19	19 2	3 4	17 46	17 19	26 45		n.a.
M 7	23 8	20 17	0n39	23 55	0 28	15 30	4 50	14 58	0 54	23 57	0 22	22 32	0 50	18 14	0 45	23 13	0 19	19 2	3 4	17 46	17 18	26 44		n.a.
T 8	23 2	23 43	1 42	24 7	0 35	15 42	4 48	14 42	0 53	23 56	0 22	22 30	0 50	18 15	0 45	23 13	0 19	19 2	3 4	17 46	17 17	26 44		n.a.
W 9	22 56	26 4	2 40	24 18	0 42	15 53	4 46	14 27	0 52	23 56	0 22	22 29	0 50	18 15	0 45	23 13	0 19	19 2	3 4	17 44	17 16	26 43		n.a.
T 10	22 49	27 13	3 30	24 29	0 49	16 5	4 43	14 11	0 52	23 55	0 23	22 28	0 50	18 16	0 45	23 13	0 19	19 2	3 4	17 42	17 15	26 42		n.a.
F 11	22 41	27 6	4 11	24 38	0 56	16 16	4 41	13 54	0 51	23 55	0 23	22 27	0 50	18 17	0 45	23 13	0 19	19 1	3 4	17 40	17 14	26 42		n.a.
S 12	22 34	25 44	4 41	24 45	1 2	16 28	4 38	13 38	0 50	23 54	0 23	22 26	0 50	18 17	0 45	23 13	0 19	19 1	3 3	17 36	17 13	26 41		n.a.
S 13	22 25	23 14	4 58	24 52	1 8	16 40	4 35	13 22	0 49	23 53	0 23	22 24	0 51	18 18	0 45	23 13	0 19	19 1	3 3	17 33	17 12	26 40		n.a.
M14	22 17	19 44	5 3	24 57	1 14	16 52	4 32	13 6	0 49	23 52	0 23	22 23	0 51	18 19	0 45	23 13	0 19	19 1	3 3	17 30	17 12	26 40		n.a.
T 15	22 8	15 25	4 54	25 1	1 19	17 4	4 29	12 49	0 48	23 52	0 23	22 22	0 51	18 19	0 45	23 12	0 19	19 1	3 3	17 27	17 11	26 39		n.a.
W16	21 58	10 27	4 32	25 4	1 25	17 16	4 25	12 33	0 47	23 51	0 23	22 21	0 51	18 20	0 45	23 12	0 19	19 1	3 3	17 24	17 10	26 38		n.a.
T 17	21 48	5 2	3 58	25 5	1 30	17 28	4 22	12 16	0 47	23 50	0 23	22 19	0 51	18 21	0 45	23 12	0 19	19 1	3 3	17 23	17 9	26 38		n.a.
F 18	21 38	0s41	3 11	25 4	1 34	17 40	4 18	11 59	0 46	23 49	0 23	22 18	0 51	18 21	0 45	23 12	0 19	19 1	3 3	17 22	17 8	26 37		n.a.
S 19	21 27	6 31	2 14	25 2	1 39	17 52	4 14	11 42	0 45	23 48	0 24	22 17	0 51	18 22	0 45	23 12	0 19	19 1	3 3	17 21	17 7	26 36		n.a.
S 20	21 16	12 15	1 8	24 59	1 43	18 4	4 11	11 25	0 44	23 47	0 24	22 16	0 51	18 23	0 45	23 12	0 19	19 1	3 3	17 21	17 6	26 36		n.a.
M21	21 5	17 35	0s 3	24 54	1 46	18 15	4 7	11 8	0 44	23 47	0 24	22 14	0 51	18 24	0 45	23 12	0 19	19 1	3 2	17 22	17 5	26 35		n.a.
T 22	20 53	22 10	1 17	24 47	1 50	18 27	4 3	10 51	0 43	23 46	0 24	22 13	0 51	18 24	0 45	23 12	0 19	19 1	3 2	17 21	17 4	26 34		n.a.
W23	20 41	25 32	2 28	24 39	1 53	18 38	3 58	10 34	0 42	23 45	0 24	22 12	0 51	18 25	0 45	23 11	0 19	19 1	3 2	17 21	17 3	26 33		n.a.
T 24	20 28	27 14	3 31	24 29	1 56	18 49	3 54	10 17	0 42	23 44	0 24	22 11	0 51	18 26	0 45	23 11	0 19	19 1	3 2	17 19	17 2	26 33		n.a.
F 25	20 15	26 56	4 20	24 17	1 58	19 0	3 50	10 0	0 41	23 43	0 24	22 9	0 51	18 26	0 45	23 11	0 19	19 1	3 2	17 17	17 1	26 32		n.a.
S 26	20 1	24 36	4 51	24 4	2 0	19 11	3 46	9 42	0 40	23 42	0 24	22 8	0 51	18 27	0 45	23 11	0 19	19 1	3 2	17 14	17 1	26 31		n.a.
S 27	19 48	20 31	5 1	23 48	2 1	19 21	3 41	9 25	0 39	23 41	0 25	22 7	0 52	18 28	0 45	23 11	0 19	19 1	3 2	17 10	17 0	26 30		n.a.
M28	19 34	15 10	4 50	23 31	2 3	19 31	3 37	9 7	0 39	23 40	0 25	22 6	0 52	18 29	0 45	23 11	0 19	19 1	3 2	17 7	16 59	26 30		n.a.
T 29	19 19	9 3	4 20	23 12	2 3	19 41	3 32	8 50	0 38	23 39	0 25	22 4	0 52	18 29	0 46	23 11	0 19	19 1	3 2	17 5	16 58	26 29		n.a.
W30	19 4	2 41	3 35	22 52	2 3	19 51	3 27	8 32	0 37	23 38	0 25	22 3	0 52	18 30	0 46	23 11	0 19	19 1	3 1	17 3	16 57	26 28		n.a.
T 31	18s49	3n37	2s38	22s29	2s 3	20s 0	3n23	8s15	0s36	23s37	0s25	22s 2	0s52	18n31	0n46	23s11	0n19	19n 1	3s 1	17n 2	16n56	26n27		n.a.

Julian Day Number = 1610021.5, Delta T = 03h53m51s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'57, Lahiri = - 8°09'56 Julian Calendar 1 Jan. 305 BCE == Greg. Calendar 27 Dec. 306 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

FEBRUARY 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 23 40	7♒43'33	28♈22	1♒26	21♐10	11♓20	12♑ 9	26♑16	10°R36	8♑ 1	8°R35	16°R40	16♉18	22♋45	n.a.	F 1
S 2	8 27 37	8°43'37	11♉ 8	3°16	22°10	12° 4	12°22	26°24	10♌33	8° 3	8♊34	16♉40	16°15	22°51	n.a.	S 2
S 3	8 31 33	9°43'39	23°34	5° 6	23°10	12°49	12°36	26°31	10°30	8° 5	8°34	16°40	16°12	22°58	n.a.	S 3
M 4	8 35 30	10°43'39	5♊43	6°57	24°10	13°33	12°49	26°38	10°28	8° 7	8°33	16°39	16° 8	23° 5	n.a.	M 4
T 5	8 39 26	11°43'36	17°42	8°49	25°11	14°17	13° 2	26°45	10°25	8° 9	8°33	16°36	16° 5	23°12	n.a.	T 5
W 6	8 43 23	12°43'31	29°35	10°43	26°12	15° 1	13°16	26°52	10°23	8°11	8°32	16°30	16° 2	23°18	n.a.	W 6
T 7	8 47 19	13°43'24	11♋25	12°37	27°14	15°45	13°29	26°59	10°20	8°13	8°32	16°21	15°59	23°25	n.a.	T 7
F 8	8 51 16	14°43'15	23°16	14°32	28°16	16°29	13°42	27° 6	10°17	8°15	8°31	16° 9	15°56	23°32	n.a.	F 8
S 9	8 55 12	15°43'03	5♌ 9	16°28	29°18	17°13	13°56	27°13	10°15	8°17	8°31	15°55	15°53	23°38	n.a.	S 9
S 10	8 59 9	16°42'50	17° 6	18°25	0♑20	17°57	14° 9	27°20	10°12	8°19	8°31	15°41	15°49	23°45	n.a.	S 10
M11	9 3 6	17°42'34	29° 9	20°23	1°23	18°41	14°22	27°27	10°10	8°21	8°30	15°26	15°46	23°52	n.a.	M11
T 12	9 7 2	18°42'16	11♍18	22°22	2°26	19°24	14°35	27°34	10° 7	8°22	8°30	15°13	15°43	23°59	n.a.	T 12
W13	9 10 59	19°41'56	23°35	24°21	3°29	20° 8	14°48	27°41	10° 4	8°24	8°30	15° 3	15°40	24° 5	n.a.	W13
T 14	9 14 55	20°41'34	6♎ 0	26°20	4°33	20°52	15° 1	27°48	10° 2	8°26	8°29	14°55	15°37	24°12	n.a.	T 14
F 15	9 18 52	21°41'10	18°37	28°20	5°37	21°35	15°14	27°55	9°59	8°28	8°29	14°50	15°34	24°19	n.a.	F 15
S 16	9 22 48	22°40'45	1♏27	0♓19	6°41	22°19	15°26	28° 2	9°57	8°30	8°29	14°48	15°30	24°25	n.a.	S 16
S 17	9 26 45	23°40'17	14°35	2°18	7°45	23° 3	15°39	28° 9	9°54	8°31	8°29	14°D48	15°27	24°32	n.a.	S 17
M18	9 30 41	24°39'48	28° 2	4°17	8°49	23°46	15°52	28°16	9°52	8°33	8°28	14°R48	15°24	24°39	n.a.	M18
T 19	9 34 38	25°39'17	11♐51	6°15	9°54	24°30	16° 4	28°23	9°49	8°35	8°28	14°47	15°21	24°46	n.a.	T 19
W20	9 38 34	26°38'44	26° 4	8°11	10°59	25°13	16°17	28°29	9°47	8°37	8°28	14°44	15°18	24°52	n.a.	W20
T 21	9 42 31	27°38'09	10♑39	10° 6	12° 4	25°56	16°29	28°36	9°44	8°38	8°28	14°39	15°14	24°59	n.a.	T 21
F 22	9 46 28	28°37'32	25°33	11°59	13°10	26°40	16°42	28°43	9°42	8°40	8°28	14°31	15°11	25° 6	n.a.	F 22
S 23	9 50 24	29°36'54	10♒38	13°49	14°15	27°23	16°54	28°49	9°39	8°41	8°28	14°21	15° 8	25°12	n.a.	S 23
S 24	9 54 21	0♓36'13	25°44	15°36	15°21	28° 6	17° 6	28°56	9°37	8°43	8°28	14°10	15° 5	25°19	n.a.	S 24
M25	9 58 17	1°35'30	10♓42	17°20	16°27	28°49	17°18	29° 2	9°35	8°45	8°D28	14° 0	15° 2	25°26	n.a.	M25
T 26	10 2 14	2°34'44	25°22	19° 1	17°33	29°33	17°31	29° 9	9°32	8°46	8°28	13°51	14°59	25°33	n.a.	T 26
W27	10 6 10	3°33'57	9♈37	20°37	18°39	0♈16	17°43	29°15	9°30	8°48	8°28	13°44	14°55	25°39	n.a.	W27
T 28	10 10 7	4°33'07	23°24	22° 9	19°45	0°59	17°55	29°22	9°28	8°49	8°28	13°40	14°52	25°46	n.a.	T 28
F 29	10 14 3	5♓32'15	6♉42	23♓36	20♑52	1♈42	18♑ 6	29♑28	9♌25	8♑51	8♊28	13♉38	14♉49	25♋53	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s34	9n33	1s35	22s 5	2s 3	20s 9	3n18	7s57	0s36	23s35	0s25	22s 0	0s52	18n32	0n46	23s10	0n19	19n 1	3s 1	17n 1	16n55	26n26		n.a.
S 2	18 18	14 53	0 29	21 38	2 2	20 17	3 13	7 39	0 35	23 34	0 25	21 59	0 52	18 32	0 46	23 10	0 19	19 1	3 1	17 1	16 54	26 25		n.a.
S 3	18 2	19 29	0n36	21 10	2 0	20 25	3 8	7 22	0 34	23 33	0 25	21 58	0 52	18 33	0 46	23 10	0 19	19 1	3 1	17 1	16 53	26 25		n.a.
M 4	17 46	23 9	1 39	20 40	1 58	20 33	3 4	7 4	0 34	23 32	0 26	21 56	0 52	18 34	0 46	23 10	0 19	19 1	3 1	17 1	16 52	26 24		n.a.
T 5	17 29	25 45	2 36	20 7	1 55	20 40	2 59	6 46	0 33	23 31	0 26	21 55	0 52	18 34	0 46	23 10	0 19	19 2	3 1	17 0	16 51	26 23		n.a.
W 6	17 12	27 10	3 26	19 33	1 52	20 47	2 54	6 28	0 32	23 30	0 26	21 54	0 52	18 35	0 46	23 10	0 19	19 2	3 1	16 58	16 50	26 22		n.a.
T 7	16 55	27 19	4 6	18 57	1 48	20 54	2 49	6 10	0 32	23 28	0 26	21 53	0 52	18 36	0 46	23 10	0 19	19 2	3 0	16 56	16 49	26 21		n.a.
F 8	16 37	26 14	4 36	18 19	1 44	21 0	2 44	5 52	0 31	23 27	0 26	21 51	0 53	18 37	0 46	23 10	0 19	19 2	3 0	16 52	16 49	26 20		n.a.
S 9	16 19	23 57	4 54	17 40	1 39	21 5	2 39	5 34	0 30	23 26	0 26	21 50	0 53	18 37	0 46	23 9	0 19	19 2	3 0	16 48	16 48	26 20		n.a.
S 10	16 1	20 38	4 59	16 58	1 33	21 10	2 34	5 16	0 29	23 25	0 26	21 49	0 53	18 38	0 46	23 9	0 19	19 2	3 0	16 44	16 47	26 19		n.a.
M11	15 43	16 26	4 51	16 15	1 27	21 15	2 29	4 58	0 29	23 23	0 27	21 47	0 53	18 39	0 46	23 9	0 19	19 2	3 0	16 40	16 46	26 18		n.a.
T 12	15 24	11 33	4 29	15 30	1 21	21 19	2 24	4 40	0 28	23 22	0 27	21 46	0 53	18 39	0 46	23 9	0 19	19 2	3 0	16 36	16 45	26 17		n.a.
W13	15 5	6 10	3 55	14 43	1 13	21 23	2 19	4 22	0 27	23 21	0 27	21 45	0 53	18 40	0 46	23 9	0 19	19 2	3 0	16 33	16 44	26 16		n.a.
T 14	14 46	0 29	3 9	13 55	1 5	21 26	2 14	4 4	0 27	23 19	0 27	21 43	0 53	18 41	0 46	23 9	0 19	19 2	3 0	16 31	16 43	26 15		n.a.
F 15	14 27	5s20	2 13	13 5	0 57	21 28	2 9	3 46	0 26	23 18	0 27	21 42	0 53	18 42	0 46	23 9	0 19	19 2	2 59	16 29	16 42	26 14		n.a.
S 16	14 7	11 2	1 10	12 14	0 48	21 30	2 3	3 28	0 25	23 17	0 27	21 41	0 53	18 42	0 46	23 9	0 19	19 2	2 59	16 29	16 41	26 13		n.a.
S 17	13 48	16 23	0 1	11 22	0 38	21 32	1 58	3 10	0 24	23 15	0 27	21 40	0 54	18 43	0 46	23 9	0 19	19 2	2 59	16 28	16 40	26 12		n.a.
M18	13 28	21 5	1s 9	10 29	0 28	21 33	1 53	2 52	0 24	23 14	0 28	21 38	0 54	18 44	0 46	23 8	0 19	19 2	2 59	16 28	16 39	26 11		n.a.
T 19	13 8	24 46	2 18	9 36	0 17	21 34	1 48	2 34	0 23	23 13	0 28	21 37	0 54	18 44	0 46	23 8	0 19	19 3	2 59	16 28	16 38	26 10		n.a.
W20	12 47	27 0	3 20	8 42	0 6	21 33	1 43	2 16	0 22	23 11	0 28	21 36	0 54	18 45	0 46	23 8	0 19	19 3	2 59	16 27	16 37	26 9		n.a.
T 21	12 27	27 27	4 10	7 47	0n 6	21 33	1 38	1 58	0 22	23 10	0 28	21 34	0 54	18 46	0 46	23 8	0 19	19 3	2 59	16 26	16 36	26 9		n.a.
F 22	12 6	25 57	4 45	6 53	0 18	21 32	1 33	1 40	0 21	23 9	0 28	21 33	0 54	18 46	0 46	23 8	0 19	19 3	2 59	16 23	16 35	26 8		n.a.
S 23	11 45	22 36	5 0	5 59	0 30	21 30	1 28	1 22	0 20	23 7	0 28	21 32	0 54	18 47	0 45	23 8	0 19	19 3	2 58	16 21	16 35	26 7		n.a.
S 24	11 24	17 43	4 55	5 6	0 42	21 27	1 23	1 4	0 20	23 6	0 29	21 31	0 54	18 48	0 45	23 8	0 19	19 3	2 58	16 17	16 34	26 6		n.a.
M25	11 2	11 47	4 29	4 13	0 55	21 25	1 19	0 46	0 19	23 4	0 29	21 29	0 54	18 48	0 45	23 8	0 19	19 3	2 58	16 14	16 33	26 5		n.a.
T 26	10 41	5 19	3 46	3 22	1 7	21 21	1 14	0 28	0 18	23 3	0 29	21 28	0 55	18 49	0 45	23 8	0 19	19 3	2 58	16 11	16 32	26 4		n.a.
W27	10 19	1n15	2 50	2 32	1 20	21 17	1 9	0 10	0 18	23 2	0 29	21 27	0 55	18 49	0 45	23 8	0 19	19 4	2 58	16 9	16 31	26 3		n.a.
T 28	9 58	7 34	1 45	1 44	1 32	21 12	1 4	0n 8	0 17	23 0	0 29	21 26	0 55	18 50	0 45	23 7	0 19	19 4	2 58	16 8	16 30	26 2		n.a.
F 29	9s36	13n20	0s37	0s58	1n45	21s 7	0n59	0n26	0s16	22s59	0s29	21s24	0s55	18n51	0n45	23s 7	0n19	19n 4	2s58	16n 8	16n29	26n 1		n.a.

Julian Day Number = 1610052.5, Delta T = 03h53m50s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'52, Lahiri = - 8°09'52 Julian Calendar 1 Feb. 305 BCE == Greg. Calendar 27 Jan. 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

MARCH 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 18 0	6♓31'20	19♉34	24♓57	21♑58	2♈25	18♑18	29♑35	9°R23	8♑52	8♊28	13°D38	14♉46	25♋59	n.a.	S 1
S 2	10 21 57	7°30'23	2♊ 4	26°14	23° 5	3° 8	18°30	29°41	9♌21	8°53	8°28	13°R39	14°43	26° 6	n.a.	S 2
M 3	10 25 53	8°29'23	14°16	27°24	24°12	3°51	18°41	29°47	9°19	8°55	8°28	13♉39	14°39	26°13	n.a.	M 3
T 4	10 29 50	9°28'22	26°16	28°29	25°19	4°33	18°53	29°53	9°16	8°56	8°29	13°37	14°36	26°20	n.a.	T 4
W 5	10 33 46	10°27'18	8♋ 9	29°27	26°26	5°16	19° 4	29°59	9°14	8°57	8°29	13°33	14°33	26°26	n.a.	W 5
T 6	10 37 43	11°26'11	19°59	0♈19	27°34	5°59	19°16	0♒ 6	9°12	8°59	8°29	13°27	14°30	26°33	n.a.	T 6
F 7	10 41 39	12°25'02	1♌51	1° 5	28°41	6°42	19°27	0°12	9°10	9° 0	8°29	13°19	14°27	26°40	n.a.	F 7
S 8	10 45 36	13°23'51	13°47	1°44	29°49	7°24	19°38	0°18	9° 8	9° 1	8°29	13° 8	14°24	26°46	n.a.	S 8
S 9	10 49 32	14°22'37	25°51	2°16	0♒56	8° 7	19°49	0°24	9° 6	9° 2	8°30	12°57	14°20	26°53	n.a.	S 9
M10	10 53 29	15°21'22	8♍ 2	2°42	2° 4	8°49	20° 0	0°30	9° 4	9° 4	8°30	12°46	14°17	27° 0	n.a.	M10
T 11	10 57 26	16°20'04	20°23	3° 1	3°12	9°32	20°11	0°35	9° 2	9° 5	8°30	12°36	14°14	27° 7	n.a.	T 11
W12	11 1 22	17°18'44	2♎55	3°13	4°20	10°14	20°22	0°41	9° 0	9° 6	8°31	12°28	14°11	27°13	n.a.	W12
T 13	11 5 19	18°17'22	15°36	3°R19	5°28	10°57	20°32	0°47	8°58	9° 7	8°31	12°23	14° 8	27°20	n.a.	T 13
F 14	11 9 15	19°15'58	28°29	3°19	6°36	11°39	20°43	0°53	8°57	9° 8	8°32	12°20	14° 5	27°27	n.a.	F 14
S 15	11 13 12	20°14'32	11♏34	3°12	7°45	12°21	20°53	0°58	8°55	9° 9	8°32	12°D19	14° 1	27°33	n.a.	S 15
S 16	11 17 8	21°13'05	24°52	3° 0	8°53	13° 4	21° 4	1° 4	8°53	9°10	8°32	12°19	13°58	27°40	n.a.	S 16
M17	11 21 5	22°11'36	8♐25	2°42	10° 2	13°46	21°14	1° 9	8°51	9°11	8°33	12°20	13°55	27°47	n.a.	M17
T 18	11 25 1	23°10'05	22°14	2°19	11°10	14°28	21°24	1°15	8°50	9°12	8°33	12°R21	13°52	27°54	n.a.	T 18
W19	11 28 58	24° 8'33	6♑18	1°52	12°19	15°10	21°34	1°20	8°48	9°13	8°34	12°20	13°49	28° 0	n.a.	W19
T 20	11 32 54	25° 6'59	20°38	1°20	13°28	15°52	21°44	1°25	8°47	9°14	8°34	12°18	13°45	28° 7	n.a.	T 20
F 21	11 36 51	26° 5'23	5♒11	0°46	14°37	16°34	21°54	1°31	8°45	9°15	8°35	12°13	13°42	28°14	n.a.	F 21
S 22	11 40 48	27° 3'45	19°52	0° 8	15°46	17°16	22° 4	1°36	8°44	9°16	8°36	12° 7	13°39	28°21	n.a.	S 22
S 23	11 44 44	28° 2'06	4♓34	29♓29	16°55	17°58	22°13	1°41	8°42	9°16	8°36	12° 0	13°36	28°27	n.a.	S 23
M24	11 48 41	29° 0'24	19°10	28°49	18° 4	18°40	22°23	1°46	8°41	9°17	8°37	11°54	13°33	28°34	n.a.	M24
T 25	11 52 37	29°58'41	3♈34	28° 8	19°13	19°22	22°32	1°51	8°39	9°18	8°37	11°48	13°30	28°41	n.a.	T 25
W26	11 56 34	0♈56'56	17°38	27°27	20°23	20° 4	22°41	1°56	8°38	9°18	8°38	11°44	13°26	28°47	n.a.	W26
T 27	12 0 30	1°55'09	1♉20	26°47	21°32	20°46	22°50	2° 1	8°37	9°19	8°39	11°42	13°23	28°54	n.a.	T 27
F 28	12 4 27	2°53'20	14°37	26° 9	22°42	21°27	22°59	2° 5	8°36	9°20	8°40	11°D41	13°20	29° 1	n.a.	F 28
S 29	12 8 23	3°51'30	27°31	25°34	23°51	22° 9	23° 8	2°10	8°35	9°20	8°40	11°42	13°17	29° 8	n.a.	S 29
S 30	12 12 20	4°49'37	10♊ 4	25° 1	25° 1	22°51	23°17	2°15	8°33	9°21	8°41	11°44	13°14	29°14	n.a.	S 30
M31	12 16 17	5♈47'42	22♊20	24♓31	26♒10	23♈32	23♑26	2♒19	8♌32	9♑21	8♊42	11♉45	13♉11	29♋21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s14	18n21	0n32	0s15	1n56	21s 1	0n54	0n44	0s15	22s57	0s30	21s23	0s55	18n51	0n45	23s 7	0n19	19n 4	2s58	16n 8	16n28	26n 0		n.a.
S 2	8 51	22 24	1 36	0n26	2 8	20 55	0 50	1 2	0 15	22 56	0 30	21 22	0 55	18 52	0 45	23 7	0 19	19 4	2 57	16 8	16 27	25 58		n.a.
M 3	8 29	25 22	2 35	1 4	2 19	20 48	0 45	1 20	0 14	22 54	0 30	21 21	0 55	18 52	0 45	23 7	0 19	19 4	2 57	16 8	16 26	25 57		n.a.
T 4	8 7	27 7	3 26	1 40	2 29	20 40	0 40	1 38	0 13	22 53	0 30	21 20	0 55	18 53	0 45	23 7	0 19	19 4	2 57	16 7	16 25	25 56		n.a.
W 5	7 44	27 36	4 8	2 12	2 39	20 32	0 36	1 55	0 13	22 51	0 30	21 18	0 56	18 54	0 45	23 7	0 19	19 5	2 57	16 6	16 24	25 55		n.a.
T 6	7 22	26 49	4 39	2 41	2 48	20 24	0 31	2 13	0 12	22 50	0 30	21 17	0 56	18 54	0 45	23 7	0 19	19 5	2 57	16 4	16 23	25 54		n.a.
F 7	6 59	24 49	4 57	3 7	2 56	20 14	0 27	2 31	0 11	22 49	0 31	21 16	0 56	18 55	0 45	23 7	0 19	19 5	2 57	16 2	16 22	25 53		n.a.
S 8	6 36	21 43	5 3	3 29	3 3	20 5	0 22	2 49	0 11	22 47	0 31	21 15	0 56	18 55	0 45	23 7	0 19	19 5	2 57	15 58	16 21	25 52		n.a.
S 9	6 13	17 41	4 56	3 47	3 9	19 54	0 18	3 6	0 10	22 46	0 31	21 14	0 56	18 56	0 45	23 7	0 19	19 5	2 56	15 55	16 20	25 51		n.a.
M10	5 50	12 54	4 35	4 2	3 13	19 43	0 14	3 24	0 9	22 44	0 31	21 12	0 56	18 56	0 45	23 7	0 19	19 5	2 56	15 52	16 19	25 50		n.a.
T 11	5 27	7 32	4 1	4 13	3 17	19 32	0 9	3 41	0 9	22 43	0 31	21 11	0 56	18 57	0 45	23 6	0 19	19 6	2 56	15 49	16 18	25 49		n.a.
W12	5 4	1 48	3 15	4 20	3 20	19 20	0 5	3 59	0 8	22 41	0 31	21 10	0 56	18 57	0 45	23 6	0 19	19 6	2 56	15 46	16 17	25 48		n.a.
T 13	4 41	4s 6	2 18	4 24	3 21	19 7	0 1	4 16	0 7	22 40	0 32	21 9	0 57	18 58	0 45	23 6	0 19	19 6	2 56	15 44	16 16	25 47		n.a.
F 14	4 18	9 56	1 14	4 23	3 20	18 54	0s 3	4 34	0 7	22 38	0 32	21 8	0 57	18 58	0 45	23 6	0 19	19 6	2 56	15 43	16 16	25 45		n.a.
S 15	3 55	15 26	0 4	4 19	3 19	18 40	0 7	4 51	0 6	22 37	0 32	21 7	0 57	18 59	0 45	23 6	0 19	19 6	2 56	15 43	16 15	25 44		n.a.
S 16	3 31	20 18	1s 7	4 11	3 15	18 26	0 11	5 8	0 5	22 36	0 32	21 6	0 57	18 59	0 45	23 6	0 19	19 7	2 56	15 43	16 14	25 43		n.a.
M17	3 8	24 13	2 16	4 0	3 11	18 11	0 15	5 25	0 5	22 34	0 32	21 5	0 57	18 59	0 45	23 6	0 19	19 7	2 55	15 44	16 13	25 42		n.a.
T 18	2 45	26 48	3 18	3 45	3 5	17 56	0 19	5 42	0 4	22 33	0 33	21 4	0 57	19 0	0 45	23 6	0 19	19 7	2 55	15 44	16 12	25 41		n.a.
W19	2 21	27 44	4 9	3 27	2 57	17 40	0 23	6 0	0 4	22 31	0 33	21 2	0 57	19 0	0 45	23 6	0 19	19 7	2 55	15 44	16 11	25 40		n.a.
T 20	1 58	26 50	4 46	3 6	2 48	17 24	0 26	6 17	0 3	22 30	0 33	21 1	0 58	19 1	0 45	23 6	0 19	19 7	2 55	15 43	16 10	25 39		n.a.
F 21	1 34	24 8	5 5	2 42	2 37	17 7	0 30	6 33	0 2	22 28	0 33	21 0	0 58	19 1	0 45	23 6	0 19	19 8	2 55	15 42	16 9	25 37		n.a.
S 22	1 11	19 51	5 5	2 17	2 26	16 50	0 33	6 50	0 2	22 27	0 33	20 59	0 58	19 1	0 45	23 6	0 19	19 8	2 55	15 40	16 8	25 36		n.a.
S 23	0 47	14 21	4 45	1 49	2 13	16 33	0 37	7 7	0 1	22 26	0 34	20 58	0 58	19 2	0 45	23 6	0 19	19 8	2 55	15 38	16 7	25 35		n.a.
M24	0 24	8 5	4 6	1 20	1 59	16 14	0 40	7 24	0 0	22 24	0 34	20 57	0 58	19 2	0 45	23 6	0 19	19 8	2 55	15 36	16 6	25 34		n.a.
T 25	0 1	1 29	3 11	0 50	1 44	15 56	0 44	7 41	0n 0	22 23	0 34	20 56	0 58	19 2	0 45	23 6	0 19	19 8	2 54	15 34	16 5	25 33		n.a.
W26	0n23	5n 3	2 7	0 20	1 29	15 37	0 47	7 57	0 1	22 22	0 34	20 55	0 59	19 3	0 45	23 6	0 19	19 9	2 54	15 32	16 4	25 31		n.a.
T 27	0 46	11 12	0 56	0s11	1 13	15 17	0 50	8 14	0 2	22 20	0 34	20 54	0 59	19 3	0 45	23 5	0 19	19 9	2 54	15 32	16 3	25 30		n.a.
F 28	1 10	16 41	0n16	0 41	0 56	14 57	0 53	8 30	0 2	22 19	0 35	20 54	0 59	19 3	0 45	23 5	0 19	19 9	2 54	15 32	16 2	25 29		n.a.
S 29	1 33	21 14	1 25	1 11	0 40	14 37	0 56	8 46	0 3	22 18	0 35	20 53	0 59	19 4	0 45	23 5	0 19	19 9	2 54	15 32	16 1	25 28		n.a.
S 30	1 56	24 40	2 28	1 39	0 23	14 16	0 59	9 3	0 3	22 16	0 35	20 52	0 59	19 4	0 45	23 5	0 19	19 10	2 54	15 32	16 0	25 26		n.a.
M31	2n20	26n53	3n23	2s 6	0n 6	13s55	1s 2	9n19	0n 4	22s15	0s35	20s51	0s59	19n 4	0n45	23s 5	0n19	19n10	2s54	15n33	15n59	25n25		n.a.

Julian Day Number = 1610081.5, Delta T = 03h53m49s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'48, Lahiri = - 8°09'48 Julian Calendar 1 March 305 BCE == Greg. Calendar 25 Feb. 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

APRIL 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 20 13	6♈45'45	4♋23	24°R 6	27♒20	24♈14	23♑34	2♒24	8°R31	9♑22	8♊43	11°R46	13♉ 7	29♋28	n.a.	T 1
W 2	12 24 10	7°43'46	16°18	23♓44	28°30	24°56	23°42	2°28	8♌30	9°22	8°43	11♉46	13° 4	29°34	n.a.	W 2
T 3	12 28 6	8°41'45	28°10	23°26	29°40	25°37	23°51	2°32	8°29	9°23	8°44	11°44	13° 1	29°41	n.a.	T 3
F 4	12 32 3	9°39'42	10♌ 4	23°13	0♓50	26°18	23°59	2°37	8°29	9°23	8°45	11°41	12°58	29°48	n.a.	F 4
S 5	12 35 59	10°37'37	22° 4	23° 5	1°59	27° 0	24° 7	2°41	8°28	9°24	8°46	11°36	12°55	29°55	n.a.	S 5
S 6	12 39 56	11°35'30	4♍12	23°D 2	3° 9	27°41	24°14	2°45	8°27	9°24	8°47	11°31	12°51	0♌ 1	n.a.	S 6
M 7	12 43 52	12°33'21	16°32	23° 3	4°19	28°22	24°22	2°49	8°26	9°24	8°48	11°27	12°48	0° 8	n.a.	M 7
T 8	12 47 49	13°31'11	29° 5	23° 9	5°30	29° 4	24°29	2°53	8°26	9°25	8°49	11°22	12°45	0°15	n.a.	T 8
W 9	12 51 45	14°28'59	11♎52	23°19	6°40	29°45	24°37	2°57	8°25	9°25	8°50	11°19	12°42	0°21	n.a.	W 9
T 10	12 55 42	15°26'45	24°54	23°34	7°50	0♉26	24°44	3° 0	8°25	9°25	8°51	11°16	12°39	0°28	n.a.	T 10
F 11	12 59 39	16°24'30	8♏ 9	23°54	9° 0	1° 7	24°51	3° 4	8°24	9°25	8°52	11°D15	12°36	0°35	n.a.	F 11
S 12	13 3 35	17°22'14	21°36	24°18	10°11	1°48	24°58	3° 8	8°24	9°25	8°53	11°16	12°32	0°42	n.a.	S 12
S 13	13 7 32	18°19'56	5♐16	24°46	11°21	2°29	25° 5	3°11	8°23	9°25	8°54	11°17	12°29	0°48	n.a.	S 13
M14	13 11 28	19°17'37	19° 6	25°18	12°31	3°10	25°11	3°14	8°23	9°25	8°55	11°18	12°26	0°55	n.a.	M14
T 15	13 15 25	20°15'17	3♑ 6	25°55	13°42	3°51	25°18	3°18	8°23	9°26	8°56	11°19	12°23	1° 2	n.a.	T 15
W16	13 19 21	21°12'56	17°13	26°35	14°52	4°32	25°24	3°21	8°22	9°R26	8°57	11°R20	12°20	1° 9	n.a.	W16
T 17	13 23 18	22°10'33	1♒27	27°19	16° 3	5°13	25°30	3°24	8°22	9°26	8°58	11°20	12°16	1°15	n.a.	T 17
F 18	13 27 14	23° 8'10	15°44	28° 7	17°14	5°54	25°36	3°27	8°22	9°25	8°59	11°19	12°13	1°22	n.a.	F 18
S 19	13 31 11	24° 5'45	0♓ 2	28°58	18°24	6°35	25°42	3°30	8°22	9°25	9° 0	11°17	12°10	1°29	n.a.	S 19
S 20	13 35 8	25° 3'19	14°18	29°52	19°35	7°16	25°48	3°33	8°D22	9°25	9° 1	11°15	12° 7	1°35	n.a.	S 20
M21	13 39 4	26° 0'53	28°26	0♈50	20°46	7°56	25°53	3°36	8°22	9°25	9° 2	11°13	12° 4	1°42	n.a.	M21
T 22	13 43 1	26°58'25	12♈23	1°51	21°57	8°37	25°59	3°39	8°22	9°25	9° 4	11°11	12° 1	1°49	n.a.	T 22
W23	13 46 57	27°55'56	26° 6	2°55	23° 8	9°18	26° 4	3°41	8°22	9°25	9° 5	11°10	11°57	1°56	n.a.	W23
T 24	13 50 54	28°53'25	9♉31	4° 2	24°19	9°58	26° 9	3°44	8°22	9°24	9° 6	11°D10	11°54	2° 2	n.a.	T 24
F 25	13 54 50	29°50'54	22°38	5°12	25°29	10°39	26°14	3°46	8°22	9°24	9° 7	11°10	11°51	2° 9	n.a.	F 25
S 26	13 58 47	0♉48'21	5♊26	6°25	26°40	11°19	26°18	3°49	8°23	9°24	9° 8	11°11	11°48	2°16	n.a.	S 26
S 27	14 2 43	1°45'47	17°57	7°41	27°51	12° 0	26°23	3°51	8°23	9°24	9°10	11°12	11°45	2°22	n.a.	S 27
M28	14 6 40	2°43'12	0♋13	8°59	29° 3	12°40	26°27	3°53	8°24	9°23	9°11	11°13	11°42	2°29	n.a.	M28
T 29	14 10 37	3°40'36	12°17	10°20	0♈14	13°21	26°31	3°55	8°24	9°23	9°12	11°13	11°38	2°36	n.a.	T 29
W30	14 14 33	4♉37'58	24♋13	11♈44	1♈25	14♉ 1	26♑35	3♒57	8♌24	9♑22	9♊13	11♉14	11♉35	2♌43	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n43	27n47	4n 8	2s32	0s10	13s33	1s 5	9n35	0n 5	22s14	0s35	20s50	0s59	19n 4	0n45	23s 5	0n19	19n10	2s54	15n33	15n58	25n24		n.a.
W 2	3 6	27 23	4 42	2 55	0 26	13 12	1 7	9 51	0 5	22 13	0 36	20 49	1 0	19 5	0 45	23 5	0 19	19 10	2 54	15 33	15 57	25 23		n.a.
T 3	3 29	25 43	5 3	3 16	0 42	12 49	1 10	10 7	0 6	22 11	0 36	20 48	1 0	19 5	0 45	23 5	0 19	19 11	2 53	15 32	15 56	25 21		n.a.
F 4	3 52	22 56	5 12	3 35	0 57	12 27	1 12	10 23	0 7	22 10	0 36	20 47	1 0	19 5	0 45	23 5	0 19	19 11	2 53	15 31	15 55	25 20		n.a.
S 5	4 15	19 9	5 7	3 52	1 11	12 4	1 15	10 38	0 7	22 9	0 36	20 47	1 0	19 5	0 45	23 5	0 19	19 11	2 53	15 30	15 54	25 19		n.a.
S 6	4 38	14 33	4 48	4 6	1 25	11 40	1 17	10 54	0 8	22 8	0 37	20 46	1 0	19 5	0 44	23 5	0 19	19 11	2 53	15 29	15 53	25 17		n.a.
M 7	5 1	9 18	4 16	4 17	1 37	11 17	1 20	11 9	0 8	22 7	0 37	20 45	1 0	19 5	0 44	23 5	0 19	19 12	2 53	15 27	15 52	25 16		n.a.
T 8	5 24	3 35	3 31	4 26	1 50	10 53	1 22	11 25	0 9	22 6	0 37	20 44	1 1	19 6	0 44	23 5	0 19	19 12	2 53	15 26	15 51	25 15		n.a.
W 9	5 47	2s23	2 34	4 32	2 1	10 28	1 24	11 40	0 10	22 4	0 37	20 44	1 1	19 6	0 44	23 5	0 19	19 12	2 53	15 24	15 50	25 14		n.a.
T 10	6 9	8 23	1 29	4 35	2 11	10 4	1 26	11 55	0 10	22 3	0 37	20 43	1 1	19 6	0 44	23 5	0 19	19 12	2 53	15 24	15 49	25 12		n.a.
F 11	6 32	14 8	0 17	4 36	2 21	9 39	1 28	12 10	0 11	22 2	0 38	20 42	1 1	19 6	0 44	23 5	0 19	19 13	2 52	15 24	15 48	25 11		n.a.
S 12	6 54	19 18	0s57	4 34	2 29	9 13	1 30	12 25	0 11	22 1	0 38	20 42	1 1	19 6	0 44	23 5	0 19	19 13	2 52	15 24	15 47	25 10		n.a.
S 13	7 16	23 33	2 8	4 30	2 37	8 48	1 31	12 40	0 12	22 0	0 38	20 41	1 1	19 6	0 44	23 5	0 19	19 13	2 52	15 24	15 46	25 8		n.a.
M14	7 39	26 29	3 13	4 23	2 44	8 22	1 33	12 55	0 13	21 59	0 38	20 40	1 2	19 6	0 44	23 5	0 19	19 13	2 52	15 24	15 45	25 7		n.a.
T 15	8 1	27 49	4 8	4 14	2 50	7 56	1 35	13 10	0 13	21 58	0 39	20 40	1 2	19 6	0 44	23 5	0 19	19 14	2 52	15 25	15 45	25 5		n.a.
W16	8 22	27 22	4 48	4 3	2 55	7 30	1 36	13 24	0 14	21 57	0 39	20 39	1 2	19 6	0 44	23 5	0 19	19 14	2 52	15 25	15 44	25 4		n.a.
T 17	8 44	25 7	5 10	3 49	2 59	7 4	1 38	13 39	0 14	21 56	0 39	20 38	1 2	19 6	0 44	23 5	0 19	19 14	2 52	15 25	15 43	25 3		n.a.
F 18	9 6	21 18	5 14	3 33	3 3	6 37	1 39	13 53	0 15	21 56	0 39	20 38	1 2	19 6	0 44	23 5	0 19	19 14	2 52	15 25	15 42	25 1		n.a.
S 19	9 27	16 14	4 58	3 15	3 6	6 10	1 40	14 7	0 15	21 55	0 40	20 37	1 3	19 6	0 44	23 5	0 19	19 15	2 52	15 24	15 41	25 0		n.a.
S 20	9 49	10 18	4 24	2 55	3 8	5 43	1 41	14 21	0 16	21 54	0 40	20 37	1 3	19 6	0 44	23 5	0 19	19 15	2 52	15 23	15 40	24 59		n.a.
M21	10 10	3 54	3 34	2 33	3 9	5 16	1 42	14 35	0 17	21 53	0 40	20 36	1 3	19 6	0 44	23 5	0 19	19 15	2 51	15 23	15 39	24 57		n.a.
T 22	10 31	2n37	2 32	2 9	3 9	4 49	1 43	14 49	0 17	21 52	0 40	20 36	1 3	19 6	0 44	23 5	0 19	19 16	2 51	15 22	15 38	24 56		n.a.
W23	10 52	8 55	1 22	1 43	3 9	4 21	1 44	15 3	0 18	21 52	0 41	20 35	1 3	19 6	0 44	23 5	0 19	19 16	2 51	15 22	15 37	24 54		n.a.
T 24	11 13	14 42	0 9	1 15	3 8	3 53	1 45	15 16	0 18	21 51	0 41	20 35	1 3	19 6	0 44	23 5	0 19	19 16	2 51	15 22	15 36	24 53		n.a.
F 25	11 33	19 40	1n 3	0 45	3 7	3 26	1 46	15 30	0 19	21 50	0 41	20 35	1 4	19 6	0 44	23 5	0 19	19 16	2 51	15 22	15 35	24 51		n.a.
S 26	11 54	23 36	2 10	0 14	3 4	2 58	1 46	15 43	0 19	21 49	0 41	20 34	1 4	19 6	0 44	23 5	0 19	19 17	2 51	15 22	15 34	24 50		n.a.
S 27	12 14	26 20	3 10	0n19	3 1	2 30	1 47	15 56	0 20	21 49	0 42	20 34	1 4	19 6	0 44	23 5	0 19	19 17	2 51	15 22	15 33	24 49		n.a.
M28	12 34	27 43	3 59	0 53	2 58	2 1	1 47	16 9	0 21	21 48	0 42	20 34	1 4	19 5	0 44	23 5	0 19	19 17	2 51	15 23	15 32	24 47		n.a.
T 29	12 54	27 45	4 37	1 29	2 53	1 33	1 48	16 22	0 21	21 48	0 42	20 33	1 4	19 5	0 44	23 5	0 19	19 18	2 51	15 23	15 31	24 46		n.a.
W30	13n13	26n30	5n 3	2n 7	2s49	1s 5	1s48	16n35	0n22	21s47	0s42	20s33	1s 5	19n 5	0n44	23s 5	0n19	19n18	2s51	15n23	15n30	24n44		n.a.

Julian Day Number = 1610112.5, Delta T = 03h53m48s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'44, Lahiri = - 8°09'44 Julian Calendar 1 Apr. 305 BCE == Greg. Calendar 27 March 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

MAY 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 18 30	5♉35'19	6♌ 7	13♈11	2♈36	14♉42	26♑39	3♒59	8♌25	9°R22	9♊15	11°R14	11♉32	2♌49	n.a.	T 1
F 2	14 22 26	6°32'39	18° 2	14°40	3°47	15°22	26°43	4° 1	8°26	9♑21	9°16	11♉14	11°29	2°56	n.a.	F 2
S 3	14 26 23	7°29'57	0♍ 2	16°12	4°58	16° 2	26°46	4° 2	8°26	9°21	9°17	11°13	11°26	3° 3	n.a.	S 3
S 4	14 30 19	8°27'15	12°13	17°46	6°10	16°42	26°50	4° 4	8°27	9°20	9°19	11°13	11°22	3°10	n.a.	S 4
M 5	14 34 16	9°24'31	24°38	19°23	7°21	17°23	26°53	4° 6	8°28	9°20	9°20	11°13	11°19	3°16	n.a.	M 5
T 6	14 38 12	10°21'46	7♎19	21° 3	8°32	18° 3	26°55	4° 7	8°29	9°19	9°21	11°13	11°16	3°23	n.a.	T 6
W 7	14 42 9	11°19'00	20°19	22°45	9°44	18°43	26°58	4° 8	8°30	9°18	9°23	11°D13	11°13	3°30	n.a.	W 7
T 8	14 46 6	12°16'14	3♏38	24°29	10°55	19°23	27° 1	4° 9	8°30	9°18	9°24	11°13	11°10	3°36	n.a.	T 8
F 9	14 50 2	13°13'26	17°15	26°17	12° 6	20° 3	27° 3	4°11	8°31	9°17	9°25	11°R13	11° 7	3°43	n.a.	F 9
S 10	14 53 59	14°10'38	1♐ 9	28° 6	13°18	20°43	27° 5	4°12	8°32	9°16	9°27	11°13	11° 3	3°50	n.a.	S 10
S 11	14 57 55	15° 7'50	15°15	29°58	14°29	21°23	27° 7	4°12	8°34	9°16	9°28	11°12	11° 0	3°57	n.a.	S 11
M12	15 1 52	16° 5'01	29°31	1♉53	15°41	22° 3	27° 9	4°13	8°35	9°15	9°30	11°12	10°57	4° 3	n.a.	M12
T 13	15 5 48	17° 2'11	13♑52	3°50	16°53	22°43	27°11	4°14	8°36	9°14	9°31	11°11	10°54	4°10	n.a.	T 13
W14	15 9 45	17°59'22	28°13	5°49	18° 4	23°23	27°12	4°15	8°37	9°13	9°32	11°11	10°51	4°17	n.a.	W14
T 15	15 13 42	18°56'32	12♒32	7°50	19°16	24° 3	27°13	4°15	8°38	9°12	9°34	11°D10	10°48	4°23	n.a.	T 15
F 16	15 17 38	19°53'41	26°44	9°53	20°28	24°43	27°14	4°16	8°40	9°11	9°35	11°10	10°44	4°30	n.a.	F 16
S 17	15 21 35	20°50'51	10♓48	11°58	21°39	25°22	27°15	4°16	8°41	9°10	9°37	11°11	10°41	4°37	n.a.	S 17
S 18	15 25 31	21°48'00	24°42	14° 4	22°51	26° 2	27°16	4°16	8°42	9° 9	9°38	11°12	10°38	4°44	n.a.	S 18
M19	15 29 28	22°45'09	8♈25	16°12	24° 3	26°42	27°16	4°16	8°44	9° 8	9°40	11°13	10°35	4°50	n.a.	M19
T 20	15 33 24	23°42'18	21°55	18°22	25°15	27°22	27°17	4°R16	8°46	9° 7	9°41	11°13	10°32	4°57	n.a.	T 20
W21	15 37 21	24°39'27	5♉12	20°32	26°27	28° 1	27°R17	4°16	8°47	9° 6	9°42	11°R14	10°28	5° 4	n.a.	W21
T 22	15 41 17	25°36'35	18°15	22°42	27°39	28°41	27°17	4°16	8°49	9° 5	9°44	11°14	10°25	5°11	n.a.	T 22
F 23	15 45 14	26°33'44	1♊ 5	24°53	28°51	29°21	27°16	4°16	8°50	9° 4	9°45	11°13	10°22	5°17	n.a.	F 23
S 24	15 49 11	27°30'52	13°41	27° 4	0♉ 3	0♊ 0	27°16	4°15	8°52	9° 3	9°47	11°12	10°19	5°24	n.a.	S 24
S 25	15 53 7	28°28'00	26° 4	29°15	1°15	0°40	27°15	4°15	8°54	9° 2	9°48	11° 9	10°16	5°31	n.a.	S 25
M26	15 57 4	29°25'07	8♋15	1♊26	2°27	1°19	27°14	4°14	8°56	9° 1	9°50	11° 7	10°13	5°37	n.a.	M26
T 27	16 1 0	0♊22'15	20°18	3°36	3°39	1°59	27°13	4°14	8°58	9° 0	9°51	11° 4	10° 9	5°44	n.a.	T 27
W28	16 4 57	1°19'22	2♌13	5°45	4°51	2°38	27°12	4°13	8°59	8°59	9°53	11° 1	10° 6	5°51	n.a.	W28
T 29	16 8 53	2°16'28	14° 6	7°53	6° 3	3°18	27°10	4°12	9° 1	8°57	9°54	10°59	10° 3	5°58	n.a.	T 29
F 30	16 12 50	3°13'34	26° 0	9°59	7°15	3°57	27° 9	4°11	9° 3	8°56	9°56	10°58	10° 0	6° 4	n.a.	F 30
S 31	16 16 46	4♊10'40	7♍59	12♊ 4	8♉27	4♊36	27♑ 7	4♒10	9♌ 5	8♑55	9♊57	10°D58	9♉57	6♌11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	13n33	24n 3	5n15	2n46	2s43	0s36	1s48	16n48	0n22	21s47	0s43	20s33	1s 5	19n 5	0n44	23s 5	0n19	19n18	2s50	15n23	15n29	24n43			n.a.
F 2	13 52	20 35	5 14	3 26	2 37	0 8	1 48	17 0	0 23	21 46	0 43	20 32	1 5	19 5	0 44	23 5	0 19	19 18	2 50	15 23	15 28	24 41			n.a.
S 3	14 11	16 15	5 0	4 8	2 31	0n21	1 48	17 13	0 23	21 46	0 43	20 32	1 5	19 5	0 44	23 5	0 19	19 19	2 50	15 23	15 27	24 40			n.a.
S 4	14 30	11 14	4 32	4 51	2 23	0 49	1 48	17 25	0 24	21 45	0 43	20 32	1 5	19 4	0 43	23 5	0 19	19 19	2 50	15 23	15 26	24 38			n.a.
M 5	14 48	5 40	3 50	5 35	2 16	1 18	1 48	17 37	0 24	21 45	0 44	20 32	1 6	19 4	0 43	23 6	0 19	19 19	2 50	15 23	15 25	24 37			n.a.
T 6	15 7	0s14	2 57	6 20	2 8	1 46	1 48	17 49	0 25	21 45	0 44	20 32	1 6	19 4	0 43	23 6	0 19	19 20	2 50	15 23	15 24	24 35			n.a.
W 7	15 25	6 17	1 53	7 7	1 59	2 15	1 48	18 1	0 25	21 45	0 44	20 32	1 6	19 4	0 43	23 6	0 19	19 20	2 50	15 23	15 23	24 34			n.a.
T 8	15 42	12 14	0 42	7 54	1 50	2 44	1 48	18 12	0 26	21 44	0 44	20 31	1 6	19 3	0 43	23 6	0 19	19 20	2 50	15 23	15 22	24 32			n.a.
F 9	16 0	17 44	0s33	8 42	1 41	3 12	1 47	18 24	0 26	21 44	0 45	20 31	1 6	19 3	0 43	23 6	0 19	19 20	2 50	15 23	15 21	24 31			n.a.
S 10	16 17	22 24	1 48	9 31	1 31	3 41	1 47	18 35	0 27	21 44	0 45	20 31	1 6	19 3	0 43	23 6	0 19	19 21	2 50	15 23	15 20	24 29			n.a.
S 11	16 34	25 51	2 58	10 20	1 21	4 9	1 46	18 46	0 28	21 44	0 45	20 31	1 7	19 2	0 43	23 6	0 19	19 21	2 50	15 23	15 19	24 28			n.a.
M12	16 51	27 41	3 57	11 10	1 11	4 38	1 45	18 57	0 28	21 44	0 45	20 31	1 7	19 2	0 43	23 6	0 19	19 21	2 49	15 22	15 18	24 26			n.a.
T 13	17 8	27 40	4 41	12 0	1 0	5 6	1 45	19 8	0 29	21 44	0 46	20 31	1 7	19 2	0 43	23 6	0 19	19 22	2 49	15 22	15 17	24 24			n.a.
W14	17 24	25 48	5 8	12 51	0 49	5 34	1 44	19 19	0 29	21 44	0 46	20 31	1 7	19 1	0 43	23 6	0 19	19 22	2 49	15 22	15 16	24 23			n.a.
T 15	17 40	22 18	5 16	13 41	0 38	6 3	1 43	19 30	0 30	21 44	0 46	20 31	1 7	19 1	0 43	23 6	0 19	19 22	2 49	15 22	15 15	24 21			n.a.
F 16	17 56	17 31	5 5	14 32	0 27	6 31	1 42	19 40	0 30	21 44	0 47	20 31	1 8	19 1	0 43	23 6	0 19	19 22	2 49	15 22	15 14	24 20			n.a.
S 17	18 11	11 50	4 35	15 21	0 16	6 59	1 41	19 50	0 31	21 44	0 47	20 32	1 8	19 0	0 43	23 6	0 19	19 23	2 49	15 22	15 13	24 18			n.a.
S 18	18 26	5 38	3 50	16 10	0 5	7 27	1 40	20 0	0 31	21 44	0 47	20 32	1 8	19 0	0 43	23 6	0 19	19 23	2 49	15 22	15 12	24 17			n.a.
M19	18 41	0n45	2 52	16 59	0n 6	7 55	1 39	20 10	0 32	21 44	0 47	20 32	1 8	18 59	0 43	23 6	0 19	19 23	2 49	15 23	15 11	24 15			n.a.
T 20	18 56	7 1	1 45	17 46	0 16	8 22	1 38	20 20	0 32	21 44	0 48	20 32	1 8	18 59	0 43	23 6	0 19	19 24	2 49	15 23	15 10	24 13			n.a.
W21	19 10	12 54	0 33	18 32	0 27	8 50	1 37	20 30	0 33	21 45	0 48	20 32	1 9	18 58	0 43	23 7	0 19	19 24	2 49	15 23	15 9	24 12			n.a.
T 22	19 24	18 6	0n39	19 16	0 37	9 17	1 35	20 39	0 33	21 45	0 48	20 32	1 9	18 58	0 43	23 7	0 19	19 24	2 49	15 23	15 8	24 10			n.a.
F 23	19 38	22 23	1 47	19 58	0 46	9 44	1 34	20 48	0 34	21 45	0 48	20 33	1 9	18 58	0 43	23 7	0 19	19 25	2 49	15 23	15 7	24 9			n.a.
S 24	19 51	25 32	2 50	20 39	0 55	10 11	1 32	20 57	0 34	21 46	0 49	20 33	1 9	18 57	0 43	23 7	0 19	19 25	2 49	15 22	15 6	24 7			n.a.
S 25	20 4	27 23	3 43	21 17	1 4	10 38	1 31	21 6	0 35	21 46	0 49	20 33	1 9	18 57	0 43	23 7	0 19	19 25	2 48	15 22	15 5	24 5			n.a.
M26	20 16	27 52	4 24	21 53	1 12	11 4	1 29	21 15	0 35	21 46	0 49	20 34	1 10	18 56	0 43	23 7	0 19	19 25	2 48	15 21	15 4	24 4			n.a.
T 27	20 29	27 1	4 54	22 26	1 19	11 31	1 28	21 24	0 36	21 47	0 50	20 34	1 10	18 55	0 43	23 7	0 19	19 26	2 48	15 20	15 3	24 2			n.a.
W28	20 41	24 57	5 11	22 57	1 26	11 57	1 26	21 32	0 36	21 47	0 50	20 34	1 10	18 55	0 43	23 7	0 19	19 26	2 48	15 19	15 2	24 0			n.a.
T 29	20 52	21 48	5 14	23 25	1 32	12 23	1 24	21 40	0 37	21 48	0 50	20 35	1 10	18 54	0 43	23 7	0 19	19 26	2 48	15 18	15 1	23 59			n.a.
F 30	21 4	17 45	5 4	23 50	1 38	12 48	1 23	21 48	0 37	21 49	0 50	20 35	1 10	18 54	0 43	23 7	0 19	19 27	2 48	15 18	15 0	23 57			n.a.
S 31	21n15	13n 0	4n40	24n13	1n43	13n13	1s21	21n56	0n38	21s49	0s51	20s36	1s11	18n53	0n43	23s 7	0n18	19n27	2s48	15n18	14n59	23n55			n.a.

Julian Day Number = 1610142.5, Delta T = 03h53m47s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'40, Lahiri = - 8°09'40 Julian Calendar 1 May 305 BCE == Greg. Calendar 26 Apr. 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

JUNE 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 20 43	5♊ 7'46	20♍ 9	14♊ 8	9♉40	5♊16	27°R 5	4°R 9	9♘ 8	8°R54	9♊59	10♉59	9♉54	6♘18	n.a.	S 1
M 2	16 24 40	6° 4'51	2♎34	16°10	10°52	5°55	27♑ 2	4♒ 7	9°10	8♑52	10° 0	11° 0	9°50	6°25	n.a.	M 2
T 3	16 28 36	7° 1'57	15°17	18°10	12° 4	6°34	27° 0	4° 6	9°12	8°51	10° 2	11° 2	9°47	6°31	n.a.	T 3
W 4	16 32 33	7°59'02	28°23	20° 8	13°16	7°14	26°57	4° 5	9°14	8°50	10° 4	11° 3	9°44	6°38	n.a.	W 4
T 5	16 36 29	8°56'07	11♏52	22° 4	14°29	7°53	26°55	4° 3	9°16	8°48	10° 5	11°R 3	9°41	6°45	n.a.	T 5
F 6	16 40 26	9°53'12	25°46	23°59	15°41	8°32	26°52	4° 1	9°19	8°47	10° 7	11° 3	9°38	6°51	n.a.	F 6
S 7	16 44 22	10°50'18	10♐ 1	25°52	16°54	9°11	26°49	4° 0	9°21	8°46	10° 8	11° 1	9°34	6°58	n.a.	S 7
S 8	16 48 19	11°47'24	24°33	27°42	18° 6	9°50	26°45	3°58	9°23	8°44	10°10	10°57	9°31	7° 5	n.a.	S 8
M 9	16 52 16	12°44'30	9♑17	29°31	19°19	10°29	26°42	3°56	9°26	8°43	10°11	10°53	9°28	7°12	n.a.	M 9
T 10	16 56 12	13°41'37	24° 3	1♋18	20°31	11° 9	26°38	3°54	9°28	8°42	10°13	10°48	9°25	7°18	n.a.	T 10
W11	17 0 9	14°38'44	8♒46	3° 3	21°44	11°48	26°34	3°52	9°31	8°40	10°14	10°44	9°22	7°25	n.a.	W11
T 12	17 4 5	15°35'52	23°18	4°46	22°56	12°27	26°30	3°50	9°33	8°39	10°16	10°41	9°19	7°32	n.a.	T 12
F 13	17 8 2	16°33'00	7♓36	6°27	24° 9	13° 6	26°26	3°47	9°36	8°37	10°17	10°40	9°15	7°39	n.a.	F 13
S 14	17 11 58	17°30'09	21°36	8° 6	25°22	13°45	26°22	3°45	9°39	8°36	10°19	10°D39	9°12	7°45	n.a.	S 14
S 15	17 15 55	18°27'19	5♈18	9°43	26°34	14°24	26°17	3°43	9°41	8°34	10°20	10°40	9° 9	7°52	n.a.	S 15
M16	17 19 51	19°24'30	18°44	11°18	27°47	15° 3	26°12	3°40	9°44	8°33	10°22	10°42	9° 6	7°59	n.a.	M16
T 17	17 23 48	20°21'42	1♉53	12°51	29° 0	15°42	26° 7	3°38	9°47	8°31	10°23	10°43	9° 3	8° 5	n.a.	T 17
W18	17 27 45	21°18'54	14°48	14°23	0♊13	16°21	26° 2	3°35	9°49	8°30	10°25	10°R43	9° 0	8°12	n.a.	W18
T 19	17 31 41	22°16'07	27°31	15°52	1°26	16°59	25°57	3°32	9°52	8°28	10°26	10°42	8°56	8°19	n.a.	T 19
F 20	17 35 38	23°13'21	10♊ 2	17°19	2°39	17°38	25°52	3°29	9°55	8°27	10°28	10°38	8°53	8°26	n.a.	F 20
S 21	17 39 34	24°10'36	22°24	18°45	3°52	18°17	25°46	3°26	9°58	8°25	10°29	10°33	8°50	8°32	n.a.	S 21
S 22	17 43 31	25° 7'52	4♋36	20° 8	5° 5	18°56	25°41	3°23	10° 1	8°23	10°31	10°26	8°47	8°39	n.a.	S 22
M23	17 47 27	26° 5'08	16°41	21°29	6°18	19°35	25°35	3°20	10° 4	8°22	10°32	10°18	8°44	8°46	n.a.	M23
T 24	17 51 24	27° 2'25	28°39	22°48	7°31	20°14	25°29	3°17	10° 7	8°20	10°34	10° 9	8°40	8°52	n.a.	T 24
W25	17 55 21	27°59'43	10♌32	24° 5	8°44	20°52	25°23	3°14	10°10	8°19	10°35	10° 1	8°37	8°59	n.a.	W25
T 26	17 59 17	28°57'01	22°23	25°20	9°57	21°31	25°17	3°11	10°13	8°17	10°37	9°54	8°34	9° 6	n.a.	T 26
F 27	18 3 14	29°54'20	4♍16	26°32	11°10	22°10	25°11	3° 7	10°16	8°15	10°38	9°49	8°31	9°13	n.a.	F 27
S 28	18 7 10	0♋51'40	16°13	27°42	12°23	22°48	25° 4	3° 4	10°19	8°14	10°39	9°45	8°28	9°19	n.a.	S 28
S 29	18 11 7	1°49'00	28°20	28°50	13°36	23°27	24°58	3° 0	10°22	8°12	10°41	9°D44	8°25	9°26	n.a.	S 29
M30	18 15 3	2♋46'21	10♎41	29♋55	14♊50	24♊ 6	24♑51	2♒57	10♘25	8♑11	10♊42	9♉44	8♉21	9♘33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n25	7n40	4n 4	24n33	1n47	13n38	1s19	22n 4	0n38	21s50	0s51	20s36	1s11	18n53	0n43	23s 7	0n18	19n27	2s48	15n18	14n58	23n54			n.a.
M 2	21 35	1 57	3 16	24 50	1 50	14 3	1 17	22 11	0 39	21 51	0 51	20 37	1 11	18 52	0 43	23 8	0 18	19 27	2 48	15 19	14 57	23 52			n.a.
T 3	21 45	4s 0	2 17	25 4	1 53	14 27	1 15	22 19	0 39	21 51	0 51	20 37	1 11	18 51	0 42	23 8	0 18	19 28	2 48	15 19	14 56	23 50			n.a.
W 4	21 55	9 57	1 9	25 16	1 55	14 51	1 13	22 26	0 39	21 52	0 52	20 38	1 11	18 51	0 42	23 8	0 18	19 28	2 48	15 20	14 55	23 48			n.a.
T 5	22 4	15 39	0s 4	25 25	1 56	15 15	1 11	22 33	0 40	21 53	0 52	20 38	1 11	18 50	0 42	23 8	0 18	19 28	2 48	15 20	14 53	23 47			n.a.
F 6	22 12	20 43	1 20	25 32	1 57	15 38	1 9	22 40	0 40	21 54	0 52	20 39	1 12	18 50	0 42	23 8	0 18	19 28	2 48	15 20	14 52	23 45			n.a.
S 7	22 21	24 44	2 32	25 37	1 57	16 1	1 7	22 46	0 41	21 55	0 53	20 39	1 12	18 49	0 42	23 8	0 18	19 29	2 48	15 19	14 51	23 43			n.a.
S 8	22 29	27 12	3 35	25 39	1 56	16 24	1 5	22 53	0 41	21 56	0 53	20 40	1 12	18 48	0 42	23 8	0 18	19 29	2 48	15 18	14 50	23 42			n.a.
M 9	22 36	27 49	4 25	25 39	1 55	16 46	1 3	22 59	0 42	21 57	0 53	20 41	1 12	18 47	0 42	23 8	0 18	19 29	2 48	15 16	14 49	23 40			n.a.
T 10	22 43	26 27	4 58	25 36	1 53	17 8	1 0	23 5	0 42	21 58	0 53	20 41	1 12	18 47	0 42	23 8	0 18	19 30	2 47	15 15	14 48	23 38			n.a.
W11	22 50	23 17	5 11	25 32	1 50	17 29	0 58	23 11	0 43	21 59	0 54	20 42	1 13	18 46	0 42	23 8	0 18	19 30	2 47	15 14	14 47	23 36			n.a.
T 12	22 57	18 41	5 4	25 26	1 47	17 50	0 56	23 17	0 43	22 0	0 54	20 43	1 13	18 45	0 42	23 9	0 18	19 30	2 47	15 13	14 46	23 35			n.a.
F 13	23 3	13 6	4 38	25 18	1 43	18 11	0 53	23 22	0 44	22 1	0 54	20 43	1 13	18 45	0 42	23 9	0 18	19 30	2 47	15 12	14 45	23 33			n.a.
S 14	23 8	6 58	3 55	25 8	1 39	18 31	0 51	23 28	0 44	22 2	0 54	20 44	1 13	18 44	0 42	23 9	0 18	19 31	2 47	15 12	14 44	23 31			n.a.
S 15	23 14	0 37	3 0	24 57	1 34	18 50	0 49	23 33	0 44	22 3	0 55	20 45	1 13	18 43	0 42	23 9	0 18	19 31	2 47	15 12	14 43	23 29			n.a.
M16	23 18	5n38	1 57	24 44	1 29	19 10	0 46	23 38	0 45	22 4	0 55	20 46	1 14	18 42	0 42	23 9	0 18	19 31	2 47	15 13	14 42	23 27			n.a.
T 17	23 23	11 32	0 48	24 29	1 24	19 28	0 44	23 42	0 45	22 5	0 55	20 46	1 14	18 42	0 42	23 9	0 18	19 31	2 47	15 13	14 41	23 26			n.a.
W18	23 27	16 50	0n22	24 14	1 17	19 46	0 41	23 47	0 46	22 6	0 55	20 47	1 14	18 41	0 42	23 9	0 18	19 32	2 47	15 13	14 40	23 24			n.a.
T 19	23 30	21 18	1 30	23 57	1 11	20 4	0 39	23 51	0 46	22 8	0 56	20 48	1 14	18 40	0 42	23 9	0 18	19 32	2 47	15 13	14 39	23 22			n.a.
F 20	23 33	24 44	2 32	23 39	1 4	20 21	0 36	23 56	0 47	22 9	0 56	20 49	1 14	18 39	0 42	23 9	0 18	19 32	2 47	15 12	14 38	23 20			n.a.
S 21	23 36	26 56	3 26	23 20	0 56	20 38	0 34	24 0	0 47	22 10	0 56	20 50	1 14	18 38	0 42	23 9	0 18	19 32	2 47	15 10	14 37	23 18			n.a.
S 22	23 39	27 49	4 10	23 0	0 48	20 54	0 31	24 3	0 48	22 12	0 56	20 51	1 15	18 38	0 42	23 10	0 18	19 33	2 47	15 8	14 36	23 17			n.a.
M23	23 41	27 20	4 41	22 39	0 40	21 9	0 29	24 7	0 48	22 13	0 57	20 52	1 15	18 37	0 42	23 10	0 18	19 33	2 47	15 5	14 35	23 15			n.a.
T 24	23 42	25 35	5 1	22 18	0 31	21 24	0 26	24 10	0 48	22 14	0 57	20 52	1 15	18 36	0 42	23 10	0 18	19 33	2 47	15 3	14 34	23 13			n.a.
W25	23 43	22 43	5 7	21 56	0 22	21 38	0 24	24 14	0 49	22 16	0 57	20 53	1 15	18 35	0 42	23 10	0 18	19 33	2 47	15 0	14 33	23 11			n.a.
T 26	23 44	18 56	5 0	21 33	0 13	21 52	0 21	24 17	0 49	22 17	0 57	20 54	1 15	18 34	0 42	23 10	0 18	19 34	2 47	14 58	14 32	23 9			n.a.
F 27	23 44	14 24	4 40	21 10	0 3	22 5	0 19	24 20	0 50	22 18	0 58	20 55	1 15	18 33	0 42	23 10	0 18	19 34	2 47	14 56	14 31	23 7			n.a.
S 28	23 44	9 17	4 7	20 46	0s 7	22 17	0 16	24 22	0 50	22 20	0 58	20 56	1 16	18 33	0 42	23 10	0 18	19 34	2 47	14 55	14 30	23 5			n.a.
S 29	23 43	3 46	3 23	20 22	0 17	22 29	0 14	24 25	0 51	22 21	0 58	20 57	1 16	18 32	0 42	23 10	0 18	19 34	2 47	14 55	14 29	23 4			n.a.
M30	23n42	2s 0	2n29	19n58	0s27	22n40	0s11	24n27	0n51	22s23	0s58	20s58	1s16	18n31	0n42	23s11	0n18	19n35	2s47	14n55	14n28	23n 2			n.a.

Julian Day Number = 1610173.5, Delta T = 03h53m46s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'36, Lahiri = - 8°09'35 Julian Calendar 1 June 305 BCE == Greg. Calendar 27 May 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

JULY 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 19 0	3♋43'42	23♎22	0♌57	16♊ 3	24♊44	24°R44	2°R53	10♌28	8°R 9	10♊44	9♉45	8♉18	9♌40	n.a.	T 1
W 2	18 22 56	4°41'05	6♏26	1°57	17°16	25°23	24♑37	2♒49	10°32	8♑ 7	10°45	9°R46	8°15	9°46	n.a.	W 2
T 3	18 26 53	5°38'28	19°56	2°54	18°30	26° 2	24°30	2°46	10°35	8° 6	10°47	9°46	8°12	9°53	n.a.	T 3
F 4	18 30 50	6°35'52	3♐55	3°48	19°43	26°40	24°23	2°42	10°38	8° 4	10°48	9°43	8° 9	10° 0	n.a.	F 4
S 5	18 34 46	7°33'17	18°21	4°38	20°56	27°19	24°16	2°38	10°41	8° 2	10°49	9°39	8° 5	10° 6	n.a.	S 5
S 6	18 38 43	8°30'44	3♑10	5°26	22°10	27°57	24° 9	2°34	10°45	8° 1	10°51	9°32	8° 2	10°13	n.a.	S 6
M 7	18 42 39	9°28'11	18°14	6°10	23°23	28°36	24° 2	2°30	10°48	7°59	10°52	9°24	7°59	10°20	n.a.	M 7
T 8	18 46 36	10°25'40	3♒24	6°50	24°37	29°14	23°54	2°26	10°51	7°58	10°53	9°15	7°56	10°27	n.a.	T 8
W 9	18 50 32	11°23'10	18°28	7°27	25°50	29°53	23°47	2°22	10°55	7°56	10°55	9° 6	7°53	10°33	n.a.	W 9
T 10	18 54 29	12°20'41	3♓19	7°59	27° 4	0♋31	23°39	2°18	10°58	7°54	10°56	9° 0	7°50	10°40	n.a.	T 10
F 11	18 58 25	13°18'14	17°49	8°28	28°18	1° 9	23°32	2°14	11° 2	7°53	10°57	8°55	7°46	10°47	n.a.	F 11
S 12	19 2 22	14°15'49	1♈55	8°52	29°31	1°48	23°24	2°10	11° 5	7°51	10°59	8°52	7°43	10°54	n.a.	S 12
S 13	19 6 19	15°13'25	15°36	9°11	0♋45	2°26	23°16	2° 5	11° 9	7°50	11° 0	8°D52	7°40	11° 0	n.a.	S 13
M14	19 10 15	16°11'02	28°55	9°26	1°59	3° 5	23° 9	2° 1	11°12	7°48	11° 1	8°52	7°37	11° 7	n.a.	M14
T 15	19 14 12	17° 8'42	11♉53	9°35	3°13	3°43	23° 1	1°57	11°16	7°46	11° 3	8°R52	7°34	11°14	n.a.	T 15
W16	19 18 8	18° 6'23	24°34	9°R39	4°26	4°21	22°53	1°53	11°19	7°45	11° 4	8°51	7°31	11°20	n.a.	W16
T 17	19 22 5	19° 4'06	7♊ 2	9°38	5°40	5° 0	22°45	1°48	11°23	7°43	11° 5	8°48	7°27	11°27	n.a.	T 17
F 18	19 26 1	20° 1'51	19°19	9°31	6°54	5°38	22°37	1°44	11°26	7°42	11° 6	8°42	7°24	11°34	n.a.	F 18
S 19	19 29 58	20°59'37	1♋28	9°19	8° 8	6°16	22°29	1°39	11°30	7°40	11° 8	8°33	7°21	11°41	n.a.	S 19
S 20	19 33 54	21°57'25	13°30	9° 0	9°22	6°55	22°22	1°35	11°33	7°38	11° 9	8°22	7°18	11°47	n.a.	S 20
M21	19 37 51	22°55'14	25°28	8°36	10°36	7°33	22°14	1°30	11°37	7°37	11°10	8° 9	7°15	11°54	n.a.	M21
T 22	19 41 48	23°53'05	7♌22	8° 7	11°50	8°11	22° 6	1°26	11°41	7°35	11°11	7°56	7°12	12° 1	n.a.	T 22
W23	19 45 44	24°50'58	19°13	7°32	13° 4	8°49	21°58	1°21	11°44	7°34	11°12	7°43	7° 8	12° 8	n.a.	W23
T 24	19 49 41	25°48'52	1♍ 4	6°52	14°18	9°28	21°50	1°17	11°48	7°32	11°13	7°31	7° 5	12°14	n.a.	T 24
F 25	19 53 37	26°46'47	12°57	6° 7	15°32	10° 6	21°42	1°12	11°52	7°31	11°15	7°22	7° 2	12°21	n.a.	F 25
S 26	19 57 34	27°44'44	24°55	5°18	16°46	10°44	21°34	1° 8	11°55	7°29	11°16	7°15	6°59	12°28	n.a.	S 26
S 27	20 1 30	28°42'42	7♎ 1	4°26	18° 1	11°22	21°27	1° 3	11°59	7°28	11°17	7°12	6°56	12°34	n.a.	S 27
M28	20 5 27	29°40'42	19°19	3°32	19°15	12° 0	21°19	0°59	12° 3	7°26	11°18	7°10	6°52	12°41	n.a.	M28
T 29	20 9 23	0♌38'44	1♏56	2°36	20°29	12°38	21°11	0°54	12° 6	7°25	11°19	7°10	6°49	12°48	n.a.	T 29
W30	20 13 20	1°36'46	14°54	1°40	21°43	13°16	21° 4	0°49	12°10	7°23	11°20	7°10	6°46	12°55	n.a.	W30
T 31	20 17 17	2♌34'51	28♏19	0♌45	22♋58	13♋55	20♑56	0♒45	12♌14	7♑22	11♊21	7♉ 9	6♉43	13♌ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n41	7s50	1n27	19n34	0s38	22n51	0s 9	24n29	0n51	22s24	0s58	20s59	1s16	18n30	0n42	23s11	0n18	19n35	2s47	14n55	14n27	23n 0			n.a.
W 2	23 39	13 33	0 18	19 10	0 49	23 1	0 6	24 31	0 52	22 25	0 59	21 0	1 16	18 29	0 42	23 11	0 18	19 35	2 47	14 55	14 26	22 58			n.a.
T 3	23 37	18 49	0s54	18 46	1 1	23 10	0 3	24 33	0 52	22 27	0 59	21 1	1 16	18 28	0 42	23 11	0 18	19 35	2 47	14 55	14 25	22 56			n.a.
F 4	23 34	23 15	2 5	18 22	1 12	23 19	0 1	24 34	0 53	22 28	0 59	21 2	1 16	18 27	0 42	23 11	0 18	19 36	2 47	14 54	14 24	22 54			n.a.
S 5	23 31	26 23	3 11	17 59	1 24	23 27	0n 2	24 35	0 53	22 30	0 59	21 3	1 17	18 26	0 42	23 11	0 18	19 36	2 46	14 53	14 23	22 52			n.a.
S 6	23 27	27 47	4 5	17 36	1 36	23 34	0 4	24 36	0 53	22 31	0 59	21 4	1 17	18 25	0 42	23 11	0 18	19 36	2 46	14 51	14 22	22 50			n.a.
M 7	23 23	27 9	4 43	17 13	1 48	23 41	0 7	24 37	0 54	22 33	1 0	21 5	1 17	18 24	0 42	23 11	0 18	19 36	2 46	14 48	14 21	22 48			n.a.
T 8	23 19	24 31	5 2	16 52	2 0	23 46	0 9	24 38	0 54	22 34	1 0	21 6	1 17	18 23	0 42	23 11	0 18	19 36	2 46	14 45	14 20	22 46			n.a.
W 9	23 14	20 13	5 0	16 31	2 12	23 52	0 12	24 39	0 55	22 36	1 0	21 8	1 17	18 23	0 42	23 12	0 18	19 37	2 46	14 42	14 18	22 45			n.a.
T 10	23 9	14 42	4 37	16 11	2 24	23 56	0 14	24 39	0 55	22 37	1 0	21 9	1 17	18 22	0 42	23 12	0 18	19 37	2 46	14 40	14 17	22 43			n.a.
F 11	23 4	8 30	3 57	15 52	2 36	24 0	0 16	24 39	0 55	22 39	1 0	21 10	1 17	18 21	0 42	23 12	0 18	19 37	2 46	14 39	14 16	22 41			n.a.
S 12	22 58	2 1	3 3	15 34	2 48	24 3	0 19	24 39	0 56	22 40	1 1	21 11	1 18	18 20	0 42	23 12	0 18	19 37	2 46	14 38	14 15	22 39			n.a.
S 13	22 51	4n22	2 0	15 17	3 0	24 5	0 21	24 39	0 56	22 42	1 1	21 12	1 18	18 19	0 42	23 12	0 18	19 37	2 46	14 38	14 14	22 37			n.a.
M14	22 44	10 24	0 53	15 2	3 11	24 7	0 24	24 38	0 57	22 43	1 1	21 13	1 18	18 18	0 42	23 12	0 18	19 38	2 46	14 38	14 13	22 35			n.a.
T 15	22 37	15 50	0n16	14 49	3 23	24 8	0 26	24 38	0 57	22 45	1 1	21 14	1 18	18 17	0 42	23 12	0 18	19 38	2 46	14 38	14 12	22 33			n.a.
W16	22 30	20 28	1 22	14 37	3 33	24 8	0 28	24 37	0 57	22 46	1 1	21 15	1 18	18 16	0 42	23 12	0 18	19 38	2 46	14 38	14 11	22 31			n.a.
T 17	22 22	24 6	2 23	14 28	3 44	24 7	0 31	24 36	0 58	22 48	1 1	21 16	1 18	18 15	0 42	23 12	0 18	19 38	2 46	14 36	14 10	22 29			n.a.
F 18	22 13	26 34	3 17	14 20	3 53	24 6	0 33	24 35	0 58	22 49	1 2	21 17	1 18	18 14	0 42	23 13	0 18	19 38	2 46	14 35	14 9	22 27			n.a.
S 19	22 4	27 44	4 0	14 15	4 2	24 4	0 35	24 33	0 58	22 51	1 2	21 19	1 18	18 13	0 42	23 13	0 18	19 39	2 46	14 32	14 8	22 25			n.a.
S 20	21 55	27 34	4 33	14 12	4 10	24 1	0 37	24 32	0 59	22 52	1 2	21 20	1 19	18 12	0 42	23 13	0 18	19 39	2 46	14 28	14 7	22 23			n.a.
M21	21 46	26 6	4 53	14 12	4 17	23 58	0 39	24 30	0 59	22 54	1 2	21 21	1 19	18 11	0 42	23 13	0 18	19 39	2 46	14 24	14 6	22 21			n.a.
T 22	21 36	23 29	5 0	14 14	4 23	23 53	0 42	24 28	1 0	22 55	1 2	21 22	1 19	18 10	0 42	23 13	0 18	19 39	2 46	14 19	14 5	22 19			n.a.
W23	21 25	19 53	4 54	14 18	4 28	23 48	0 44	24 26	1 0	22 56	1 2	21 23	1 19	18 9	0 42	23 13	0 18	19 39	2 46	14 15	14 4	22 17			n.a.
T 24	21 15	15 31	4 36	14 25	4 31	23 43	0 46	24 24	1 0	22 58	1 2	21 24	1 19	18 7	0 42	23 13	0 18	19 40	2 46	14 11	14 3	22 15			n.a.
F 25	21 4	10 32	4 5	14 35	4 32	23 36	0 48	24 21	1 1	22 59	1 2	21 25	1 19	18 6	0 42	23 13	0 18	19 40	2 46	14 8	14 2	22 13			n.a.
S 26	20 52	5 9	3 23	14 47	4 32	23 29	0 50	24 19	1 1	23 1	1 3	21 26	1 19	18 5	0 42	23 13	0 18	19 40	2 46	14 6	14 1	22 11			n.a.
S 27	20 40	0s30	2 32	15 2	4 29	23 21	0 52	24 16	1 1	23 2	1 3	21 27	1 19	18 4	0 42	23 13	0 18	19 40	2 46	14 5	14 0	22 9			n.a.
M28	20 28	6 13	1 33	15 18	4 25	23 13	0 53	24 13	1 2	23 3	1 3	21 29	1 19	18 3	0 41	23 14	0 18	19 40	2 46	14 4	13 59	22 7			n.a.
T 29	20 16	11 51	0 28	15 37	4 19	23 4	0 55	24 9	1 2	23 5	1 3	21 30	1 19	18 2	0 41	23 14	0 18	19 40	2 46	14 4	13 58	22 4			n.a.
W30	20 3	17 9	0s41	15 57	4 11	22 54	0 57	24 6	1 3	23 6	1 3	21 31	1 19	18 1	0 41	23 14	0 18	19 40	2 46	14 4	13 56	22 2			n.a.
T 31	19n50	21s48	1s49	16n19	4s 1	22n43	0n59	24n 2	1n 3	23s 7	1s 3	21s32	1s20	18n 0	0n41	23s14	0n18	19n41	2s46	14n 4	13n55	22n 0			n.a.

Julian Day Number = 1610203.5, Delta T = 03h53m45s
Ecliptic obliquity = 23°44'02, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'32, Lahiri = - 8°09'31 Julian Calendar 1 July 305 BCE == Greg. Calendar 26 June 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

AUGUST 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 21 13	3♌32'57	12♐13	29°R52	24♋12	14♋33	20°R48	0°R40	12♌18	7°R20	11♊22	7°R 5	6♉40	13♌ 8	n.a.	F 1
S 2	20 25 10	4°31'04	26°37	29♋ 2	25°26	15°11	20♏41	0♒36	12°21	7♏19	11°23	7♉ 0	6°37	13°15	n.a.	S 2
S 3	20 29 6	5°29'13	11♏27	28°17	26°41	15°49	20°34	0°31	12°25	7°18	11°24	6°52	6°33	13°22	n.a.	S 3
M 4	20 33 3	6°27'24	26°37	27°37	27°55	16°27	20°26	0°27	12°29	7°16	11°25	6°41	6°30	13°28	n.a.	M 4
T 5	20 36 59	7°25'37	11♒58	27° 4	29°10	17° 5	20°19	0°22	12°33	7°15	11°26	6°30	6°27	13°35	n.a.	T 5
W 6	20 40 56	8°23'51	27°16	26°38	0♌24	17°43	20°12	0°18	12°36	7°14	11°27	6°20	6°24	13°42	n.a.	W 6
T 7	20 44 52	9°22'08	12♓22	26°20	1°39	18°21	20° 5	0°13	12°40	7°12	11°28	6°11	6°21	13°48	n.a.	T 7
F 8	20 48 49	10°20'26	27° 6	26°11	2°53	18°59	19°58	0° 9	12°44	7°11	11°29	6° 5	6°17	13°55	n.a.	F 8
S 9	20 52 46	11°18'47	11♈23	26°D11	4° 8	19°37	19°51	0° 4	12°48	7°10	11°30	6° 1	6°14	14° 2	n.a.	S 9
S 10	20 56 42	12°17'10	25°11	26°19	5°22	20°15	19°45	29♏59	12°51	7° 8	11°30	5°59	6°11	14° 9	n.a.	S 10
M11	21 0 39	13°15'35	8♉32	26°37	6°37	20°53	19°38	29°56	12°55	7° 7	11°31	5°59	6° 8	14°15	n.a.	M11
T 12	21 4 35	14°14'02	21°28	27° 4	7°51	21°31	19°31	29°51	12°59	7° 6	11°32	5°59	6° 5	14°22	n.a.	T 12
W13	21 8 32	15°12'32	4♊ 5	27°39	9° 6	22° 9	19°25	29°47	13° 3	7° 5	11°33	5°58	6° 2	14°29	n.a.	W13
T 14	21 12 28	16°11'04	16°25	28°23	10°21	22°47	19°19	29°43	13° 7	7° 3	11°34	5°55	5°58	14°35	n.a.	T 14
F 15	21 16 25	17° 9'38	28°34	29°15	11°36	23°25	19°13	29°38	13°10	7° 2	11°34	5°49	5°55	14°42	n.a.	F 15
S 16	21 20 21	18° 8'15	10♋35	0♌15	12°50	24° 2	19° 7	29°34	13°14	7° 1	11°35	5°40	5°52	14°49	n.a.	S 16
S 17	21 24 18	19° 6'54	22°31	1°22	14° 5	24°40	19° 1	29°30	13°18	7° 0	11°36	5°29	5°49	14°56	n.a.	S 17
M18	21 28 15	20° 5'34	4♌24	2°35	15°20	25°18	18°55	29°26	13°22	6°59	11°37	5°16	5°46	15° 2	n.a.	M18
T 19	21 32 11	21° 4'17	16°16	3°54	16°35	25°56	18°50	29°22	13°25	6°58	11°37	5° 2	5°43	15° 9	n.a.	T 19
W20	21 36 8	22° 3'03	28° 8	5°19	17°50	26°34	18°44	29°18	13°29	6°57	11°38	4°48	5°39	15°16	n.a.	W20
T 21	21 40 4	23° 1'50	10♍ 2	6°48	19° 4	27°12	18°39	29°14	13°33	6°56	11°39	4°36	5°36	15°23	n.a.	T 21
F 22	21 44 1	24° 0'39	21°59	8°21	20°19	27°50	18°34	29°10	13°37	6°55	11°39	4°27	5°33	15°29	n.a.	F 22
S 23	21 47 57	24°59'30	4♎ 2	9°58	21°34	28°27	18°29	29° 6	13°40	6°54	11°40	4°20	5°30	15°36	n.a.	S 23
S 24	21 51 54	25°58'23	16°13	11°37	22°49	29° 5	18°24	29° 2	13°44	6°53	11°40	4°16	5°27	15°43	n.a.	S 24
M25	21 55 50	26°57'17	28°35	13°19	24° 4	29°43	18°20	28°58	13°48	6°52	11°41	4°D15	5°23	15°49	n.a.	M25
T 26	21 59 47	27°56'14	11♏11	15° 3	25°19	0♌21	18°15	28°54	13°51	6°51	11°41	4°15	5°20	15°56	n.a.	T 26
W27	22 3 43	28°55'13	24° 7	16°49	26°34	0°58	18°11	28°51	13°55	6°50	11°42	4°R15	5°17	16° 3	n.a.	W27
T 28	22 7 40	29°54'14	7♐26	18°35	27°49	1°36	18° 7	28°47	13°59	6°50	11°42	4°15	5°14	16°10	n.a.	T 28
F 29	22 11 37	0♍53'16	21°10	20°23	29° 4	2°14	18° 3	28°44	14° 2	6°49	11°43	4°13	5°11	16°16	n.a.	F 29
S 30	22 15 33	1°52'20	5♏22	22°11	0♍19	2°52	17°59	28°40	14° 6	6°48	11°43	4° 9	5° 8	16°23	n.a.	S 30
S 31	22 19 30	2♍51'27	20♏ 1	23♌59	1♍34	3♌29	17♏56	28♏37	14♌10	6♏47	11♊44	4♉ 3	5♉ 4	16♌30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n36	25s24	2s54	16n42	3s49	22n32	1n 0	23n59	1n 3	23s 8	1s 3	21s33	1s20	17n59	0n41	23s14	0n18	19n41	2s46	14n 3	13n54	21n58		n.a.
S 2	19 22	27 31	3 49	17 5	3 36	22 20	1 2	23 55	1 4	23 10	1 3	21 34	1 20	17 58	0 41	23 14	0 18	19 41	2 46	14 1	13 53	21 56		n.a.
S 3	19 8	27 44	4 31	17 29	3 21	22 7	1 4	23 51	1 4	23 11	1 3	21 35	1 20	17 57	0 41	23 14	0 18	19 41	2 46	13 58	13 52	21 54		n.a.
M 4	18 53	25 55	4 55	17 52	3 5	21 54	1 5	23 46	1 4	23 12	1 3	21 36	1 20	17 56	0 41	23 14	0 18	19 41	2 46	13 55	13 51	21 52		n.a.
T 5	18 38	22 11	4 59	18 16	2 48	21 40	1 7	23 42	1 5	23 13	1 3	21 37	1 20	17 55	0 41	23 14	0 18	19 41	2 46	13 51	13 50	21 50		n.a.
W 6	18 23	16 57	4 40	18 38	2 30	21 25	1 8	23 37	1 5	23 14	1 3	21 38	1 20	17 54	0 41	23 14	0 18	19 41	2 46	13 48	13 49	21 48		n.a.
T 7	18 8	10 44	4 3	18 59	2 12	21 10	1 10	23 32	1 5	23 15	1 3	21 39	1 20	17 53	0 41	23 15	0 18	19 42	2 46	13 45	13 48	21 46		n.a.
F 8	17 52	4 4	3 10	19 19	1 53	20 54	1 11	23 27	1 6	23 17	1 4	21 40	1 20	17 52	0 41	23 15	0 18	19 42	2 46	13 43	13 47	21 44		n.a.
S 9	17 36	2n38	2 6	19 38	1 34	20 38	1 12	23 22	1 6	23 18	1 4	21 41	1 20	17 50	0 41	23 15	0 18	19 42	2 46	13 41	13 46	21 41		n.a.
S 10	17 19	8 59	0 57	19 54	1 16	20 21	1 13	23 17	1 6	23 19	1 4	21 42	1 20	17 49	0 42	23 15	0 18	19 42	2 46	13 41	13 45	21 39		n.a.
M11	17 3	14 44	0n13	20 9	0 58	20 3	1 14	23 11	1 7	23 20	1 4	21 43	1 20	17 48	0 42	23 15	0 18	19 42	2 46	13 41	13 44	21 37		n.a.
T 12	16 46	19 39	1 21	20 21	0 40	19 45	1 16	23 6	1 7	23 21	1 4	21 44	1 20	17 47	0 42	23 15	0 18	19 42	2 46	13 41	13 43	21 35		n.a.
W13	16 28	23 33	2 23	20 30	0 23	19 26	1 17	23 0	1 7	23 22	1 4	21 45	1 20	17 46	0 42	23 15	0 18	19 42	2 46	13 40	13 42	21 33		n.a.
T 14	16 11	26 17	3 16	20 37	0 7	19 6	1 18	22 54	1 8	23 22	1 4	21 46	1 20	17 45	0 42	23 15	0 18	19 42	2 46	13 39	13 41	21 31		n.a.
F 15	15 53	27 44	4 0	20 42	0n 8	18 46	1 19	22 48	1 8	23 23	1 4	21 47	1 20	17 44	0 42	23 15	0 17	19 42	2 46	13 37	13 39	21 28		n.a.
S 16	15 35	27 50	4 32	20 43	0 22	18 26	1 19	22 41	1 8	23 24	1 4	21 48	1 20	17 43	0 42	23 15	0 17	19 43	2 46	13 34	13 38	21 26		n.a.
S 17	15 16	26 38	4 53	20 41	0 36	18 5	1 20	22 35	1 9	23 25	1 4	21 49	1 20	17 42	0 42	23 15	0 17	19 43	2 46	13 31	13 37	21 24		n.a.
M18	14 58	24 15	5 0	20 36	0 48	17 43	1 21	22 28	1 9	23 26	1 4	21 50	1 21	17 41	0 42	23 15	0 17	19 43	2 46	13 26	13 36	21 22		n.a.
T 19	14 39	20 50	4 55	20 28	0 59	17 21	1 22	22 21	1 9	23 27	1 4	21 51	1 21	17 40	0 42	23 16	0 17	19 43	2 46	13 21	13 35	21 20		n.a.
W20	14 20	16 35	4 36	20 17	1 9	16 59	1 22	22 14	1 10	23 27	1 4	21 52	1 21	17 39	0 42	23 16	0 17	19 43	2 46	13 17	13 34	21 18		n.a.
T 21	14 0	11 41	4 6	20 3	1 18	16 36	1 23	22 7	1 10	23 28	1 4	21 53	1 21	17 37	0 42	23 16	0 17	19 43	2 46	13 13	13 33	21 15		n.a.
F 22	13 41	6 20	3 24	19 47	1 26	16 12	1 23	22 0	1 10	23 29	1 4	21 53	1 21	17 36	0 42	23 16	0 17	19 43	2 46	13 10	13 32	21 13		n.a.
S 23	13 21	0 43	2 33	19 27	1 32	15 48	1 24	21 53	1 11	23 30	1 4	21 54	1 21	17 35	0 42	23 16	0 17	19 43	2 46	13 7	13 31	21 11		n.a.
S 24	13 1	5s 0	1 34	19 4	1 38	15 24	1 24	21 45	1 11	23 30	1 4	21 55	1 21	17 34	0 42	23 16	0 17	19 43	2 46	13 6	13 30	21 9		n.a.
M25	12 41	10 38	0 30	18 40	1 42	14 59	1 24	21 37	1 11	23 31	1 4	21 56	1 21	17 33	0 42	23 16	0 17	19 43	2 46	13 5	13 29	21 7		n.a.
T 26	12 20	15 57	0s37	18 12	1 46	14 34	1 24	21 29	1 12	23 31	1 4	21 57	1 21	17 32	0 42	23 16	0 17	19 43	2 46	13 5	13 28	21 4		n.a.
W27	12 0	20 42	1 44	17 43	1 49	14 8	1 25	21 21	1 12	23 32	1 4	21 57	1 21	17 31	0 42	23 16	0 17	19 43	2 46	13 6	13 27	21 2		n.a.
T 28	11 39	24 34	2 47	17 12	1 51	13 42	1 25	21 13	1 12	23 32	1 4	21 58	1 21	17 30	0 42	23 16	0 17	19 43	2 46	13 6	13 26	21 0		n.a.
F 29	11 18	27 8	3 43	16 38	1 52	13 16	1 25	21 5	1 12	23 33	1 4	21 59	1 21	17 29	0 42	23 16	0 17	19 43	2 46	13 5	13 25	20 58		n.a.
S 30	10 56	28 4	4 27	16 3	1 52	12 49	1 25	20 56	1 13	23 33	1 3	22 0	1 21	17 28	0 42	23 16	0 17	19 44	2 46	13 4	13 23	20 55		n.a.
S 31	10n35	27s 5	4s55	15n27	1n52	12n22	1n25	20n48	1n13	23s34	1s 3	22s 0	1s21	17n27	0n42	23s16	0n17	19n44	2s46	13n 1	13n22	20n53		n.a.

Julian Day Number = 1610234.5, Delta T = 03h53m44s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'28, Lahiri = - 8°09'27 Julian Calendar 1 Aug. 305 BCE == Greg. Calendar 27 July 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

SEPTEMBER 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 23 26	3♍50'35	5♒ 0	25♌48	2♍49	4♌ 7	17°R52	28°R34	14♌13	6°R47	11♊44	3°R55	5♉ 1	16♌36	n.a.	M 1
T 2	22 27 23	4°49'45	20°14	27°36	4° 4	4°45	17♏49	28♏30	14°17	6♏46	11°44	3♉46	4°58	16°43	n.a.	T 2
W 3	22 31 19	5°48'57	5♓30	29°24	5°19	5°22	17°46	28°27	14°21	6°45	11°45	3°37	4°55	16°50	n.a.	W 3
T 4	22 35 16	6°48'11	20°38	1♍12	6°34	6° 0	17°43	28°24	14°24	6°45	11°45	3°30	4°52	16°57	n.a.	T 4
F 5	22 39 12	7°47'27	5♈28	2°59	7°50	6°38	17°41	28°21	14°28	6°44	11°45	3°25	4°49	17° 3	n.a.	F 5
S 6	22 43 9	8°46'46	19°54	4°46	9° 5	7°15	17°38	28°18	14°31	6°43	11°45	3°22	4°45	17°10	n.a.	S 6
S 7	22 47 6	9°46'07	3♉51	6°32	10°20	7°53	17°36	28°15	14°35	6°43	11°46	3°D21	4°42	17°17	n.a.	S 7
M 8	22 51 2	10°45'30	17°19	8°18	11°35	8°31	17°34	28°13	14°38	6°42	11°46	3°21	4°39	17°24	n.a.	M 8
T 9	22 54 59	11°44'56	0♊21	10° 3	12°50	9° 8	17°32	28°10	14°42	6°42	11°46	3°22	4°36	17°30	n.a.	T 9
W10	22 58 55	12°44'25	13° 1	11°47	14° 5	9°46	17°31	28° 7	14°45	6°41	11°46	3°R23	4°33	17°37	n.a.	W10
T 11	23 2 52	13°43'56	25°21	13°31	15°20	10°23	17°29	28° 5	14°49	6°41	11°46	3°22	4°29	17°44	n.a.	T 11
F 12	23 6 48	14°43'29	7♋28	15°14	16°36	11° 1	17°28	28° 2	14°52	6°41	11°46	3°19	4°26	17°50	n.a.	F 12
S 13	23 10 45	15°43'04	19°27	16°56	17°51	11°38	17°27	28° 0	14°55	6°40	11°47	3°15	4°23	17°57	n.a.	S 13
S 14	23 14 41	16°42'42	1♌20	18°37	19° 6	12°16	17°26	27°58	14°59	6°40	11°47	3° 8	4°20	18° 4	n.a.	S 14
M15	23 18 38	17°42'23	13°11	20°18	20°21	12°54	17°26	27°56	15° 2	6°40	11°47	3° 0	4°17	18°11	n.a.	M15
T 16	23 22 35	18°42'05	25° 3	21°58	21°37	13°31	17°25	27°54	15° 5	6°40	11°R47	2°51	4°14	18°17	n.a.	T 16
W17	23 26 31	19°41'50	6♍58	23°38	22°52	14° 9	17°25	27°52	15° 9	6°39	11°47	2°42	4°10	18°24	n.a.	W17
T 18	23 30 28	20°41'36	18°59	25°17	24° 7	14°46	17°D25	27°50	15°12	6°39	11°47	2°35	4° 7	18°31	n.a.	T 18
F 19	23 34 24	21°41'25	1♎ 5	26°55	25°22	15°24	17°25	27°48	15°15	6°39	11°47	2°29	4° 4	18°37	n.a.	F 19
S 20	23 38 21	22°41'16	13°19	28°33	26°38	16° 1	17°26	27°46	15°18	6°39	11°47	2°25	4° 1	18°44	n.a.	S 20
S 21	23 42 17	23°41'09	25°42	0♎ 9	27°53	16°39	17°26	27°45	15°22	6°39	11°46	2°23	3°58	18°51	n.a.	S 21
M22	23 46 14	24°41'04	8♏16	1°46	29° 8	17°16	17°27	27°43	15°25	6°39	11°46	2°D23	3°54	18°58	n.a.	M22
T 23	23 50 10	25°41'00	21° 2	3°22	0♎23	17°53	17°28	27°42	15°28	6°D39	11°46	2°24	3°51	19° 4	n.a.	T 23
W24	23 54 7	26°40'59	4♐ 4	4°57	1°39	18°31	17°29	27°41	15°31	6°39	11°46	2°26	3°48	19°11	n.a.	W24
T 25	23 58 3	27°40'59	17°24	6°32	2°54	19° 8	17°31	27°40	15°34	6°39	11°46	2°27	3°45	19°18	n.a.	T 25
F 26	0 2 0	28°41'01	1♑ 3	8° 6	4° 9	19°46	17°32	27°39	15°37	6°39	11°46	2°R27	3°42	19°24	n.a.	F 26
S 27	0 5 57	29°41'05	15° 4	9°40	5°25	20°23	17°34	27°38	15°40	6°39	11°45	2°26	3°39	19°31	n.a.	S 27
S 28	0 9 53	0♎41'10	29°25	11°13	6°40	21° 0	17°36	27°37	15°43	6°39	11°45	2°24	3°35	19°38	n.a.	S 28
M29	0 13 50	1°41'17	14♒ 4	12°45	7°55	21°38	17°38	27°36	15°46	6°39	11°45	2°20	3°32	19°45	n.a.	M29
T 30	0 17 46	2♎41'26	28♒55	14♎18	9♎11	22♌15	17♏41	27♏35	15♌49	6♏40	11♊44	2♉16	3♉29	19♌51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n13	24s 9	5s 4	14n49	1n51	11n54	1n24	20n39	1n13	23s34	1s 3	22s 1	1s21	17n26	0n42	23s16	0n17	19n44	2s46	12n59	13n21	20n51		n.a.
T 2	9 51	19 31	4 52	14 10	1 50	11 26	1 24	20 30	1 14	23 35	1 3	22 2	1 21	17 25	0 42	23 16	0 17	19 44	2 46	12 56	13 20	20 49		n.a.
W 3	9 29	13 37	4 19	13 30	1 47	10 58	1 24	20 21	1 14	23 35	1 3	22 2	1 21	17 24	0 42	23 16	0 17	19 44	2 46	12 53	13 19	20 46		n.a.
T 4	9 7	6 56	3 28	12 49	1 45	10 30	1 23	20 12	1 14	23 35	1 3	22 3	1 21	17 23	0 42	23 17	0 17	19 44	2 46	12 50	13 18	20 44		n.a.
F 5	8 45	0n 0	2 24	12 7	1 42	10 1	1 23	20 3	1 15	23 36	1 3	22 4	1 21	17 22	0 42	23 17	0 17	19 44	2 46	12 48	13 17	20 42		n.a.
S 6	8 23	6 46	1 12	11 24	1 38	9 32	1 23	19 53	1 15	23 36	1 3	22 4	1 21	17 21	0 42	23 17	0 17	19 44	2 46	12 47	13 16	20 39		n.a.
S 7	8 0	13 0	0n 3	10 41	1 34	9 3	1 22	19 44	1 15	23 36	1 3	22 5	1 21	17 20	0 42	23 17	0 17	19 44	2 46	12 47	13 15	20 37		n.a.
M 8	7 37	18 24	1 14	9 57	1 30	8 33	1 21	19 34	1 15	23 36	1 3	22 5	1 21	17 19	0 42	23 17	0 17	19 44	2 46	12 47	13 14	20 35		n.a.
T 9	7 14	22 45	2 20	9 13	1 26	8 4	1 21	19 24	1 16	23 36	1 3	22 6	1 21	17 18	0 42	23 17	0 17	19 44	2 46	12 48	13 13	20 33		n.a.
W10	6 52	25 53	3 17	8 28	1 21	7 34	1 20	19 15	1 16	23 37	1 3	22 6	1 21	17 17	0 42	23 17	0 17	19 44	2 46	12 48	13 12	20 30		n.a.
T 11	6 28	27 42	4 3	7 43	1 16	7 4	1 19	19 5	1 16	23 37	1 3	22 7	1 21	17 16	0 42	23 17	0 17	19 44	2 46	12 47	13 10	20 28		n.a.
F 12	6 5	28 8	4 37	6 58	1 11	6 33	1 18	18 54	1 17	23 37	1 3	22 7	1 20	17 15	0 42	23 17	0 17	19 44	2 46	12 46	13 9	20 26		n.a.
S 13	5 42	27 14	4 59	6 13	1 5	6 3	1 17	18 44	1 17	23 37	1 3	22 8	1 20	17 14	0 42	23 17	0 17	19 44	2 46	12 45	13 8	20 23		n.a.
S 14	5 19	25 6	5 7	5 28	0 59	5 32	1 16	18 34	1 17	23 37	1 3	22 8	1 20	17 13	0 42	23 17	0 17	19 44	2 46	12 42	13 7	20 21		n.a.
M15	4 55	21 53	5 3	4 42	0 53	5 1	1 15	18 23	1 17	23 37	1 3	22 9	1 20	17 12	0 42	23 17	0 17	19 44	2 46	12 40	13 6	20 19		n.a.
T 16	4 31	17 48	4 45	3 57	0 47	4 30	1 14	18 13	1 18	23 37	1 2	22 9	1 20	17 11	0 42	23 17	0 17	19 44	2 46	12 37	13 5	20 16		n.a.
W17	4 8	12 59	4 15	3 11	0 41	3 59	1 13	18 2	1 18	23 37	1 2	22 9	1 20	17 10	0 42	23 17	0 17	19 44	2 46	12 34	13 4	20 14		n.a.
T 18	3 44	7 40	3 33	2 26	0 35	3 28	1 12	17 51	1 18	23 37	1 2	22 10	1 20	17 9	0 42	23 17	0 17	19 44	2 46	12 31	13 3	20 12		n.a.
F 19	3 20	2 2	2 41	1 40	0 28	2 56	1 11	17 40	1 19	23 37	1 2	22 10	1 20	17 8	0 42	23 17	0 17	19 44	2 46	12 29	13 2	20 9		n.a.
S 20	2 56	3s46	1 42	0 55	0 22	2 25	1 9	17 29	1 19	23 37	1 2	22 10	1 20	17 7	0 42	23 17	0 17	19 44	2 46	12 28	13 1	20 7		n.a.
S 21	2 32	9 29	0 36	0 10	0 15	1 53	1 8	17 18	1 19	23 36	1 2	22 11	1 20	17 6	0 42	23 17	0 17	19 44	2 46	12 27	13 0	20 4		n.a.
M22	2 8	14 56	0s32	0s35	0 9	1 22	1 6	17 7	1 19	23 36	1 2	22 11	1 20	17 5	0 42	23 17	0 17	19 44	2 46	12 27	12 59	20 2		n.a.
T 23	1 44	19 51	1 40	1 19	0 2	0 50	1 5	16 55	1 20	23 36	1 2	22 11	1 20	17 4	0 42	23 17	0 17	19 44	2 46	12 27	12 57	20 0		n.a.
W24	1 20	23 54	2 44	2 4	0s 5	0 18	1 3	16 44	1 20	23 36	1 2	22 11	1 20	17 3	0 42	23 17	0 17	19 44	2 46	12 28	12 56	19 57		n.a.
T 25	0 56	26 48	3 41	2 48	0 11	0s13	1 2	16 32	1 20	23 35	1 2	22 11	1 20	17 2	0 42	23 17	0 17	19 44	2 46	12 28	12 55	19 55		n.a.
F 26	0 32	28 11	4 27	3 32	0 18	0 45	1 0	16 20	1 20	23 35	1 2	22 12	1 20	17 1	0 42	23 17	0 17	19 44	2 46	12 28	12 54	19 52		n.a.
S 27	0 8	27 48	4 58	4 15	0 25	1 17	0 58	16 9	1 21	23 35	1 1	22 12	1 20	17 1	0 42	23 17	0 17	19 44	2 46	12 28	12 53	19 50		n.a.
S 28	0s17	25 36	5 12	4 58	0 31	1 49	0 57	15 57	1 21	23 34	1 1	22 12	1 20	17 0	0 42	23 17	0 17	19 44	2 46	12 27	12 52	19 48		n.a.
M29	0 41	21 41	5 6	5 41	0 38	2 20	0 55	15 45	1 21	23 34	1 1	22 12	1 20	16 59	0 42	23 17	0 17	19 44	2 46	12 26	12 51	19 45		n.a.
T 30	1s 5	16s21	4s39	6s23	0s45	2s52	0n53	15n33	1n21	23s34	1s 1	22s12	1s20	16n58	0n42	23s17	0n17	19n43	2s46	12n24	12n50	19n43		n.a.

Julian Day Number = 1610265.5, Delta T = 03h53m43s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'23, Lahiri = - 8°09'23 Julian Calendar 1 Sept. 305 BCE == Greg. Calendar 27 Aug. 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

OCTOBER 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 21 43	3♎41'36	13♓51	15♎49	10♎26	22♌52	17♑44	27°R35	15♌52	6♑40	11°R44	2°R12	3♉26	19♌58	n.a.	W 1
T 2	0 25 39	4°41'48	28°44	17°21	11°41	23°30	17°46	27♑34	15°54	6°40	11♊44	2♉ 8	3°23	20° 5	n.a.	T 2
F 3	0 29 36	5°42'02	13♈26	18°52	12°56	24° 7	17°49	27°34	15°57	6°41	11°43	2° 6	3°20	20°11	n.a.	F 3
S 4	0 33 32	6°42'18	27°49	20°22	14°12	24°44	17°52	27°34	16° 0	6°41	11°43	2°D 5	3°16	20°18	n.a.	S 4
S 5	0 37 29	7°42'36	11♉48	21°52	15°27	25°21	17°56	27°33	16° 3	6°41	11°42	2° 5	3°13	20°25	n.a.	S 5
M 6	0 41 26	8°42'56	25°21	23°21	16°42	25°59	17°59	27°D33	16° 5	6°42	11°42	2° 6	3°10	20°32	n.a.	M 6
T 7	0 45 22	9°43'18	8♊30	24°50	17°58	26°36	18° 3	27°34	16° 8	6°42	11°42	2° 8	3° 7	20°38	n.a.	T 7
W 8	0 49 19	10°43'42	21°15	26°19	19°13	27°13	18° 7	27°34	16°10	6°43	11°41	2° 9	3° 4	20°45	n.a.	W 8
T 9	0 53 15	11°44'08	3♋40	27°47	20°28	27°50	18°11	27°34	16°13	6°43	11°41	2°10	3° 0	20°52	n.a.	T 9
F 10	0 57 12	12°44'37	15°50	29°15	21°43	28°27	18°16	27°34	16°15	6°44	11°40	2°R10	2°57	20°59	n.a.	F 10
S 11	1 1 8	13°45'07	27°49	0♏42	22°59	29° 5	18°20	27°35	16°18	6°44	11°39	2°10	2°54	21° 5	n.a.	S 11
S 12	1 5 5	14°45'39	9♌42	2° 8	24°14	29°42	18°25	27°35	16°20	6°45	11°39	2° 8	2°51	21°12	n.a.	S 12
M13	1 9 1	15°46'13	21°33	3°34	25°29	0♍19	18°30	27°36	16°23	6°46	11°38	2° 6	2°48	21°19	n.a.	M13
T 14	1 12 58	16°46'49	3♍27	4°59	26°45	0°56	18°35	27°37	16°25	6°47	11°38	2° 3	2°45	21°25	n.a.	T 14
W15	1 16 55	17°47'26	15°26	6°23	28° 0	1°33	18°40	27°38	16°27	6°47	11°37	2° 1	2°41	21°32	n.a.	W15
T 16	1 20 51	18°48'06	27°33	7°47	29°15	2°10	18°45	27°39	16°30	6°48	11°36	1°59	2°38	21°39	n.a.	T 16
F 17	1 24 48	19°48'47	9♎51	9° 9	0♏31	2°47	18°51	27°40	16°32	6°49	11°36	1°57	2°35	21°46	n.a.	F 17
S 18	1 28 44	20°49'29	22°20	10°31	1°46	3°24	18°57	27°41	16°34	6°50	11°35	1°57	2°32	21°52	n.a.	S 18
S 19	1 32 41	21°50'13	5♏ 1	11°52	3° 1	4° 1	19° 3	27°43	16°36	6°51	11°34	1°D57	2°29	21°59	n.a.	S 19
M20	1 36 37	22°50'59	17°55	13°11	4°16	4°38	19° 9	27°44	16°38	6°51	11°33	1°57	2°26	22° 6	n.a.	M20
T 21	1 40 34	23°51'46	1♐ 2	14°29	5°32	5°15	19°15	27°45	16°40	6°52	11°33	1°58	2°22	22°12	n.a.	T 21
W22	1 44 30	24°52'34	14°23	15°45	6°47	5°52	19°21	27°47	16°42	6°53	11°32	1°58	2°19	22°19	n.a.	W22
T 23	1 48 27	25°53'24	27°56	16°59	8° 2	6°29	19°28	27°49	16°44	6°54	11°31	1°59	2°16	22°26	n.a.	T 23
F 24	1 52 24	26°54'14	11♑42	18°11	9°18	7° 6	19°35	27°51	16°46	6°55	11°30	1°59	2°13	22°33	n.a.	F 24
S 25	1 56 20	27°55'06	25°40	19°21	10°33	7°43	19°42	27°53	16°48	6°56	11°29	2°R 0	2°10	22°39	n.a.	S 25
S 26	2 0 17	28°55'59	9♒49	20°28	11°48	8°20	19°49	27°55	16°49	6°57	11°29	1°59	2° 6	22°46	n.a.	S 26
M27	2 4 13	29°56'52	24° 8	21°31	13° 3	8°57	19°56	27°57	16°51	6°59	11°28	1°59	2° 3	22°53	n.a.	M27
T 28	2 8 10	0♏57'47	8♓33	22°32	14°19	9°34	20° 3	27°59	16°53	7° 0	11°27	1°59	2° 0	22°59	n.a.	T 28
W29	2 12 6	1°58'42	23° 1	23°28	15°34	10°10	20°11	28° 1	16°54	7° 1	11°26	1°D59	1°57	23° 6	n.a.	W29
T 30	2 16 3	2°59'38	7♈26	24°19	16°49	10°47	20°19	28° 4	16°56	7° 2	11°25	1°59	1°54	23°13	n.a.	T 30
F 31	2 19 59	4♏ 0'36	21♈43	25♏ 5	18♏ 4	11♍24	20♑27	28♑ 6	16♌57	7♑ 3	11♊24	1♉59	1♉51	23♌20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s29	10s 1	3s54	7s 5	0s51	3s24	0n51	15n21	1n22	23s33	1s 1	22s12	1s20	16n57	0n42	23s17	0n17	19n43	2s46	12n23	12n49	19n40		n.a.
T 2	1 53	3 9	2 53	7 47	0 58	3 55	0 49	15 9	1 22	23 33	1 1	22 12	1 20	16 56	0 42	23 17	0 16	19 43	2 46	12 22	12 48	19 38		n.a.
F 3	2 17	3n49	1 41	8 28	1 4	4 27	0 47	14 56	1 22	23 32	1 1	22 12	1 20	16 56	0 43	23 17	0 16	19 43	2 46	12 21	12 47	19 36		n.a.
S 4	2 42	10 28	0 23	9 8	1 10	4 58	0 45	14 44	1 22	23 32	1 1	22 12	1 20	16 55	0 43	23 17	0 16	19 43	2 46	12 21	12 45	19 33		n.a.
S 5	3 6	16 24	0n53	9 48	1 17	5 29	0 43	14 31	1 23	23 31	1 1	22 12	1 19	16 54	0 43	23 17	0 16	19 43	2 46	12 21	12 44	19 31		n.a.
M 6	3 30	21 21	2 5	10 28	1 23	6 0	0 41	14 19	1 23	23 31	1 1	22 12	1 19	16 53	0 43	23 17	0 16	19 43	2 46	12 21	12 43	19 28		n.a.
T 7	3 54	25 4	3 7	11 6	1 29	6 31	0 39	14 6	1 23	23 30	1 1	22 12	1 19	16 52	0 43	23 17	0 16	19 43	2 46	12 22	12 42	19 26		n.a.
W 8	4 18	27 24	3 58	11 45	1 34	7 2	0 37	13 54	1 23	23 29	1 0	22 12	1 19	16 52	0 43	23 17	0 16	19 43	2 46	12 22	12 41	19 23		n.a.
T 9	4 42	28 18	4 37	12 22	1 40	7 33	0 35	13 41	1 24	23 29	1 0	22 12	1 19	16 51	0 43	23 17	0 16	19 43	2 46	12 22	12 40	19 21		n.a.
F 10	5 6	27 47	5 3	12 59	1 46	8 4	0 33	13 28	1 24	23 28	1 0	22 12	1 19	16 50	0 43	23 17	0 16	19 43	2 46	12 23	12 39	19 18		n.a.
S 11	5 29	25 59	5 14	13 35	1 51	8 34	0 31	13 15	1 24	23 27	1 0	22 12	1 19	16 50	0 43	23 17	0 16	19 43	2 46	12 22	12 38	19 16		n.a.
S 12	5 53	23 3	5 13	14 10	1 56	9 4	0 28	13 2	1 24	23 27	1 0	22 11	1 19	16 49	0 43	23 17	0 16	19 43	2 46	12 22	12 37	19 13		n.a.
M13	6 17	19 10	4 57	14 45	2 1	9 34	0 26	12 49	1 25	23 26	1 0	22 11	1 19	16 48	0 43	23 17	0 16	19 43	2 46	12 21	12 36	19 11		n.a.
T 14	6 40	14 32	4 29	15 18	2 5	10 4	0 24	12 36	1 25	23 25	1 0	22 11	1 19	16 47	0 43	23 17	0 16	19 43	2 46	12 20	12 34	19 8		n.a.
W15	7 4	9 20	3 50	15 51	2 10	10 33	0 22	12 23	1 25	23 24	1 0	22 11	1 19	16 47	0 43	23 17	0 16	19 42	2 46	12 19	12 33	19 6		n.a.
T 16	7 27	3 43	2 59	16 23	2 14	11 3	0 19	12 9	1 25	23 23	1 0	22 10	1 19	16 46	0 43	23 17	0 16	19 42	2 46	12 19	12 32	19 3		n.a.
F 17	7 50	2s 7	1 59	16 54	2 18	11 32	0 17	11 56	1 26	23 22	1 0	22 10	1 19	16 46	0 43	23 17	0 16	19 42	2 46	12 18	12 31	19 1		n.a.
S 18	8 14	7 59	0 53	17 23	2 21	12 0	0 14	11 43	1 26	23 22	1 0	22 10	1 19	16 45	0 43	23 17	0 16	19 42	2 46	12 18	12 30	18 58		n.a.
S 19	8 37	13 37	0s17	17 52	2 24	12 29	0 12	11 29	1 26	23 21	0 59	22 10	1 19	16 44	0 43	23 17	0 16	19 42	2 46	12 18	12 29	18 56		n.a.
M20	9 0	18 47	1 27	18 19	2 27	12 57	0 10	11 16	1 26	23 20	0 59	22 9	1 19	16 44	0 43	23 17	0 16	19 42	2 46	12 18	12 28	18 53		n.a.
T 21	9 22	23 8	2 34	18 45	2 29	13 25	0 7	11 2	1 26	23 19	0 59	22 9	1 18	16 43	0 43	23 17	0 16	19 42	2 46	12 18	12 27	18 51		n.a.
W22	9 45	26 21	3 34	19 9	2 30	13 52	0 5	10 49	1 27	23 18	0 59	22 8	1 18	16 43	0 43	23 17	0 16	19 42	2 46	12 18	12 26	18 48		n.a.
T 23	10 7	28 6	4 23	19 32	2 32	14 19	0 2	10 35	1 27	23 17	0 59	22 8	1 18	16 42	0 43	23 17	0 16	19 42	2 46	12 19	12 24	18 46		n.a.
F 24	10 30	28 9	4 57	19 53	2 32	14 46	0s 0	10 21	1 27	23 15	0 59	22 8	1 18	16 42	0 43	23 17	0 16	19 42	2 46	12 19	12 23	18 43		n.a.
S 25	10 52	26 26	5 15	20 13	2 32	15 13	0 3	10 8	1 27	23 14	0 59	22 7	1 18	16 41	0 43	23 17	0 16	19 42	2 46	12 19	12 22	18 41		n.a.
S 26	11 14	23 2	5 14	20 31	2 31	15 39	0 5	9 54	1 28	23 13	0 59	22 7	1 18	16 41	0 43	23 17	0 16	19 41	2 46	12 19	12 21	18 38		n.a.
M27	11 35	18 15	4 54	20 46	2 30	16 4	0 7	9 40	1 28	23 12	0 59	22 6	1 18	16 40	0 43	23 17	0 16	19 41	2 46	12 19	12 20	18 36		n.a.
T 28	11 57	12 23	4 15	21 0	2 27	16 29	0 10	9 26	1 28	23 11	0 59	22 6	1 18	16 40	0 43	23 17	0 16	19 41	2 46	12 19	12 19	18 33		n.a.
W29	12 18	5 51	3 20	21 12	2 24	16 54	0 12	9 12	1 28	23 10	0 59	22 5	1 18	16 39	0 44	23 17	0 16	19 41	2 46	12 19	12 18	18 30		n.a.
T 30	12 40	0n58	2 12	21 21	2 20	17 18	0 15	8 58	1 28	23 8	0 58	22 5	1 18	16 39	0 44	23 17	0 16	19 41	2 46	12 19	12 17	18 28		n.a.
F 31	13s 1	7n42	0s57	21s27	2s15	17s42	0s17	8n44	1n29	23s 7	0s58	22s 4	1s18	16n38	0n44	23s17	0n16	19n41	2s46	12n19	12n16	18n25		n.a.

Julian Day Number = 1610295.5, Delta T = 03h53m42s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'19, Lahiri = - 8°09'19 Julian Calendar 1 Oct. 305 BCE == Greg. Calendar 26 Sept. 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

NOVEMBER 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 23 56	5♏ 1'34	5♉48	25♏45	19♏20	12♍ 1	20♑35	28♑ 9	16♘59	7♑ 5	11°R23	1°R59	1♉47	23♘26	n.a.	S 1
S 2	2 27 53	6° 2'34	19°37	26°18	20°35	12°37	20°43	28°12	17° 0	7° 6	11♊22	1♉59	1°44	23°33	n.a.	S 2
M 3	2 31 49	7° 3'35	3♊ 5	26°43	21°50	13°14	20°51	28°15	17° 1	7° 7	11°21	1°59	1°41	23°40	n.a.	M 3
T 4	2 35 46	8° 4'36	16°13	27° 0	23° 5	13°51	21° 0	28°18	17° 3	7° 9	11°20	1°58	1°38	23°46	n.a.	T 4
W 5	2 39 42	9° 5'40	29° 1	27°R 8	24°20	14°27	21° 8	28°21	17° 4	7°10	11°19	1°57	1°35	23°53	n.a.	W 5
T 6	2 43 39	10° 6'44	11♋30	27° 6	25°35	15° 4	21°17	28°24	17° 5	7°11	11°18	1°56	1°32	24° 0	n.a.	T 6
F 7	2 47 35	11° 7'49	23°43	26°53	26°51	15°41	21°26	28°27	17° 6	7°13	11°17	1°55	1°28	24° 7	n.a.	F 7
S 8	2 51 32	12° 8'56	5♌44	26°28	28° 6	16°17	21°35	28°30	17° 7	7°14	11°16	1°55	1°25	24°13	n.a.	S 8
S 9	2 55 28	13°10'03	17°38	25°53	29°21	16°54	21°44	28°34	17° 8	7°16	11°15	1°D55	1°22	24°20	n.a.	S 9
M10	2 59 25	14°11'12	29°29	25° 6	0♐36	17°30	21°53	28°37	17° 9	7°17	11°14	1°55	1°19	24°27	n.a.	M10
T 11	3 3 22	15°12'21	11♍23	24° 8	1°51	18° 7	22° 3	28°41	17°10	7°19	11°13	1°56	1°16	24°33	n.a.	T 11
W12	3 7 18	16°13'32	23°24	23° 1	3° 6	18°43	22°12	28°45	17°11	7°20	11°12	1°58	1°12	24°40	n.a.	W12
T 13	3 11 15	17°14'43	5♎36	21°47	4°22	19°20	22°22	28°48	17°12	7°22	11°10	1°59	1° 9	24°47	n.a.	T 13
F 14	3 15 11	18°15'56	18° 1	20°27	5°37	19°56	22°32	28°52	17°13	7°24	11° 9	2° 0	1° 6	24°54	n.a.	F 14
S 15	3 19 8	19°17'09	0♏44	19° 4	6°52	20°33	22°42	28°56	17°13	7°25	11° 8	2°R 1	1° 3	25° 0	n.a.	S 15
S 16	3 23 4	20°18'22	13°44	17°42	8° 7	21° 9	22°52	29° 0	17°14	7°27	11° 7	2° 0	1° 0	25° 7	n.a.	S 16
M17	3 27 1	21°19'37	27° 2	16°22	9°22	21°45	23° 2	29° 4	17°14	7°29	11° 6	1°59	0°57	25°14	n.a.	M17
T 18	3 30 57	22°20'51	10♐36	15° 8	10°37	22°21	23°12	29° 8	17°15	7°30	11° 5	1°56	0°53	25°20	n.a.	T 18
W19	3 34 54	23°22'07	24°24	14° 1	11°52	22°58	23°22	29°13	17°15	7°32	11° 4	1°53	0°50	25°27	n.a.	W19
T 20	3 38 51	24°23'22	8♑23	13° 4	13° 7	23°34	23°33	29°17	17°16	7°34	11° 2	1°50	0°47	25°34	n.a.	T 20
F 21	3 42 47	25°24'38	22°29	12°16	14°22	24°10	23°44	29°22	17°16	7°36	11° 1	1°47	0°44	25°41	n.a.	F 21
S 22	3 46 44	26°25'53	6♒39	11°39	15°37	24°46	23°54	29°26	17°16	7°38	11° 0	1°44	0°41	25°47	n.a.	S 22
S 23	3 50 40	27°27'09	20°51	11°13	16°52	25°22	24° 5	29°31	17°17	7°39	10°59	1°43	0°38	25°54	n.a.	S 23
M24	3 54 37	28°28'25	5♓ 0	10°58	18° 7	25°58	24°16	29°35	17°17	7°41	10°58	1°D43	0°34	26° 1	n.a.	M24
T 25	3 58 33	29°29'40	19° 7	10°D53	19°22	26°34	24°27	29°40	17°17	7°43	10°56	1°44	0°31	26° 7	n.a.	T 25
W26	4 2 30	0♐30'55	3♈ 9	10°57	20°37	27°10	24°38	29°45	17°R17	7°45	10°55	1°46	0°28	26°14	n.a.	W26
T 27	4 6 27	1°32'10	17° 5	11°10	21°52	27°46	24°50	29°50	17°17	7°47	10°54	1°47	0°25	26°21	n.a.	T 27
F 28	4 10 23	2°33'25	0♉53	11°31	23° 7	28°22	25° 1	29°55	17°17	7°49	10°53	1°R48	0°22	26°27	n.a.	F 28
S 29	4 14 20	3°34'40	14°31	11°59	24°22	28°58	25°12	0♒ 0	17°17	7°51	10°51	1°47	0°18	26°34	n.a.	S 29
S 30	4 18 16	4♐35'55	27♉57	12♏34	25♐37	29♍34	25♑24	0♒ 5	17♘17	7♑53	10♊50	1♉45	0♉15	26♘41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s21	13n57	0n21	21s31	2s 8	18s 5	0s20	8n30	1n29	23s 6	0s58	22s 3	1s18	16n38	0n44	23s17	0n16	19n41	2s46	12n19	12n15	18n23		n.a.
S 2	13 42	19 24	1 36	21 31	2 1	18 28	0 22	8 16	1 29	23 4	0 58	22 3	1 18	16 37	0 44	23 17	0 16	19 41	2 46	12 19	12 13	18 20		n.a.
M 3	14 2	23 43	2 44	21 28	1 52	18 51	0 25	8 2	1 29	23 3	0 58	22 2	1 18	16 37	0 44	23 17	0 16	19 41	2 46	12 18	12 12	18 17		n.a.
T 4	14 22	26 41	3 41	21 22	1 41	19 12	0 27	7 48	1 29	23 2	0 58	22 1	1 18	16 37	0 44	23 17	0 16	19 40	2 46	12 18	12 11	18 15		n.a.
W 5	14 42	28 10	4 26	21 13	1 30	19 34	0 29	7 34	1 29	23 0	0 58	22 1	1 18	16 36	0 44	23 17	0 16	19 40	2 46	12 18	12 10	18 12		n.a.
T 6	15 2	28 9	4 57	20 59	1 16	19 55	0 32	7 20	1 30	22 59	0 58	22 0	1 18	16 36	0 44	23 16	0 16	19 40	2 46	12 18	12 9	18 10		n.a.
F 7	15 21	26 46	5 13	20 42	1 1	20 15	0 34	7 5	1 30	22 57	0 58	21 59	1 17	16 36	0 44	23 16	0 16	19 40	2 46	12 17	12 8	18 7		n.a.
S 8	15 40	24 10	5 16	20 20	0 45	20 34	0 37	6 51	1 30	22 56	0 58	21 59	1 17	16 36	0 44	23 16	0 16	19 40	2 46	12 17	12 7	18 4		n.a.
S 9	15 59	20 34	5 5	19 54	0 27	20 54	0 39	6 37	1 30	22 54	0 58	21 58	1 17	16 35	0 44	23 16	0 16	19 40	2 46	12 17	12 6	18 2		n.a.
M10	16 18	16 10	4 41	19 24	0 8	21 12	0 41	6 23	1 30	22 53	0 58	21 57	1 17	16 35	0 44	23 16	0 16	19 40	2 46	12 17	12 4	17 59		n.a.
T 11	16 36	11 8	4 5	18 51	0n12	21 30	0 44	6 8	1 31	22 51	0 58	21 56	1 17	16 35	0 44	23 16	0 16	19 40	2 46	12 18	12 3	17 57		n.a.
W12	16 54	5 40	3 18	18 14	0 32	21 47	0 46	5 54	1 31	22 49	0 57	21 55	1 17	16 35	0 44	23 16	0 16	19 39	2 46	12 18	12 2	17 54		n.a.
T 13	17 11	0s 6	2 21	17 35	0 52	22 4	0 48	5 40	1 31	22 48	0 57	21 55	1 17	16 34	0 44	23 16	0 16	19 39	2 46	12 19	12 1	17 51		n.a.
F 14	17 29	5 59	1 17	16 55	1 12	22 20	0 50	5 26	1 31	22 46	0 57	21 54	1 17	16 34	0 44	23 16	0 16	19 39	2 46	12 19	12 0	17 49		n.a.
S 15	17 46	11 46	0 7	16 14	1 32	22 35	0 53	5 11	1 31	22 44	0 57	21 53	1 17	16 34	0 44	23 16	0 16	19 39	2 46	12 19	11 59	17 46		n.a.
S 16	18 2	17 11	1s 4	15 34	1 49	22 50	0 55	4 57	1 31	22 43	0 57	21 52	1 17	16 34	0 44	23 16	0 16	19 39	2 46	12 19	11 58	17 43		n.a.
M17	18 19	21 54	2 14	14 56	2 6	23 4	0 57	4 42	1 32	22 41	0 57	21 51	1 17	16 34	0 44	23 16	0 16	19 39	2 46	12 18	11 57	17 41		n.a.
T 18	18 35	25 33	3 17	14 21	2 20	23 17	0 59	4 28	1 32	22 39	0 57	21 50	1 17	16 34	0 44	23 16	0 16	19 39	2 46	12 18	11 56	17 38		n.a.
W19	18 51	27 46	4 10	13 50	2 32	23 30	1 1	4 14	1 32	22 37	0 57	21 49	1 17	16 33	0 44	23 16	0 16	19 39	2 46	12 17	11 54	17 35		n.a.
T 20	19 6	28 16	4 48	13 23	2 41	23 42	1 3	3 59	1 32	22 35	0 57	21 48	1 17	16 33	0 44	23 15	0 15	19 38	2 46	12 15	11 53	17 33		n.a.
F 21	19 21	26 55	5 10	13 2	2 49	23 53	1 5	3 45	1 32	22 33	0 57	21 47	1 17	16 33	0 45	23 15	0 15	19 38	2 46	12 14	11 52	17 30		n.a.
S 22	19 36	23 52	5 13	12 46	2 54	24 3	1 7	3 31	1 32	22 31	0 57	21 46	1 17	16 33	0 45	23 15	0 15	19 38	2 46	12 13	11 51	17 27		n.a.
S 23	19 50	19 24	4 57	12 35	2 57	24 13	1 9	3 16	1 32	22 29	0 57	21 45	1 17	16 33	0 45	23 15	0 15	19 38	2 46	12 13	11 50	17 25		n.a.
M24	20 4	13 51	4 23	12 29	2 58	24 22	1 11	3 2	1 33	22 27	0 57	21 44	1 17	16 33	0 45	23 15	0 15	19 38	2 45	12 13	11 49	17 22		n.a.
T 25	20 17	7 37	3 33	12 27	2 58	24 30	1 12	2 48	1 33	22 25	0 57	21 43	1 17	16 33	0 45	23 15	0 15	19 38	2 45	12 13	11 48	17 19		n.a.
W26	20 31	1 2	2 31	12 30	2 56	24 38	1 14	2 33	1 33	22 23	0 57	21 42	1 17	16 33	0 45	23 15	0 15	19 38	2 45	12 14	11 47	17 17		n.a.
T 27	20 43	5n34	1 20	12 37	2 53	24 45	1 16	2 19	1 33	22 21	0 57	21 41	1 17	16 33	0 45	23 15	0 15	19 38	2 45	12 14	11 45	17 14		n.a.
F 28	20 56	11 51	0 5	12 47	2 50	24 51	1 18	2 5	1 33	22 19	0 57	21 40	1 16	16 33	0 45	23 15	0 15	19 37	2 45	12 15	11 44	17 11		n.a.
S 29	21 8	17 29	1n 9	13 1	2 45	24 56	1 19	1 50	1 33	22 17	0 57	21 39	1 16	16 34	0 45	23 15	0 15	19 37	2 45	12 14	11 43	17 8		n.a.
S 30	21s19	22n11	2n18	13s17	2n39	25s 0	1s21	1n36	1n33	22s15	0s56	21s37	1s16	16n34	0n45	23s15	0n15	19n37	2s45	12n14	11n42	17n 6		n.a.

Julian Day Number = 1610326.5, Delta T = 03h53m41s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'15, Lahiri = - 8°09'15 Julian Calendar 1 Nov. 305 BCE == Greg. Calendar 27 Oct. 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 305 BCE
geocentric

DECEMBER 305 BCE (-304) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 22 13	5♐37'09	11♊10	13♏15	26♐52	0♎10	25♑36	0♒10	17°R16	7♑55	10°R49	1°R41	0♉12	26♌48	n.a.	M 1
T 2	4 26 9	6°38'24	24° 8	14° 1	28° 7	0°45	25°47	0°16	17♌16	7°57	10♊48	1♉35	0° 9	26°54	n.a.	T 2
W 3	4 30 6	7°39'39	6♋49	14°52	29°22	1°21	25°59	0°21	17°16	7°59	10°46	1°29	0° 6	27° 1	n.a.	W 3
T 4	4 34 2	8°40'54	19°16	15°47	0♑37	1°57	26°11	0°26	17°15	8° 1	10°45	1°22	0° 3	27° 8	n.a.	T 4
F 5	4 37 59	9°42'08	1♌29	16°45	1°51	2°32	26°23	0°32	17°15	8° 3	10°44	1°15	29♈59	27°14	n.a.	F 5
S 6	4 41 56	10°43'23	13°31	17°47	3° 6	3° 8	26°35	0°38	17°14	8° 5	10°43	1°10	29°56	27°21	n.a.	S 6
S 7	4 45 52	11°44'38	25°25	18°52	4°21	3°43	26°47	0°43	17°14	8° 7	10°41	1° 7	29°53	27°28	n.a.	S 7
M 8	4 49 49	12°45'52	7♍15	19°59	5°36	4°19	27° 0	0°49	17°13	8° 9	10°40	1° 5	29°50	27°35	n.a.	M 8
T 9	4 53 45	13°47'06	19° 8	21° 9	6°50	4°54	27°12	0°55	17°12	8°11	10°39	1°D 5	29°47	27°41	n.a.	T 9
W10	4 57 42	14°48'21	1♎ 7	22°21	8° 5	5°30	27°24	1° 0	17°12	8°13	10°38	1° 6	29°43	27°48	n.a.	W10
T 11	5 1 38	15°49'35	13°18	23°34	9°20	6° 5	27°37	1° 6	17°11	8°15	10°36	1° 8	29°40	27°55	n.a.	T 11
F 12	5 5 35	16°50'48	25°46	24°50	10°35	6°40	27°49	1°12	17°10	8°18	10°35	1°R 9	29°37	28° 1	n.a.	F 12
S 13	5 9 32	17°52'02	8♏34	26° 7	11°49	7°15	28° 2	1°18	17° 9	8°20	10°34	1° 9	29°34	28° 8	n.a.	S 13
S 14	5 13 28	18°53'15	21°46	27°25	13° 4	7°51	28°15	1°24	17° 8	8°22	10°33	1° 7	29°31	28°15	n.a.	S 14
M15	5 17 25	19°54'28	5♐22	28°45	14°19	8°26	28°28	1°30	17° 7	8°24	10°31	1° 2	29°28	28°22	n.a.	M15
T 16	5 21 21	20°55'41	19°19	0♐ 5	15°33	9° 1	28°41	1°36	17° 6	8°26	10°30	0°56	29°24	28°28	n.a.	T 16
W17	5 25 18	21°56'52	3♑36	1°27	16°48	9°36	28°53	1°43	17° 5	8°28	10°29	0°47	29°21	28°35	n.a.	W17
T 18	5 29 14	22°58'03	18° 5	2°50	18° 2	10°11	29° 6	1°49	17° 4	8°31	10°28	0°39	29°18	28°42	n.a.	T 18
F 19	5 33 11	23°59'13	2♒40	4°14	19°17	10°46	29°20	1°55	17° 3	8°33	10°27	0°30	29°15	28°48	n.a.	F 19
S 20	5 37 7	25° 0'22	17°14	5°39	20°31	11°20	29°33	2° 2	17° 2	8°35	10°25	0°23	29°12	28°55	n.a.	S 20
S 21	5 41 4	26° 1'30	1♓42	7° 4	21°46	11°55	29°46	2° 8	17° 0	8°37	10°24	0°18	29° 9	29° 2	n.a.	S 21
M22	5 45 1	27° 2'37	15°58	8°31	23° 0	12°30	29°59	2°14	16°59	8°40	10°23	0°16	29° 5	29° 8	n.a.	M22
T 23	5 48 57	28° 3'42	0♈ 1	9°58	24°15	13° 4	0♒12	2°21	16°58	8°42	10°22	0°D15	29° 2	29°15	n.a.	T 23
W24	5 52 54	29° 4'47	13°51	11°26	25°29	13°39	0°26	2°27	16°56	8°44	10°21	0°16	28°59	29°22	n.a.	W24
T 25	5 56 50	0♑ 5'50	27°27	12°54	26°44	14°13	0°39	2°34	16°55	8°46	10°19	0°R16	28°56	29°29	n.a.	T 25
F 26	6 0 47	1° 6'51	10♉51	14°24	27°58	14°48	0°53	2°41	16°53	8°49	10°18	0°16	28°53	29°35	n.a.	F 26
S 27	6 4 43	2° 7'52	24° 4	15°54	29°12	15°22	1° 6	2°47	16°52	8°51	10°17	0°13	28°49	29°42	n.a.	S 27
S 28	6 8 40	3° 8'51	7♊ 6	17°25	0♒26	15°56	1°20	2°54	16°50	8°53	10°16	0° 8	28°46	29°49	n.a.	S 28
M29	6 12 36	4° 9'49	19°57	18°56	1°41	16°31	1°33	3° 1	16°48	8°55	10°15	29♈59	28°43	29°55	n.a.	M29
T 30	6 16 33	5°10'46	2♋37	20°28	2°55	17° 5	1°47	3° 8	16°47	8°58	10°14	29°49	28°40	0♍ 2	n.a.	T 30
W31	6 20 30	6♑11'42	15♋ 7	22♐ 1	4♒ 9	17♎39	2♒ 1	3♒14	16♌45	9♑ 0	10♊13	29♈37	28♈37	0♍ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21 s30	25n40	3n18	13 s35	2n33	25 s 4	1 s22	1n22	1n33	22 s13	0 s56	21 s36	1 s16	16n34	0n45	23 s14	0n15	19n37	2 s45	12n12	11n41	17n 3			n.a.
T 2	21 41	27 43	4 7	13 55	2 26	25 7	1 24	1 7	1 33	22 10	0 56	21 35	1 16	16 34	0 45	23 14	0 15	19 37	2 45	12 10	11 40	17 0			n.a.
W 3	21 51	28 15	4 42	14 17	2 19	25 9	1 25	0 53	1 34	22 8	0 56	21 34	1 16	16 34	0 45	23 14	0 15	19 37	2 45	12 8	11 39	16 57			n.a.
T 4	22 1	27 20	5 3	14 40	2 12	25 10	1 27	0 39	1 34	22 6	0 56	21 33	1 16	16 34	0 45	23 14	0 15	19 37	2 45	12 5	11 38	16 55			n.a.
F 5	22 11	25 6	5 10	15 4	2 4	25 11	1 28	0 25	1 34	22 3	0 56	21 31	1 16	16 34	0 45	23 14	0 15	19 37	2 45	12 3	11 36	16 52			n.a.
S 6	22 20	21 48	5 3	15 29	1 56	25 11	1 29	0 10	1 34	22 1	0 56	21 30	1 16	16 35	0 45	23 14	0 15	19 36	2 45	12 1	11 35	16 49			n.a.
S 7	22 28	17 38	4 43	15 55	1 48	25 10	1 30	0 s 4	1 34	21 59	0 56	21 29	1 16	16 35	0 45	23 14	0 15	19 36	2 45	12 0	11 34	16 47			n.a.
M 8	22 36	12 49	4 11	16 21	1 40	25 8	1 31	0 18	1 34	21 56	0 56	21 28	1 16	16 35	0 45	23 14	0 15	19 36	2 45	12 0	11 33	16 44			n.a.
T 9	22 44	7 32	3 28	16 48	1 32	25 6	1 32	0 32	1 34	21 54	0 56	21 26	1 16	16 35	0 45	23 14	0 15	19 36	2 45	12 0	11 32	16 41			n.a.
W10	22 51	1 55	2 35	17 14	1 23	25 2	1 33	0 46	1 34	21 51	0 56	21 25	1 16	16 35	0 45	23 13	0 15	19 36	2 45	12 0	11 31	16 38			n.a.
T 11	22 58	3 s51	1 35	17 41	1 15	24 58	1 34	1 0	1 34	21 49	0 56	21 24	1 16	16 36	0 45	23 13	0 15	19 36	2 45	12 1	11 30	16 35			n.a.
F 12	23 4	9 38	0 29	18 8	1 7	24 53	1 35	1 14	1 34	21 46	0 56	21 22	1 16	16 36	0 45	23 13	0 15	19 36	2 44	12 1	11 28	16 33			n.a.
S 13	23 10	15 10	0 s40	18 35	0 58	24 48	1 36	1 28	1 34	21 43	0 56	21 21	1 16	16 36	0 45	23 13	0 15	19 36	2 44	12 1	11 27	16 30			n.a.
S 14	23 16	20 11	1 49	19 1	0 50	24 41	1 37	1 42	1 34	21 41	0 56	21 20	1 16	16 37	0 46	23 13	0 15	19 36	2 44	12 0	11 26	16 27			n.a.
M15	23 21	24 18	2 53	19 27	0 42	24 34	1 37	1 56	1 34	21 38	0 56	21 18	1 16	16 37	0 46	23 13	0 15	19 35	2 44	11 59	11 25	16 24			n.a.
T 16	23 25	27 7	3 49	19 52	0 34	24 26	1 38	2 10	1 35	21 35	0 56	21 17	1 16	16 37	0 46	23 13	0 15	19 35	2 44	11 56	11 24	16 22			n.a.
W17	23 29	28 13	4 32	20 17	0 26	24 17	1 38	2 24	1 35	21 33	0 56	21 15	1 16	16 38	0 46	23 13	0 15	19 35	2 44	11 53	11 23	16 19			n.a.
T 18	23 33	27 25	4 58	20 42	0 18	24 8	1 39	2 38	1 35	21 30	0 56	21 14	1 16	16 38	0 46	23 12	0 15	19 35	2 44	11 50	11 22	16 16			n.a.
F 19	23 36	24 45	5 5	21 5	0 10	23 58	1 39	2 52	1 35	21 27	0 56	21 13	1 16	16 39	0 46	23 12	0 15	19 35	2 44	11 47	11 20	16 13			n.a.
S 20	23 38	20 30	4 53	21 29	0 2	23 47	1 40	3 5	1 35	21 24	0 56	21 11	1 16	16 39	0 46	23 12	0 15	19 35	2 44	11 45	11 19	16 10			n.a.
S 21	23 40	15 4	4 21	21 51	0 s 5	23 35	1 40	3 19	1 35	21 22	0 56	21 10	1 16	16 39	0 46	23 12	0 15	19 35	2 44	11 43	11 18	16 8			n.a.
M22	23 42	8 53	3 34	22 12	0 13	23 23	1 40	3 33	1 35	21 19	0 56	21 8	1 16	16 40	0 46	23 12	0 15	19 35	2 44	11 42	11 17	16 5			n.a.
T 23	23 43	2 21	2 34	22 33	0 20	23 10	1 40	3 46	1 35	21 16	0 56	21 7	1 16	16 40	0 46	23 12	0 15	19 35	2 44	11 42	11 16	16 2			n.a.
W24	23 44	4n12	1 27	22 53	0 27	22 56	1 40	4 0	1 35	21 13	0 56	21 5	1 16	16 41	0 46	23 12	0 15	19 35	2 44	11 42	11 15	15 59			n.a.
T 25	23 44	10 28	0 15	23 11	0 34	22 42	1 40	4 13	1 35	21 10	0 56	21 4	1 16	16 41	0 46	23 11	0 15	19 34	2 44	11 42	11 14	15 56			n.a.
F 26	23 44	16 9	0n56	23 29	0 41	22 27	1 40	4 27	1 35	21 7	0 56	21 2	1 16	16 42	0 46	23 11	0 15	19 34	2 43	11 42	11 13	15 53			n.a.
S 27	23 43	21 1	2 3	23 46	0 47	22 11	1 40	4 40	1 35	21 4	0 56	21 1	1 16	16 42	0 46	23 11	0 15	19 34	2 43	11 41	11 11	15 51			n.a.
S 28	23 42	24 46	3 3	24 1	0 54	21 55	1 39	4 54	1 35	21 1	0 56	20 59	1 16	16 43	0 46	23 11	0 15	19 34	2 43	11 39	11 10	15 48			n.a.
M29	23 40	27 12	3 52	24 15	1 0	21 38	1 39	5 7	1 35	20 58	0 56	20 57	1 16	16 43	0 46	23 11	0 15	19 34	2 43	11 36	11 9	15 45			n.a.
T 30	23 38	28 11	4 29	24 29	1 5	21 21	1 38	5 20	1 35	20 55	0 56	20 56	1 16	16 44	0 46	23 11	0 15	19 34	2 43	11 33	11 8	15 42			n.a.
W31	23 s35	27n42	4n52	24 s40	1 s11	21 s 2	1 s38	5 s33	1n35	20 s52	0 s56	20 s54	1 s16	16n45	0n46	23 s11	0n15	19n34	2 s43	11n28	11n 7	15n39			n.a.

Julian Day Number = 1610356.5, Delta T = 03h53m40s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'11, Lahiri = - 8°09'10 Julian Calendar 1 Dec. 305 BCE == Greg. Calendar 26 Nov. 305 BCE

The year -304 astronomical counting style corresponds to year 305 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

JANUARY 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 24 26	7♑12'36	27♋25	23♐35	5♒23	18♎13	2♒15	3♒21	16°R43	9♑ 2	10°R11	29°R24	28♈34	0♍16	n.a.	T 1
F 2	6 28 23	8°13'30	9♌33	25° 9	6°37	18°47	2°28	3°28	16♌41	9° 5	10♊10	29♈11	28°30	0°22	n.a.	F 2
S 3	6 32 19	9°14'22	21°32	26°44	7°51	19°20	2°42	3°35	16°39	9° 7	10° 9	29° 0	28°27	0°29	n.a.	S 3
S 4	6 36 16	10°15'13	3♍24	28°20	9° 5	19°54	2°56	3°42	16°37	9° 9	10° 8	28°52	28°24	0°36	n.a.	S 4
M 5	6 40 12	11°16'03	15°14	29°56	10°19	20°28	3°10	3°49	16°35	9°11	10° 7	28°46	28°21	0°42	n.a.	M 5
T 6	6 44 9	12°16'51	27° 4	1♑34	11°33	21° 1	3°24	3°56	16°33	9°14	10° 6	28°43	28°18	0°49	n.a.	T 6
W 7	6 48 6	13°17'39	9♎ 1	3°12	12°47	21°35	3°38	4° 3	16°31	9°16	10° 5	28°D42	28°15	0°56	n.a.	W 7
T 8	6 52 2	14°18'25	21° 9	4°50	14° 1	22° 8	3°52	4°10	16°29	9°18	10° 4	28°42	28°11	1° 2	n.a.	T 8
F 9	6 55 59	15°19'11	3♏33	6°30	15°14	22°42	4° 6	4°17	16°27	9°20	10° 3	28°R42	28° 8	1° 9	n.a.	F 9
S 10	6 59 55	16°19'55	16°20	8°10	16°28	23°15	4°20	4°24	16°25	9°23	10° 2	28°40	28° 5	1°16	n.a.	S 10
S 11	7 3 52	17°20'38	29°32	9°52	17°42	23°48	4°35	4°32	16°23	9°25	10° 1	28°37	28° 2	1°23	n.a.	S 11
M12	7 7 48	18°21'19	13♐13	11°34	18°55	24°21	4°49	4°39	16°21	9°27	10° 0	28°31	27°59	1°29	n.a.	M12
T 13	7 11 45	19°21'59	27°22	13°17	20° 9	24°54	5° 3	4°46	16°19	9°29	9°59	28°22	27°55	1°36	n.a.	T 13
W14	7 15 41	20°22'38	11♑56	15° 0	21°23	25°27	5°17	4°53	16°16	9°32	9°58	28°12	27°52	1°43	n.a.	W14
T 15	7 19 38	21°23'16	26°48	16°45	22°36	25°59	5°31	5° 0	16°14	9°34	9°57	28° 0	27°49	1°49	n.a.	T 15
F 16	7 23 35	22°23'51	11♒49	18°30	23°49	26°32	5°46	5° 8	16°12	9°36	9°56	27°48	27°46	1°56	n.a.	F 16
S 17	7 27 31	23°24'25	26°50	20°17	25° 3	27° 4	6° 0	5°15	16° 9	9°38	9°56	27°38	27°43	2° 3	n.a.	S 17
S 18	7 31 28	24°24'56	11♓40	22° 4	26°16	27°37	6°14	5°22	16° 7	9°41	9°55	27°30	27°40	2° 9	n.a.	S 18
M19	7 35 24	25°25'26	26°14	23°52	27°29	28° 9	6°29	5°30	16° 5	9°43	9°54	27°26	27°36	2°16	n.a.	M19
T 20	7 39 21	26°25'54	10♈28	25°42	28°43	28°41	6°43	5°37	16° 2	9°45	9°53	27°24	27°33	2°23	n.a.	T 20
W21	7 43 17	27°26'19	24°20	27°31	29°56	29°13	6°57	5°44	16° 0	9°47	9°52	27°23	27°30	2°30	n.a.	W21
T 22	7 47 14	28°26'43	7♉52	29°22	1♓ 9	29°45	7°12	5°52	15°58	9°49	9°52	27°23	27°27	2°36	n.a.	T 22
F 23	7 51 10	29°27'04	21° 5	1♒14	2°22	0♏17	7°26	5°59	15°55	9°52	9°51	27°22	27°24	2°43	n.a.	F 23
S 24	7 55 7	0♒27'24	4♊ 2	3° 6	3°35	0°48	7°41	6° 6	15°53	9°54	9°50	27°19	27°21	2°50	n.a.	S 24
S 25	7 59 4	1°27'41	16°46	4°59	4°48	1°20	7°55	6°14	15°50	9°56	9°49	27°13	27°17	2°56	n.a.	S 25
M26	8 3 0	2°27'56	29°19	6°53	6° 0	1°51	8° 9	6°21	15°48	9°58	9°49	27° 4	27°14	3° 3	n.a.	M26
T 27	8 6 57	3°28'10	11♋42	8°47	7°13	2°22	8°24	6°28	15°45	10° 0	9°48	26°52	27°11	3°10	n.a.	T 27
W28	8 10 53	4°28'21	23°57	10°42	8°26	2°54	8°38	6°36	15°42	10° 2	9°47	26°38	27° 8	3°16	n.a.	W28
T 29	8 14 50	5°28'30	6♌ 4	12°37	9°38	3°25	8°53	6°43	15°40	10° 5	9°47	26°24	27° 5	3°23	n.a.	T 29
F 30	8 18 46	6°28'37	18° 4	14°32	10°51	3°55	9° 7	6°50	15°37	10° 7	9°46	26°10	27° 1	3°30	n.a.	F 30
S 31	8 22 43	7♒28'42	29♌59	16♒26	12♓ 3	4♏26	9♒22	6♒58	15♌35	10♑ 9	9♊45	25♈57	26♈58	3♍37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s32	25n51	5n 1	24 s51	1 s17	20 s44	1 s37	5 s46	1n34	20 s49	0 s56	20 s53	1 s16	16n45	0n46	23 s10	0n15	19n34	2 s43	11n24	11n 6	15n36			n.a.
F 2	23 29	22 50	4 57	25 0	1 22	20 24	1 37	5 59	1 34	20 45	0 56	20 51	1 16	16 46	0 46	23 10	0 15	19 34	2 43	11 19	11 5	15 33			n.a.
S 3	23 24	18 54	4 39	25 8	1 27	20 4	1 36	6 12	1 34	20 42	0 56	20 49	1 16	16 46	0 46	23 10	0 15	19 34	2 43	11 15	11 3	15 31			n.a.
S 4	23 20	14 15	4 9	25 15	1 31	19 44	1 35	6 25	1 34	20 39	0 56	20 48	1 16	16 47	0 46	23 10	0 15	19 34	2 43	11 12	11 2	15 28			n.a.
M 5	23 15	9 5	3 29	25 20	1 36	19 23	1 34	6 38	1 34	20 36	0 56	20 46	1 16	16 48	0 46	23 10	0 15	19 34	2 43	11 10	11 1	15 25			n.a.
T 6	23 10	3 37	2 39	25 23	1 40	19 1	1 33	6 51	1 34	20 32	0 56	20 44	1 16	16 48	0 46	23 10	0 15	19 34	2 42	11 9	11 0	15 22			n.a.
W 7	23 4	2 s 3	1 42	25 25	1 43	18 39	1 32	7 4	1 34	20 29	0 56	20 43	1 16	16 49	0 46	23 10	0 15	19 34	2 42	11 9	10 59	15 19			n.a.
T 8	22 57	7 44	0 40	25 25	1 47	18 17	1 31	7 16	1 34	20 26	0 56	20 41	1 16	16 49	0 46	23 9	0 15	19 34	2 42	11 9	10 58	15 16			n.a.
F 9	22 51	13 15	0 s26	25 24	1 50	17 53	1 30	7 29	1 34	20 22	0 56	20 39	1 16	16 50	0 46	23 9	0 15	19 33	2 42	11 9	10 56	15 13			n.a.
S 10	22 43	18 23	1 32	25 21	1 53	17 30	1 28	7 42	1 34	20 19	0 56	20 38	1 16	16 51	0 46	23 9	0 15	19 33	2 42	11 8	10 55	15 10			n.a.
S 11	22 36	22 50	2 35	25 17	1 55	17 6	1 27	7 54	1 34	20 16	0 56	20 36	1 16	16 51	0 46	23 9	0 15	19 33	2 42	11 7	10 54	15 8			n.a.
M12	22 28	26 10	3 32	25 10	1 57	16 41	1 26	8 6	1 33	20 12	0 56	20 34	1 16	16 52	0 47	23 9	0 15	19 33	2 42	11 5	10 53	15 5			n.a.
T 13	22 19	28 0	4 18	25 2	1 59	16 16	1 24	8 19	1 33	20 9	0 56	20 32	1 16	16 53	0 47	23 9	0 15	19 33	2 42	11 2	10 52	15 2			n.a.
W14	22 10	27 58	4 48	24 52	2 0	15 51	1 22	8 31	1 33	20 5	0 56	20 31	1 16	16 54	0 47	23 9	0 15	19 33	2 42	10 58	10 51	14 59			n.a.
T 15	22 1	25 57	5 0	24 40	2 1	15 25	1 21	8 43	1 33	20 2	0 56	20 29	1 16	16 54	0 47	23 8	0 15	19 33	2 42	10 53	10 50	14 56			n.a.
F 16	21 51	22 7	4 51	24 27	2 2	14 59	1 19	8 55	1 33	19 58	0 56	20 27	1 16	16 55	0 47	23 8	0 15	19 33	2 41	10 49	10 48	14 53			n.a.
S 17	21 41	16 49	4 22	24 11	2 2	14 33	1 17	9 7	1 33	19 55	0 56	20 25	1 16	16 56	0 47	23 8	0 15	19 33	2 41	10 46	10 47	14 50			n.a.
S 18	21 30	10 36	3 36	23 54	2 1	14 6	1 15	9 19	1 32	19 51	0 56	20 24	1 16	16 56	0 47	23 8	0 15	19 33	2 41	10 43	10 46	14 47			n.a.
M19	21 19	3 54	2 36	23 34	2 0	13 38	1 13	9 31	1 32	19 47	0 56	20 22	1 17	16 57	0 47	23 8	0 15	19 33	2 41	10 41	10 45	14 44			n.a.
T 20	21 8	2n51	1 28	23 13	1 59	13 11	1 11	9 42	1 32	19 44	0 56	20 20	1 17	16 58	0 47	23 8	0 15	19 33	2 41	10 40	10 44	14 41			n.a.
W21	20 56	9 18	0 16	22 49	1 57	12 43	1 9	9 54	1 32	19 40	0 56	20 18	1 17	16 59	0 47	23 7	0 15	19 33	2 41	10 40	10 43	14 38			n.a.
T 22	20 44	15 10	0n55	22 24	1 55	12 15	1 7	10 6	1 32	19 37	0 56	20 17	1 17	16 59	0 47	23 7	0 15	19 33	2 41	10 40	10 42	14 35			n.a.
F 23	20 31	20 12	2 2	21 57	1 52	11 46	1 5	10 17	1 31	19 33	0 56	20 15	1 17	17 0	0 47	23 7	0 15	19 33	2 41	10 40	10 40	14 33			n.a.
S 24	20 18	24 10	3 0	21 27	1 48	11 17	1 3	10 29	1 31	19 29	0 57	20 13	1 17	17 1	0 47	23 7	0 15	19 33	2 41	10 39	10 39	14 30			n.a.
S 25	20 5	26 52	3 49	20 56	1 44	10 48	1 0	10 40	1 31	19 25	0 57	20 11	1 17	17 2	0 47	23 7	0 15	19 33	2 41	10 36	10 38	14 27			n.a.
M26	19 51	28 10	4 26	20 23	1 39	10 19	0 58	10 51	1 31	19 22	0 57	20 9	1 17	17 3	0 47	23 7	0 15	19 33	2 40	10 33	10 37	14 24			n.a.
T 27	19 37	28 1	4 49	19 48	1 34	9 49	0 55	11 2	1 30	19 18	0 57	20 7	1 17	17 3	0 47	23 7	0 15	19 33	2 40	10 29	10 36	14 21			n.a.
W28	19 23	26 29	4 59	19 11	1 28	9 19	0 53	11 13	1 30	19 14	0 57	20 6	1 17	17 4	0 47	23 6	0 15	19 33	2 40	10 24	10 35	14 18			n.a.
T 29	19 8	23 45	4 55	18 32	1 21	8 49	0 50	11 24	1 30	19 10	0 57	20 4	1 17	17 5	0 47	23 6	0 15	19 33	2 40	10 18	10 33	14 15			n.a.
F 30	18 53	20 0	4 38	17 51	1 14	8 19	0 47	11 35	1 29	19 7	0 57	20 2	1 17	17 6	0 47	23 6	0 15	19 33	2 40	10 13	10 32	14 12			n.a.
S 31	18 s38	15n30	4n 9	17 s 9	1 s 6	7 s48	0 s44	11 s46	1n29	19 s 3	0 s57	20 s 0	1 s17	17n 6	0n47	23 s 6	0n15	19n33	2 s40	10n 9	10n31	14n 9			n.a.

Julian Day Number = 1610387.5, Delta T = 03h53m38s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'07, Lahiri = - 8°09'06 Julian Calendar 1 Jan. 304 BCE == Greg. Calendar 27 Dec. 305 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

FEBRUARY 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 39	8♒28'46	11♍50	18♒21	13♓16	4♏57	9♒36	7♒ 5	15°R32	10♑11	9°R45	25°R47	26♈55	3♍43	n.a.	S 1
M 2	8 30 36	9°28'47	23°38	20°15	14°28	5°27	9°51	7°13	15♌30	10°13	9♊44	25♈40	26°52	3°50	n.a.	M 2
T 3	8 34 33	10°28'47	5♎29	22° 8	15°40	5°57	10° 5	7°20	15°27	10°15	9°44	25°36	26°49	3°57	n.a.	T 3
W 4	8 38 29	11°28'45	17°25	23°59	16°52	6°27	10°20	7°27	15°24	10°17	9°43	25°34	26°46	4° 3	n.a.	W 4
T 5	8 42 26	12°28'41	29°31	25°49	18° 4	6°57	10°34	7°35	15°22	10°19	9°43	25°D34	26°42	4°10	n.a.	T 5
F 6	8 46 22	13°28'35	11♏52	27°37	19°16	7°27	10°49	7°42	15°19	10°21	9°42	25°R34	26°39	4°17	n.a.	F 6
S 7	8 50 19	14°28'28	24°34	29°22	20°28	7°57	11° 3	7°49	15°17	10°23	9°42	25°34	26°36	4°23	n.a.	S 7
S 8	8 54 15	15°28'19	7♐41	1♓ 4	21°40	8°26	11°17	7°57	15°14	10°25	9°41	25°32	26°33	4°30	n.a.	S 8
M 9	8 58 12	16°28'08	21°17	2°42	22°52	8°55	11°32	8° 4	15°11	10°27	9°41	25°28	26°30	4°37	n.a.	M 9
T 10	9 2 8	17°27'55	5♑23	4°16	24° 3	9°24	11°46	8°11	15° 9	10°29	9°41	25°21	26°27	4°43	n.a.	T 10
W11	9 6 5	18°27'41	19°58	5°46	25°15	9°53	12° 1	8°19	15° 6	10°31	9°40	25°12	26°23	4°50	n.a.	W11
T 12	9 10 2	19°27'24	4♒56	7°11	26°26	10°22	12°15	8°26	15° 3	10°32	9°40	25° 2	26°20	4°57	n.a.	T 12
F 13	9 13 58	20°27'06	20° 8	8°30	27°38	10°50	12°30	8°33	15° 1	10°34	9°40	24°52	26°17	5° 4	n.a.	F 13
S 14	9 17 55	21°26'45	5♓25	9°43	28°49	11°18	12°44	8°41	14°58	10°36	9°39	24°43	26°14	5°10	n.a.	S 14
S 15	9 21 51	22°26'22	20°34	10°49	0♈ 0	11°46	12°58	8°48	14°56	10°38	9°39	24°37	26°11	5°17	n.a.	S 15
M16	9 25 48	23°25'56	5♈27	11°49	1°11	12°14	13°13	8°55	14°53	10°40	9°39	24°33	26° 7	5°24	n.a.	M16
T 17	9 29 44	24°25'28	19°57	12°42	2°22	12°42	13°27	9° 2	14°51	10°42	9°39	24°D31	26° 4	5°30	n.a.	T 17
W18	9 33 41	25°24'58	4♉ 1	13°27	3°33	13° 9	13°41	9°10	14°48	10°43	9°38	24°32	26° 1	5°37	n.a.	W18
T 19	9 37 37	26°24'26	17°40	14° 5	4°44	13°36	13°56	9°17	14°45	10°45	9°38	24°32	25°58	5°44	n.a.	T 19
F 20	9 41 34	27°23'51	0♊55	14°34	5°54	14° 3	14°10	9°24	14°43	10°47	9°38	24°R32	25°55	5°50	n.a.	F 20
S 21	9 45 31	28°23'13	13°48	14°56	7° 5	14°30	14°24	9°31	14°40	10°48	9°38	24°31	25°52	5°57	n.a.	S 21
S 22	9 49 27	29°22'34	26°25	15°10	8°15	14°56	14°38	9°38	14°38	10°50	9°38	24°28	25°48	6° 4	n.a.	S 22
M23	9 53 24	0♓21'52	8♋47	15°R17	9°25	15°23	14°53	9°45	14°35	10°52	9°38	24°22	25°45	6°11	n.a.	M23
T 24	9 57 20	1°21'07	20°59	15°15	10°36	15°49	15° 7	9°52	14°33	10°53	9°38	24°14	25°42	6°17	n.a.	T 24
W25	10 1 17	2°20'20	3♌ 3	15° 7	11°46	16°14	15°21	9°59	14°30	10°55	9°38	24° 5	25°39	6°24	n.a.	W25
T 26	10 5 13	3°19'31	15° 1	14°51	12°55	16°40	15°35	10° 6	14°28	10°57	9°D38	23°55	25°36	6°31	n.a.	T 26
F 27	10 9 10	4°18'39	26°55	14°28	14° 5	17° 5	15°49	10°13	14°26	10°58	9°38	23°45	25°33	6°37	n.a.	F 27
S 28	10 13 6	5♓17'46	8♍46	14♓ 0	15♈15	17♏30	16♒ 3	10♒20	14♌23	11♑ 0	9♊38	23♈36	25♈29	6♍44	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s22	10n26	3n29	16s25	0s57	7s18	0s42	11s56	1n29	18s59	0s57	19s58	1s17	17n 7	0n47	23s 6	0n15	19n33	2s40	10n 5	10n30	14n 6			n.a.
M 2	18 6	5 0	2 40	15 41	0 48	6 47	0 39	12 7	1 28	18 55	0 57	19 56	1 17	17 8	0 47	23 6	0 15	19 33	2 40	10 3	10 29	14 3			n.a.
T 3	17 50	0s37	1 44	14 54	0 38	6 16	0 36	12 17	1 28	18 51	0 57	19 55	1 17	17 9	0 47	23 6	0 15	19 33	2 39	10 1	10 28	14 0			n.a.
W 4	17 33	6 15	0 43	14 7	0 28	5 45	0 33	12 28	1 27	18 47	0 57	19 53	1 17	17 10	0 47	23 5	0 15	19 33	2 39	10 0	10 26	13 57			n.a.
T 5	17 16	11 46	0s21	13 20	0 16	5 14	0 30	12 38	1 27	18 43	0 57	19 51	1 18	17 10	0 47	23 5	0 15	19 33	2 39	10 0	10 25	13 54			n.a.
F 6	16 59	16 56	1 25	12 32	0 5	4 42	0 27	12 48	1 27	18 39	0 57	19 49	1 18	17 11	0 47	23 5	0 14	19 33	2 39	10 0	10 24	13 51			n.a.
S 7	16 41	21 32	2 28	11 43	0n 7	4 11	0 24	12 58	1 26	18 35	0 57	19 47	1 18	17 12	0 47	23 5	0 14	19 33	2 39	10 0	10 23	13 48			n.a.
S 8	16 24	25 13	3 24	10 55	0 20	3 39	0 20	13 8	1 26	18 31	0 57	19 45	1 18	17 13	0 47	23 5	0 14	19 34	2 39	9 59	10 22	13 45			n.a.
M 9	16 6	27 37	4 11	10 7	0 33	3 8	0 17	13 18	1 25	18 27	0 58	19 44	1 18	17 14	0 47	23 5	0 14	19 34	2 39	9 58	10 21	13 42			n.a.
T 10	15 47	28 22	4 45	9 20	0 47	2 36	0 14	13 28	1 25	18 23	0 58	19 42	1 18	17 14	0 47	23 4	0 14	19 34	2 39	9 55	10 19	13 39			n.a.
W11	15 29	27 12	5 2	8 35	1 0	2 4	0 11	13 38	1 24	18 19	0 58	19 40	1 18	17 15	0 47	23 4	0 14	19 34	2 39	9 52	10 18	13 36			n.a.
T 12	15 10	24 5	4 58	7 50	1 14	1 32	0 7	13 47	1 24	18 15	0 58	19 38	1 18	17 16	0 47	23 4	0 14	19 34	2 38	9 48	10 17	13 33			n.a.
F 13	14 51	19 17	4 34	7 8	1 28	1 1	0 4	13 57	1 23	18 11	0 58	19 36	1 18	17 17	0 47	23 4	0 14	19 34	2 38	9 45	10 16	13 30			n.a.
S 14	14 32	13 12	3 50	6 28	1 41	0 29	0 0	14 6	1 22	18 7	0 58	19 34	1 18	17 17	0 47	23 4	0 14	19 34	2 38	9 41	10 15	13 27			n.a.
S 15	14 12	6 23	2 51	5 50	1 55	0n 3	0n 3	14 15	1 22	18 3	0 58	19 32	1 18	17 18	0 47	23 4	0 14	19 34	2 38	9 39	10 14	13 24			n.a.
M16	13 52	0n40	1 40	5 15	2 8	0 35	0 7	14 25	1 21	17 59	0 58	19 31	1 18	17 19	0 47	23 4	0 14	19 34	2 38	9 38	10 13	13 21			n.a.
T 17	13 33	7 31	0 24	4 43	2 21	1 7	0 10	14 34	1 21	17 55	0 58	19 29	1 19	17 20	0 47	23 3	0 14	19 34	2 38	9 37	10 11	13 18			n.a.
W18	13 12	13 48	0n51	4 14	2 33	1 38	0 14	14 43	1 20	17 51	0 58	19 27	1 19	17 21	0 47	23 3	0 14	19 34	2 38	9 37	10 10	13 15			n.a.
T 19	12 52	19 14	2 1	3 49	2 44	2 10	0 18	14 51	1 19	17 47	0 58	19 25	1 19	17 21	0 47	23 3	0 14	19 34	2 38	9 37	10 9	13 12			n.a.
F 20	12 32	23 33	3 2	3 27	2 55	2 42	0 21	15 0	1 19	17 43	0 58	19 23	1 19	17 22	0 47	23 3	0 14	19 34	2 37	9 37	10 8	13 9			n.a.
S 21	12 11	26 35	3 52	3 10	3 5	3 13	0 25	15 9	1 18	17 39	0 59	19 21	1 19	17 23	0 47	23 3	0 14	19 35	2 37	9 37	10 7	13 6			n.a.
S 22	11 50	28 11	4 30	2 56	3 14	3 45	0 29	15 17	1 17	17 35	0 59	19 20	1 19	17 23	0 47	23 3	0 14	19 35	2 37	9 36	10 6	13 3			n.a.
M23	11 29	28 20	4 55	2 47	3 21	4 16	0 32	15 26	1 16	17 30	0 59	19 18	1 19	17 24	0 47	23 3	0 14	19 35	2 37	9 33	10 4	13 0			n.a.
T 24	11 8	27 6	5 5	2 42	3 27	4 48	0 36	15 34	1 16	17 26	0 59	19 16	1 19	17 25	0 47	23 3	0 14	19 35	2 37	9 31	10 3	12 56			n.a.
W25	10 46	24 36	5 2	2 41	3 32	5 19	0 40	15 42	1 15	17 22	0 59	19 14	1 19	17 26	0 47	23 2	0 14	19 35	2 37	9 27	10 2	12 53			n.a.
T 26	10 25	21 4	4 45	2 44	3 35	5 50	0 44	15 51	1 14	17 18	0 59	19 12	1 20	17 26	0 47	23 2	0 14	19 35	2 37	9 23	10 1	12 50			n.a.
F 27	10 3	16 42	4 17	2 51	3 37	6 21	0 48	15 59	1 13	17 14	0 59	19 10	1 20	17 27	0 47	23 2	0 14	19 35	2 37	9 20	10 0	12 47			n.a.
S 28	9s41	11n43	3n37	3s 2	3n37	6n52	0n51	16s 6	1n12	17s10	0s59	19s 9	1s20	17n28	0n47	23s 2	0n14	19n35	2s36	9n17	9n58	12n44			n.a.

Julian Day Number = 1610418.5, Delta T = 03h53m37s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°16'02, Lahiri = - 8°09'02 Julian Calendar 1 Feb. 304 BCE == Greg. Calendar 27 Jan. 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

MARCH 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 17 3	6♓16'50	20♍36	13°R26	16♈24	17♏54	16♒17	10♒27	14°R21	11♉ 1	9♊38	23°R30	25♈26	6♍51	n.a.	S 1
M 2	10 20 59	7°15'52	2♎27	12♓48	17°34	18°19	16°31	10°34	14♌18	11° 3	9°38	23♈25	25°23	6°57	n.a.	M 2
T 3	10 24 56	8°14'52	14°21	12° 6	18°43	18°43	16°45	10°41	14°16	11° 4	9°38	23°23	25°20	7° 4	n.a.	T 3
W 4	10 28 53	9°13'50	26°21	11°21	19°52	19° 6	16°59	10°48	14°14	11° 5	9°38	23°D22	25°17	7°11	n.a.	W 4
T 5	10 32 49	10°12'46	8♏31	10°34	21° 1	19°30	17°13	10°55	14°11	11° 7	9°38	23°23	25°13	7°17	n.a.	T 5
F 6	10 36 46	11°11'40	20°55	9°46	22°10	19°53	17°27	11° 1	14° 9	11° 8	9°39	23°25	25°10	7°24	n.a.	F 6
S 7	10 40 42	12°10'33	3♐36	8°58	23°18	20°16	17°41	11° 8	14° 7	11°10	9°39	23°26	25° 7	7°31	n.a.	S 7
S 8	10 44 39	13° 9'23	16°40	8°11	24°27	20°38	17°55	11°15	14° 5	11°11	9°39	23°R26	25° 4	7°37	n.a.	S 8
M 9	10 48 35	14° 8'12	0♑ 8	7°26	25°35	21° 0	18° 8	11°21	14° 3	11°12	9°39	23°25	25° 1	7°44	n.a.	M 9
T 10	10 52 32	15° 6'59	14° 5	6°43	26°43	21°22	18°22	11°28	14° 1	11°13	9°40	23°22	24°58	7°51	n.a.	T 10
W11	10 56 28	16° 5'44	28°28	6° 4	27°51	21°43	18°36	11°35	13°58	11°15	9°40	23°18	24°54	7°58	n.a.	W11
T 12	11 0 25	17° 4'28	13♒16	5°28	28°59	22° 4	18°49	11°41	13°56	11°16	9°40	23°13	24°51	8° 4	n.a.	T 12
F 13	11 4 22	18° 3'09	28°21	4°56	0♉ 7	22°25	19° 3	11°47	13°54	11°17	9°41	23° 8	24°48	8°11	n.a.	F 13
S 14	11 8 18	19° 1'49	13♓35	4°29	1°15	22°45	19°16	11°54	13°52	11°18	9°41	23° 3	24°45	8°18	n.a.	S 14
S 15	11 12 15	20° 0'26	28°48	4° 6	2°22	23° 5	19°30	12° 0	13°50	11°19	9°41	23° 0	24°42	8°24	n.a.	S 15
M16	11 16 11	20°59'01	13♈49	3°49	3°29	23°24	19°43	12° 7	13°48	11°20	9°42	22°58	24°39	8°31	n.a.	M16
T 17	11 20 8	21°57'34	28°30	3°37	4°36	23°43	19°57	12°13	13°47	11°21	9°42	22°D58	24°35	8°38	n.a.	T 17
W18	11 24 4	22°56'05	12♉46	3°30	5°43	24° 2	20°10	12°19	13°45	11°22	9°43	22°59	24°32	8°44	n.a.	W18
T 19	11 28 1	23°54'34	26°36	3°D28	6°50	24°20	20°23	12°25	13°43	11°23	9°43	23° 0	24°29	8°51	n.a.	T 19
F 20	11 31 57	24°53'01	9♊59	3°31	7°56	24°37	20°36	12°31	13°41	11°24	9°44	23° 2	24°26	8°58	n.a.	F 20
S 21	11 35 54	25°51'25	22°57	3°39	9° 2	24°55	20°49	12°37	13°39	11°25	9°44	23°R 2	24°23	9° 4	n.a.	S 21
S 22	11 39 50	26°49'47	5♋35	3°53	10° 8	25°11	21° 2	12°44	13°38	11°26	9°45	23° 2	24°19	9°11	n.a.	S 22
M23	11 43 47	27°48'07	17°55	4°10	11°14	25°28	21°15	12°49	13°36	11°27	9°45	23° 1	24°16	9°18	n.a.	M23
T 24	11 47 44	28°46'25	0♌ 3	4°33	12°20	25°43	21°28	12°55	13°34	11°28	9°46	22°58	24°13	9°24	n.a.	T 24
W25	11 51 40	29°44'40	12° 1	5° 0	13°25	25°59	21°41	13° 1	13°33	11°29	9°46	22°55	24°10	9°31	n.a.	W25
T 26	11 55 37	0♈42'53	23°54	5°31	14°30	26°13	21°54	13° 7	13°31	11°29	9°47	22°51	24° 7	9°38	n.a.	T 26
F 27	11 59 33	1°41'05	5♍44	6° 6	15°35	26°28	22° 7	13°13	13°30	11°30	9°48	22°48	24° 4	9°45	n.a.	F 27
S 28	12 3 30	2°39'14	17°34	6°45	16°40	26°41	22°19	13°18	13°28	11°31	9°48	22°44	24° 0	9°51	n.a.	S 28
S 29	12 7 26	3°37'21	29°26	7°28	17°44	26°55	22°32	13°24	13°27	11°32	9°49	22°42	23°57	9°58	n.a.	S 29
M30	12 11 23	4°35'27	11♎23	8°14	18°48	27° 7	22°45	13°30	13°26	11°32	9°50	22°41	23°54	10° 5	n.a.	M30
T 31	12 15 19	5♈33'31	23♎25	9♓ 4	19♉52	27♏19	22♒57	13♒35	13♌24	11♉33	9♊51	22°D40	23♈51	10♍11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	9s19	6n20	2n47	3s17	3n35	7n22	0n55	16s14	1n11	17s 6	0s59	19s 7	1s20	17n28	0n47	23s 2	0n14	19n36	2s36	9n14		9n57		12n41			n.a.
M 2	8 57	0 42	1 51	3 35	3 32	7 53	0 59	16 22	1 10	17 1	1 0	19 5	1 20	17 29	0 47	23 2	0 14	19 36	2 36	9 12		9 56		12 38			n.a.
T 3	8 35	4s59	0 49	3 56	3 26	8 23	1 3	16 30	1 9	16 57	1 0	19 3	1 20	17 30	0 47	23 2	0 14	19 36	2 36	9 11		9 55		12 35			n.a.
W 4	8 12	10 33	0s16	4 20	3 19	8 53	1 7	16 37	1 8	16 53	1 0	19 1	1 20	17 30	0 47	23 2	0 14	19 36	2 36	9 11		9 54		12 32			n.a.
T 5	7 50	15 48	1 21	4 45	3 11	9 23	1 11	16 45	1 7	16 49	1 0	19 0	1 20	17 31	0 47	23 1	0 14	19 36	2 36	9 12		9 53		12 29			n.a.
F 6	7 27	20 31	2 24	5 13	3 1	9 53	1 14	16 52	1 6	16 45	1 0	18 58	1 20	17 32	0 47	23 1	0 14	19 36	2 36	9 12		9 51		12 26			n.a.
S 7	7 5	24 25	3 21	5 41	2 49	10 22	1 18	16 59	1 5	16 41	1 0	18 56	1 21	17 32	0 47	23 1	0 14	19 36	2 36	9 13		9 50		12 23			n.a.
S 8	6 42	27 11	4 9	6 11	2 37	10 51	1 22	17 6	1 4	16 36	1 0	18 54	1 21	17 33	0 47	23 1	0 14	19 37	2 36	9 13		9 49		12 20			n.a.
M 9	6 19	28 30	4 46	6 40	2 23	11 20	1 26	17 13	1 3	16 32	1 0	18 53	1 21	17 34	0 47	23 1	0 14	19 37	2 35	9 12		9 48		12 16			n.a.
T 10	5 56	28 4	5 7	7 10	2 9	11 49	1 30	17 20	1 2	16 28	1 1	18 51	1 21	17 34	0 47	23 1	0 14	19 37	2 35	9 11		9 47		12 13			n.a.
W11	5 33	25 46	5 10	7 38	1 54	12 17	1 33	17 27	1 0	16 24	1 1	18 49	1 21	17 35	0 47	23 1	0 14	19 37	2 35	9 10		9 46		12 10			n.a.
T 12	5 10	21 42	4 52	8 6	1 38	12 46	1 37	17 33	0 59	16 20	1 1	18 48	1 21	17 35	0 47	23 1	0 14	19 37	2 35	9 8		9 44		12 7			n.a.
F 13	4 47	16 10	4 14	8 33	1 22	13 13	1 41	17 40	0 58	16 16	1 1	18 46	1 21	17 36	0 47	23 1	0 14	19 37	2 35	9 6		9 43		12 4			n.a.
S 14	4 24	9 34	3 18	8 58	1 6	13 41	1 45	17 46	0 57	16 11	1 1	18 44	1 22	17 37	0 47	23 1	0 14	19 38	2 35	9 4		9 42		12 1			n.a.
S 15	4 0	2 26	2 8	9 21	0 50	14 8	1 48	17 53	0 55	16 7	1 1	18 43	1 22	17 37	0 47	23 0	0 14	19 38	2 35	9 3		9 41		11 58			n.a.
M16	3 37	4n45	0 50	9 42	0 35	14 35	1 52	17 59	0 54	16 3	1 1	18 41	1 22	17 38	0 47	23 0	0 14	19 38	2 35	9 2		9 40		11 55			n.a.
T 17	3 14	11 33	0n30	10 1	0 19	15 2	1 56	18 5	0 52	15 59	1 2	18 39	1 22	17 38	0 47	23 0	0 14	19 38	2 34	9 2		9 38		11 52			n.a.
W18	2 50	17 33	1 46	10 17	0 4	15 28	1 59	18 11	0 51	15 55	1 2	18 38	1 22	17 39	0 47	23 0	0 14	19 38	2 34	9 2		9 37		11 48			n.a.
T 19	2 27	22 27	2 54	10 32	0s11	15 54	2 3	18 17	0 49	15 51	1 2	18 36	1 22	17 39	0 46	23 0	0 14	19 38	2 34	9 3		9 36		11 45			n.a.
F 20	2 3	26 0	3 50	10 44	0 25	16 19	2 7	18 23	0 48	15 47	1 2	18 34	1 22	17 40	0 46	23 0	0 14	19 39	2 34	9 4		9 35		11 42			n.a.
S 21	1 40	28 4	4 32	10 54	0 39	16 44	2 10	18 29	0 46	15 43	1 2	18 33	1 23	17 40	0 46	23 0	0 14	19 39	2 34	9 4		9 34		11 39			n.a.
S 22	1 17	28 36	5 0	11 1	0 52	17 9	2 14	18 35	0 45	15 39	1 2	18 31	1 23	17 41	0 46	23 0	0 14	19 39	2 34	9 4		9 33		11 36			n.a.
M23	0 53	27 41	5 13	11 6	1 5	17 33	2 17	18 40	0 43	15 34	1 2	18 30	1 23	17 41	0 46	23 0	0 14	19 39	2 34	9 3		9 31		11 33			n.a.
T 24	0 30	25 27	5 11	11 9	1 16	17 57	2 20	18 46	0 41	15 30	1 3	18 28	1 23	17 42	0 46	23 0	0 14	19 39	2 34	9 2		9 30		11 30			n.a.
W25	0 6	22 8	4 57	11 9	1 27	18 20	2 24	18 51	0 39	15 26	1 3	18 27	1 23	17 42	0 46	23 0	0 14	19 40	2 34	9 1		9 29		11 26			n.a.
T 26	0n17	17 57	4 29	11 7	1 38	18 43	2 27	18 56	0 38	15 22	1 3	18 25	1 23	17 42	0 46	23 0	0 14	19 40	2 33	9 0		9 28		11 23			n.a.
F 27	0 41	13 5	3 50	11 3	1 48	19 6	2 30	19 1	0 36	15 18	1 3	18 24	1 24	17 43	0 46	23 0	0 14	19 40	2 33	8 58		9 27		11 20			n.a.
S 28	1 4	7 45	3 2	10 57	1 57	19 28	2 33	19 7	0 34	15 14	1 3	18 22	1 24	17 43	0 46	23 0	0 14	19 40	2 33	8 57		9 25		11 17			n.a.
S 29	1 27	2 8	2 5	10 48	2 5	19 50	2 36	19 12	0 32	15 10	1 3	18 21	1 24	17 44	0 46	22 59	0 14	19 40	2 33	8 56		9 24		11 14			n.a.
M30	1 51	3s36	1 2	10 37	2 12	20 11	2 39	19 16	0 30	15 6	1 4	18 19	1 24	17 44	0 46	22 59	0 14	19 41	2 33	8 56		9 23		11 11			n.a.
T 31	2n14	9s16	0s 4	10s25	2s19	20n31	2n42	19s21	0n28	15s 2	1s 4	18s18	1s24	17n44	0n46	22s59	0n14	19n41	2s33	8n56		9n22		11n 8			n.a.

Julian Day Number = 1610446.5, Delta T = 03h53m36s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'59, Lahiri = - 8°08'58 Julian Calendar 1 March 304 BCE == Greg. Calendar 24 Feb. 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

APRIL 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 19 16	6♈31'33	5♏36	9♓57	20♉55	27♏31	23♒10	13♒41	13°R23	11♑33	9♊51	22♈41	23♈48	10♍18	n.a.	W 1
T 2	12 23 13	7°29'33	17°57	10°53	21°59	27°42	23°22	13°46	13♌22	11°34	9°52	22°42	23°44	10°25	n.a.	T 2
F 3	12 27 9	8°27'32	0♐31	11°53	23° 2	27°52	23°34	13°51	13°21	11°34	9°53	22°43	23°41	10°31	n.a.	F 3
S 4	12 31 6	9°25'30	13°20	12°55	24° 5	28° 2	23°46	13°56	13°20	11°35	9°54	22°44	23°38	10°38	n.a.	S 4
S 5	12 35 2	10°23'26	26°28	14° 0	25° 7	28°11	23°58	14° 2	13°19	11°35	9°55	22°45	23°35	10°45	n.a.	S 5
M 6	12 38 59	11°21'21	9♑55	15° 8	26° 9	28°20	24°10	14° 7	13°18	11°36	9°56	22°R45	23°32	10°51	n.a.	M 6
T 7	12 42 55	12°19'14	23°44	16°18	27°11	28°27	24°22	14°12	13°17	11°36	9°56	22°45	23°29	10°58	n.a.	T 7
W 8	12 46 52	13°17'06	7♒54	17°31	28°12	28°35	24°34	14°17	13°16	11°37	9°57	22°45	23°25	11° 5	n.a.	W 8
T 9	12 50 48	14°14'57	22°25	18°47	29°14	28°41	24°46	14°22	13°15	11°37	9°58	22°44	23°22	11°11	n.a.	T 9
F 10	12 54 45	15°12'46	7♓11	20° 5	0♊14	28°47	24°58	14°27	13°14	11°37	9°59	22°43	23°19	11°18	n.a.	F 10
S 11	12 58 42	16°10'34	22° 8	21°25	1°15	28°52	25° 9	14°31	13°13	11°37	10° 0	22°42	23°16	11°25	n.a.	S 11
S 12	13 2 38	17° 8'20	7♈ 6	22°48	2°15	28°57	25°21	14°36	13°12	11°38	10° 1	22°42	23°13	11°31	n.a.	S 12
M13	13 6 35	18° 6'05	21°59	24°13	3°15	29° 0	25°32	14°41	13°12	11°38	10° 2	22°D41	23°10	11°38	n.a.	M13
T 14	13 10 31	19° 3'49	6♉38	25°40	4°14	29° 3	25°44	14°45	13°11	11°38	10° 3	22°42	23° 6	11°45	n.a.	T 14
W15	13 14 28	20° 1'31	20°57	27°10	5°13	29° 6	25°55	14°50	13°11	11°38	10° 4	22°42	23° 3	11°51	n.a.	W15
T 16	13 18 24	20°59'11	4♊52	28°42	6°12	29° 7	26° 6	14°54	13°10	11°38	10° 5	22°42	23° 0	11°58	n.a.	T 16
F 17	13 22 21	21°56'50	18°21	0♈15	7°10	29° 8	26°17	14°58	13°10	11°38	10° 6	22°42	22°57	12° 5	n.a.	F 17
S 18	13 26 17	22°54'28	1♋25	1°52	8° 8	29°R 8	26°28	15° 2	13° 9	11°R38	10° 7	22°R42	22°54	12°11	n.a.	S 18
S 19	13 30 14	23°52'03	14° 7	3°30	9° 5	29° 7	26°39	15° 7	13° 9	11°38	10° 9	22°42	22°50	12°18	n.a.	S 19
M20	13 34 11	24°49'37	26°30	5°10	10° 2	29° 6	26°50	15°11	13° 9	11°38	10°10	22°D42	22°47	12°25	n.a.	M20
T 21	13 38 7	25°47'10	8♌38	6°53	10°58	29° 4	27° 0	15°15	13° 8	11°38	10°11	22°42	22°44	12°32	n.a.	T 21
W22	13 42 4	26°44'41	20°36	8°38	11°54	29° 1	27°11	15°19	13° 8	11°38	10°12	22°42	22°41	12°38	n.a.	W22
T 23	13 46 0	27°42'10	2♍27	10°25	12°49	28°57	27°21	15°22	13° 8	11°38	10°13	22°43	22°38	12°45	n.a.	T 23
F 24	13 49 57	28°39'38	14°17	12°14	13°44	28°53	27°31	15°26	13° 8	11°38	10°14	22°43	22°35	12°52	n.a.	F 24
S 25	13 53 53	29°37'04	26° 8	14° 6	14°38	28°48	27°42	15°30	13°D 8	11°38	10°15	22°44	22°31	12°58	n.a.	S 25
S 26	13 57 50	0♉34'30	8♎ 5	15°59	15°32	28°42	27°52	15°33	13° 8	11°37	10°17	22°45	22°28	13° 5	n.a.	S 26
M27	14 1 46	1°31'54	20° 9	17°55	16°25	28°35	28° 2	15°37	13° 8	11°37	10°18	22°R45	22°25	13°12	n.a.	M27
T 28	14 5 43	2°29'17	2♏23	19°53	17°17	28°28	28°12	15°40	13° 8	11°37	10°19	22°45	22°22	13°18	n.a.	T 28
W29	14 9 40	3°26'38	14°49	21°52	18° 9	28°20	28°21	15°44	13° 8	11°36	10°20	22°44	22°19	13°25	n.a.	W29
T 30	14 13 36	4♉23'59	27♏28	23♈54	19♊ 0	28♏11	28♒31	15♒47	13♌ 8	11♑36	10♊22	22♈43	22♈16	13♍32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n37	14s40	1s11	10s10	2s25	20n52	2n45	19s26	0n26	14s58	1s 4	18s16	1s24	17n45	0n46	22s59	0n14	19n41	2s33	8n56	9n21	11n 4		n.a.
T 2	3 1	19 33	2 15	9 54	2 31	21 11	2 48	19 31	0 23	14 54	1 4	18 15	1 25	17 45	0 46	22 59	0 14	19 41	2 33	8 56	9 20	11 1		n.a.
F 3	3 24	23 41	3 14	9 35	2 36	21 30	2 51	19 35	0 21	14 50	1 4	18 13	1 25	17 45	0 46	22 59	0 14	19 42	2 32	8 57	9 18	10 58		n.a.
S 4	3 47	26 44	4 5	9 15	2 40	21 49	2 53	19 40	0 19	14 47	1 5	18 12	1 25	17 46	0 46	22 59	0 14	19 42	2 32	8 57	9 17	10 55		n.a.
S 5	4 10	28 25	4 44	8 52	2 43	22 7	2 56	19 44	0 17	14 43	1 5	18 11	1 25	17 46	0 46	22 59	0 14	19 42	2 32	8 57	9 16	10 52		n.a.
M 6	4 33	28 29	5 9	8 28	2 46	22 25	2 58	19 48	0 14	14 39	1 5	18 9	1 25	17 46	0 46	22 59	0 14	19 42	2 32	8 57	9 15	10 49		n.a.
T 7	4 56	26 49	5 17	8 3	2 48	22 42	3 1	19 52	0 12	14 35	1 5	18 8	1 26	17 46	0 46	22 59	0 14	19 43	2 32	8 57	9 14	10 45		n.a.
W 8	5 18	23 26	5 6	7 35	2 50	22 59	3 3	19 56	0 9	14 31	1 5	18 7	1 26	17 47	0 46	22 59	0 14	19 43	2 32	8 57	9 12	10 42		n.a.
T 9	5 41	18 32	4 35	7 6	2 50	23 15	3 5	20 0	0 7	14 27	1 6	18 5	1 26	17 47	0 46	22 59	0 14	19 43	2 32	8 57	9 11	10 39		n.a.
F 10	6 4	12 28	3 46	6 35	2 51	23 30	3 7	20 4	0 4	14 24	1 6	18 4	1 26	17 47	0 46	22 59	0 14	19 43	2 32	8 56	9 10	10 36		n.a.
S 11	6 26	5 38	2 42	6 3	2 50	23 45	3 9	20 8	0 1	14 20	1 6	18 3	1 26	17 47	0 46	22 59	0 14	19 44	2 32	8 56	9 9	10 33		n.a.
S 12	6 49	1n33	1 25	5 28	2 49	23 59	3 11	20 12	0s 1	14 16	1 6	18 2	1 26	17 47	0 46	22 59	0 14	19 44	2 31	8 56	9 8	10 29		n.a.
M13	7 11	8 36	0 4	4 53	2 47	24 13	3 13	20 15	0 4	14 12	1 6	18 1	1 27	17 48	0 46	22 59	0 14	19 44	2 31	8 56	9 6	10 26		n.a.
T 14	7 33	15 6	1n17	4 16	2 45	24 26	3 15	20 19	0 7	14 9	1 7	17 59	1 27	17 48	0 46	22 59	0 14	19 44	2 31	8 56	9 5	10 23		n.a.
W15	7 55	20 38	2 30	3 37	2 42	24 39	3 16	20 22	0 10	14 5	1 7	17 58	1 27	17 48	0 46	22 59	0 14	19 45	2 31	8 56	9 4	10 20		n.a.
T 16	8 17	24 52	3 33	2 57	2 39	24 51	3 18	20 25	0 13	14 1	1 7	17 57	1 27	17 48	0 46	22 59	0 14	19 45	2 31	8 56	9 3	10 17		n.a.
F 17	8 39	27 34	4 22	2 16	2 35	25 3	3 19	20 28	0 16	13 58	1 7	17 56	1 27	17 48	0 46	22 59	0 14	19 45	2 31	8 56	9 2	10 13		n.a.
S 18	9 1	28 39	4 56	1 33	2 30	25 13	3 20	20 31	0 19	13 54	1 7	17 55	1 28	17 48	0 46	22 59	0 14	19 45	2 31	8 56	9 1	10 10		n.a.
S 19	9 22	28 10	5 14	0 48	2 25	25 24	3 21	20 34	0 22	13 51	1 8	17 54	1 28	17 48	0 45	22 59	0 14	19 46	2 31	8 56	8 59	10 7		n.a.
M20	9 44	26 17	5 17	0 3	2 19	25 33	3 22	20 37	0 26	13 47	1 8	17 53	1 28	17 48	0 45	22 59	0 14	19 46	2 31	8 56	8 58	10 4		n.a.
T 21	10 5	23 13	5 5	0n44	2 13	25 43	3 23	20 40	0 29	13 44	1 8	17 52	1 28	17 48	0 45	22 59	0 14	19 46	2 31	8 56	8 57	10 0		n.a.
W22	10 26	19 14	4 41	1 32	2 7	25 51	3 23	20 43	0 32	13 40	1 8	17 51	1 28	17 48	0 45	22 59	0 14	19 46	2 30	8 56	8 56	9 57		n.a.
T 23	10 47	14 31	4 4	2 21	1 59	25 59	3 24	20 45	0 36	13 37	1 9	17 50	1 29	17 48	0 45	22 59	0 14	19 47	2 30	8 56	8 55	9 54		n.a.
F 24	11 8	9 18	3 18	3 11	1 52	26 6	3 24	20 47	0 39	13 33	1 9	17 49	1 29	17 48	0 45	22 59	0 14	19 47	2 30	8 57	8 53	9 51		n.a.
S 25	11 28	3 44	2 22	4 2	1 43	26 13	3 24	20 50	0 43	13 30	1 9	17 48	1 29	17 48	0 45	22 59	0 14	19 47	2 30	8 57	8 52	9 48		n.a.
S 26	11 49	2s 1	1 20	4 55	1 35	26 19	3 24	20 52	0 46	13 27	1 9	17 47	1 29	17 48	0 45	22 59	0 14	19 47	2 30	8 57	8 51	9 44		n.a.
M27	12 9	7 45	0 14	5 48	1 26	26 25	3 24	20 54	0 50	13 23	1 9	17 46	1 30	17 48	0 45	22 59	0 14	19 48	2 30	8 57	8 50	9 41		n.a.
T 28	12 29	13 17	0s53	6 41	1 16	26 30	3 24	20 56	0 53	13 20	1 10	17 46	1 30	17 48	0 45	22 59	0 14	19 48	2 30	8 57	8 49	9 38		n.a.
W29	12 49	18 23	1 59	7 36	1 7	26 34	3 23	20 58	0 57	13 17	1 10	17 45	1 30	17 48	0 45	22 59	0 14	19 48	2 30	8 57	8 47	9 35		n.a.
T 30	13n 9	22s46	3s 1	8n30	0s57	26n38	3n23	20s59	1s 1	13s14	1s10	17s44	1s30	17n48	0n45	22s59	0n14	19n48	2s30	8n57	8n46	9n31		n.a.

Julian Day Number = 1610477.5, Delta T = 03h53m35s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'54, Lahiri = - 8°08'54 Julian Calendar 1 Apr. 304 BCE == Greg. Calendar 27 March 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

MAY 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 17 33	5♉21'19	10♐20	25♈57	19♊51	28°R 2	28♒41	15♒50	13♌ 9	11°R36	10♊23	22°R41	22♈12	13♍38	n.a.	F 1
S 2	14 21 29	6°18'39	23°26	28° 2	20°41	27♏51	28°50	15°53	13° 9	11♑35	10°24	22♈40	22° 9	13°45	n.a.	S 2
S 3	14 25 26	7°15'57	6♑47	0♉ 9	21°30	27°41	28°59	15°56	13°10	11°35	10°26	22°38	22° 6	13°52	n.a.	S 3
M 4	14 29 22	8°13'15	20°22	2°17	22°18	27°29	29° 9	15°59	13°10	11°34	10°27	22°37	22° 3	13°58	n.a.	M 4
T 5	14 33 19	9°10'32	4♒12	4°27	23° 5	27°17	29°18	16° 2	13°10	11°34	10°28	22°D36	22° 0	14° 5	n.a.	T 5
W 6	14 37 15	10° 7'49	18°16	6°37	23°52	27° 4	29°27	16° 4	13°11	11°33	10°30	22°36	21°56	14°12	n.a.	W 6
T 7	14 41 12	11° 5'05	2♓31	8°48	24°38	26°51	29°35	16° 7	13°12	11°33	10°31	22°37	21°53	14°18	n.a.	T 7
F 8	14 45 9	12° 2'21	16°57	11° 0	25°23	26°37	29°44	16° 9	13°12	11°32	10°32	22°38	21°50	14°25	n.a.	F 8
S 9	14 49 5	12°59'36	1♈30	13°11	26° 7	26°22	29°53	16°12	13°13	11°32	10°34	22°39	21°47	14°32	n.a.	S 9
S 10	14 53 2	13°56'50	16° 5	15°23	26°50	26° 7	0♓ 1	16°14	13°14	11°31	10°35	22°R40	21°44	14°38	n.a.	S 10
M11	14 56 58	14°54'04	0♉36	17°34	27°32	25°51	0° 9	16°16	13°15	11°30	10°36	22°40	21°41	14°45	n.a.	M11
T 12	15 0 55	15°51'18	14°59	19°45	28°13	25°35	0°18	16°18	13°15	11°29	10°38	22°39	21°37	14°52	n.a.	T 12
W13	15 4 51	16°48'31	29° 7	21°55	28°54	25°18	0°26	16°21	13°16	11°29	10°39	22°37	21°34	14°58	n.a.	W13
T 14	15 8 48	17°45'43	12♊56	24° 4	29°33	25° 2	0°33	16°22	13°17	11°28	10°41	22°33	21°31	15° 5	n.a.	T 14
F 15	15 12 44	18°42'55	26°24	26°12	0♋11	24°44	0°41	16°24	13°18	11°27	10°42	22°29	21°28	15°12	n.a.	F 15
S 16	15 16 41	19°40'06	9♋30	28°18	0°47	24°27	0°49	16°26	13°19	11°26	10°43	22°26	21°25	15°18	n.a.	S 16
S 17	15 20 38	20°37'16	22°14	0♊22	1°23	24° 9	0°56	16°28	13°21	11°25	10°45	22°22	21°22	15°25	n.a.	S 17
M18	15 24 34	21°34'25	4♌38	2°25	1°57	23°51	1° 3	16°29	13°22	11°25	10°46	22°20	21°18	15°32	n.a.	M18
T 19	15 28 31	22°31'34	16°48	4°26	2°30	23°33	1°11	16°31	13°23	11°24	10°48	22°18	21°15	15°38	n.a.	T 19
W20	15 32 27	23°28'42	28°46	6°25	3° 1	23°14	1°18	16°32	13°24	11°23	10°49	22°D18	21°12	15°45	n.a.	W20
T 21	15 36 24	24°25'49	10♍37	8°22	3°32	22°56	1°24	16°33	13°26	11°22	10°51	22°19	21° 9	15°52	n.a.	T 21
F 22	15 40 20	25°22'56	22°27	10°17	4° 0	22°37	1°31	16°34	13°27	11°21	10°52	22°21	21° 6	15°58	n.a.	F 22
S 23	15 44 17	26°20'02	4♎21	12° 9	4°27	22°19	1°38	16°35	13°28	11°20	10°54	22°23	21° 2	16° 5	n.a.	S 23
S 24	15 48 13	27°17'08	16°22	14° 0	4°53	22° 1	1°44	16°36	13°30	11°19	10°55	22°R24	20°59	16°12	n.a.	S 24
M25	15 52 10	28°14'14	28°34	15°48	5°16	21°42	1°50	16°37	13°31	11°18	10°57	22°24	20°56	16°18	n.a.	M25
T 26	15 56 7	29°11'19	11♏ 1	17°34	5°38	21°24	1°56	16°38	13°33	11°17	10°58	22°22	20°53	16°25	n.a.	T 26
W27	16 0 3	0♊ 8'24	23°43	19°18	5°59	21° 6	2° 2	16°39	13°35	11°15	11° 0	22°19	20°50	16°32	n.a.	W27
T 28	16 4 0	1° 5'28	6♐42	21° 0	6°17	20°49	2° 8	16°39	13°36	11°14	11° 1	22°14	20°47	16°38	n.a.	T 28
F 29	16 7 56	2° 2'33	19°58	22°39	6°34	20°31	2°14	16°40	13°38	11°13	11° 3	22° 8	20°43	16°45	n.a.	F 29
S 30	16 11 53	2°59'38	3♑28	24°17	6°48	20°14	2°19	16°40	13°40	11°12	11° 4	22° 2	20°40	16°52	n.a.	S 30
S 31	16 15 49	3♊56'43	17♑11	25♊52	7♋ 1	19♏57	2♓24	16♒40	13♌41	11♑11	11♊ 6	21♈55	20♈37	16♍58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n28	26s 8	3s54	9n26	0s46	26n42	3n22	21s 1	1s 5	13s11	1s10	17s43	1s30	17n48	0n45	22s59	0n14	19n49	2s30	8n56	8n45	9n28		n.a.
S 2	13 47	28 10	4 36	10 21	0 36	26 44	3 21	21 2	1 8	13 7	1 11	17 43	1 31	17 48	0 45	22 59	0 14	19 49	2 30	8 55	8 44	9 25		n.a.
S 3	14 6	28 37	5 4	11 16	0 25	26 46	3 19	21 4	1 12	13 4	1 11	17 42	1 31	17 47	0 45	22 59	0 14	19 49	2 29	8 55	8 43	9 22		n.a.
M 4	14 25	27 22	5 16	12 11	0 15	26 48	3 18	21 5	1 16	13 1	1 11	17 41	1 31	17 47	0 45	22 59	0 14	19 50	2 29	8 54	8 41	9 18		n.a.
T 5	14 44	24 27	5 9	13 6	0 4	26 49	3 16	21 6	1 20	12 58	1 11	17 41	1 31	17 47	0 45	22 59	0 14	19 50	2 29	8 54	8 40	9 15		n.a.
W 6	15 2	20 3	4 45	14 0	0n 7	26 50	3 14	21 6	1 24	12 56	1 12	17 40	1 31	17 47	0 45	23 0	0 14	19 50	2 29	8 54	8 39	9 12		n.a.
T 7	15 20	14 28	4 3	14 53	0 17	26 50	3 12	21 7	1 28	12 53	1 12	17 39	1 32	17 47	0 45	23 0	0 14	19 50	2 29	8 54	8 38	9 9		n.a.
F 8	15 38	8 2	3 4	15 45	0 28	26 49	3 10	21 8	1 32	12 50	1 12	17 39	1 32	17 47	0 45	23 0	0 14	19 51	2 29	8 55	8 37	9 5		n.a.
S 9	15 56	1 8	1 54	16 35	0 38	26 48	3 7	21 8	1 36	12 47	1 13	17 38	1 32	17 46	0 45	23 0	0 14	19 51	2 29	8 55	8 35	9 2		n.a.
S 10	16 13	5n51	0 36	17 24	0 47	26 46	3 5	21 8	1 40	12 44	1 13	17 38	1 32	17 46	0 45	23 0	0 14	19 51	2 29	8 55	8 34	8 59		n.a.
M11	16 30	12 30	0n44	18 11	0 57	26 44	3 2	21 8	1 44	12 42	1 13	17 37	1 33	17 46	0 45	23 0	0 14	19 52	2 29	8 55	8 33	8 56		n.a.
T 12	16 47	18 26	2 0	18 56	1 5	26 42	2 58	21 8	1 48	12 39	1 13	17 37	1 33	17 45	0 45	23 0	0 14	19 52	2 29	8 55	8 32	8 52		n.a.
W13	17 4	23 15	3 7	19 39	1 14	26 39	2 55	21 8	1 52	12 36	1 14	17 37	1 33	17 45	0 45	23 0	0 14	19 52	2 29	8 54	8 31	8 49		n.a.
T 14	17 20	26 38	4 2	20 20	1 22	26 35	2 51	21 8	1 56	12 34	1 14	17 36	1 33	17 45	0 45	23 0	0 14	19 52	2 28	8 53	8 29	8 46		n.a.
F 15	17 36	28 23	4 42	20 59	1 29	26 31	2 47	21 8	2 0	12 31	1 14	17 36	1 34	17 44	0 45	23 0	0 14	19 53	2 28	8 51	8 28	8 42		n.a.
S 16	17 52	28 28	5 5	21 34	1 35	26 27	2 43	21 7	2 4	12 29	1 14	17 36	1 34	17 44	0 44	23 0	0 14	19 53	2 28	8 50	8 27	8 39		n.a.
S 17	18 8	27 1	5 13	22 8	1 41	26 22	2 38	21 6	2 8	12 26	1 15	17 35	1 34	17 44	0 44	23 0	0 14	19 53	2 28	8 49	8 26	8 36		n.a.
M18	18 23	24 17	5 6	22 38	1 46	26 16	2 33	21 6	2 12	12 24	1 15	17 35	1 34	17 43	0 44	23 0	0 14	19 54	2 28	8 48	8 25	8 33		n.a.
T 19	18 38	20 31	4 45	23 6	1 51	26 10	2 28	21 5	2 16	12 22	1 15	17 35	1 34	17 43	0 44	23 0	0 14	19 54	2 28	8 47	8 23	8 29		n.a.
W20	18 52	15 59	4 12	23 32	1 55	26 4	2 22	21 4	2 20	12 19	1 16	17 35	1 35	17 43	0 44	23 1	0 14	19 54	2 28	8 47	8 22	8 26		n.a.
T 21	19 7	10 53	3 29	23 54	1 58	25 58	2 17	21 3	2 23	12 17	1 16	17 34	1 35	17 42	0 44	23 1	0 14	19 54	2 28	8 48	8 21	8 23		n.a.
F 22	19 21	5 25	2 36	24 15	2 0	25 51	2 10	21 1	2 27	12 15	1 16	17 34	1 35	17 42	0 44	23 1	0 14	19 55	2 28	8 48	8 20	8 19		n.a.
S 23	19 34	0s16	1 37	24 32	2 2	25 43	2 4	21 0	2 31	12 13	1 16	17 34	1 35	17 41	0 44	23 1	0 14	19 55	2 28	8 49	8 19	8 16		n.a.
S 24	19 48	6 0	0 33	24 47	2 3	25 36	1 57	20 59	2 35	12 11	1 17	17 34	1 36	17 41	0 44	23 1	0 14	19 55	2 28	8 49	8 17	8 13		n.a.
M25	20 1	11 37	0s34	25 0	2 3	25 28	1 50	20 57	2 38	12 9	1 17	17 34	1 36	17 40	0 44	23 1	0 14	19 55	2 28	8 49	8 16	8 10		n.a.
T 26	20 13	16 53	1 40	25 11	2 2	25 19	1 42	20 56	2 42	12 7	1 17	17 34	1 36	17 40	0 44	23 1	0 14	19 56	2 28	8 49	8 15	8 6		n.a.
W27	20 26	21 33	2 42	25 19	2 1	25 10	1 35	20 54	2 45	12 5	1 18	17 34	1 36	17 39	0 44	23 1	0 14	19 56	2 28	8 47	8 14	8 3		n.a.
T 28	20 38	25 16	3 37	25 25	2 0	25 1	1 26	20 53	2 48	12 3	1 18	17 34	1 37	17 39	0 44	23 1	0 14	19 56	2 27	8 46	8 12	8 0		n.a.
F 29	20 50	27 42	4 22	25 29	1 57	24 52	1 18	20 51	2 52	12 2	1 18	17 34	1 37	17 38	0 44	23 1	0 14	19 57	2 27	8 43	8 11	7 56		n.a.
S 30	21 1	28 34	4 53	25 31	1 54	24 42	1 9	20 50	2 55	12 0	1 19	17 34	1 37	17 38	0 44	23 1	0 14	19 57	2 27	8 41	8 10	7 53		n.a.
S 31	21n12	27s42	5s 8	25n31	1n51	24n32	1n 0	20s48	2s58	11s58	1s19	17s35	1s37	17n37	0n44	23s 2	0n14	19n57	2s27	8n39	8n 9	7n50		n.a.

Julian Day Number = 1610507.5, Delta T = 03h53m34s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'50, Lahiri = - 8°08'50 Julian Calendar 1 May 304 BCE == Greg. Calendar 26 Apr. 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

JUNE 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 19 46	4♊53'48	1♒ 4	27♊24	7♋12	19°R41	2♓29	16♒40	13♌43	11°R10	11♊ 7	21°R50	20♈34	17♍ 5	n.a.	M 1
T 2	16 23 43	5°50'53	15° 4	28°55	7°20	19♏25	2°34	16°R40	13°45	11♑ 8	11° 9	21♈47	20°31	17°12	n.a.	T 2
W 3	16 27 39	6°47'59	29°11	0♋23	7°26	19° 9	2°39	16°40	13°47	11° 7	11°10	21°45	20°27	17°18	n.a.	W 3
T 4	16 31 36	7°45'05	13♓20	1°49	7°31	18°54	2°44	16°40	13°49	11° 6	11°12	21°D45	20°24	17°25	n.a.	T 4
F 5	16 35 32	8°42'12	27°32	3°13	7°R32	18°40	2°48	16°40	13°51	11° 5	11°13	21°46	20°21	17°32	n.a.	F 5
S 6	16 39 29	9°39'19	11♈44	4°34	7°32	18°26	2°52	16°40	13°53	11° 3	11°15	21°47	20°18	17°39	n.a.	S 6
S 7	16 43 25	10°36'26	25°54	5°53	7°29	18°13	2°56	16°39	13°55	11° 2	11°16	21°R47	20°15	17°45	n.a.	S 7
M 8	16 47 22	11°33'34	9♉59	7° 9	7°24	18° 0	3° 0	16°39	13°58	11° 1	11°18	21°46	20°12	17°52	n.a.	M 8
T 9	16 51 18	12°30'42	23°58	8°23	7°17	17°48	3° 4	16°38	14° 0	10°59	11°19	21°42	20° 8	17°59	n.a.	T 9
W10	16 55 15	13°27'51	7♊45	9°34	7° 7	17°37	3° 7	16°37	14° 2	10°58	11°21	21°36	20° 5	18° 5	n.a.	W10
T 11	16 59 12	14°25'01	21°19	10°43	6°55	17°26	3°11	16°36	14° 4	10°56	11°22	21°28	20° 2	18°12	n.a.	T 11
F 12	17 3 8	15°22'10	4♋36	11°49	6°40	17°16	3°14	16°35	14° 7	10°55	11°24	21°19	19°59	18°19	n.a.	F 12
S 13	17 7 5	16°19'20	17°34	12°52	6°23	17° 7	3°17	16°34	14° 9	10°54	11°25	21°10	19°56	18°25	n.a.	S 13
S 14	17 11 1	17°16'31	0♌14	13°52	6° 4	16°59	3°20	16°33	14°12	10°52	11°27	21° 2	19°53	18°32	n.a.	S 14
M15	17 14 58	18°13'41	12°37	14°50	5°43	16°52	3°22	16°32	14°14	10°51	11°29	20°54	19°49	18°39	n.a.	M15
T 16	17 18 54	19°10'52	24°45	15°44	5°19	16°45	3°25	16°31	14°17	10°49	11°30	20°49	19°46	18°45	n.a.	T 16
W17	17 22 51	20° 8'03	6♍42	16°35	4°54	16°39	3°27	16°29	14°19	10°48	11°32	20°46	19°43	18°52	n.a.	W17
T 18	17 26 48	21° 5'14	18°33	17°22	4°26	16°34	3°29	16°28	14°22	10°46	11°33	20°D45	19°40	18°59	n.a.	T 18
F 19	17 30 44	22° 2'26	0♎23	18° 6	3°57	16°30	3°31	16°26	14°24	10°45	11°35	20°45	19°37	19° 5	n.a.	F 19
S 20	17 34 41	22°59'38	12°17	18°46	3°26	16°27	3°32	16°24	14°27	10°43	11°36	20°46	19°33	19°12	n.a.	S 20
S 21	17 38 37	23°56'51	24°20	19°23	2°53	16°24	3°34	16°23	14°30	10°42	11°38	20°R46	19°30	19°19	n.a.	S 21
M22	17 42 34	24°54'04	6♏38	19°55	2°19	16°22	3°35	16°21	14°32	10°40	11°39	20°45	19°27	19°25	n.a.	M22
T 23	17 46 30	25°51'17	19°13	20°24	1°44	16°D22	3°36	16°19	14°35	10°39	11°41	20°42	19°24	19°32	n.a.	T 23
W24	17 50 27	26°48'32	2♐ 9	20°48	1° 8	16°22	3°37	16°17	14°38	10°37	11°42	20°36	19°21	19°39	n.a.	W24
T 25	17 54 23	27°45'47	15°26	21° 7	0°31	16°22	3°38	16°14	14°41	10°35	11°44	20°28	19°18	19°45	n.a.	T 25
F 26	17 58 20	28°43'02	29° 4	21°22	29♊54	16°24	3°38	16°12	14°44	10°34	11°45	20°18	19°14	19°52	n.a.	F 26
S 27	18 2 17	29°40'19	13♑ 0	21°32	29°17	16°27	3°38	16°10	14°46	10°32	11°47	20° 7	19°11	19°59	n.a.	S 27
S 28	18 6 13	0♋37'37	27°10	21°37	28°40	16°30	3°R38	16° 7	14°49	10°31	11°48	19°57	19° 8	20° 5	n.a.	S 28
M29	18 10 10	1°34'55	11♒27	21°R37	28° 3	16°34	3°38	16° 5	14°52	10°29	11°49	19°48	19° 5	20°12	n.a.	M29
T 30	18 14 6	2♋32'15	25♒48	21♋32	27♊26	16♏39	3♓38	16♒ 2	14♌55	10♑27	11♊51	19♈42	19♈ 2	20♍19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n23	25s 7	5s 5	25n29	1n46	24n22	0n50	20s46	3s 1	11s57	1s19	17s35	1s38	17n37	0n44	23s 2	0n14	19n57	2s27	8n37	8n 8	7n46		n.a.
T 2	21 33	21 2	4 44	25 25	1 41	24 11	0 40	20 45	3 4	11 55	1 20	17 35	1 38	17 36	0 44	23 2	0 14	19 58	2 27	8 35	8 6	7 43		n.a.
W 3	21 43	15 44	4 6	25 20	1 36	24 1	0 29	20 43	3 7	11 54	1 20	17 35	1 38	17 35	0 44	23 2	0 14	19 58	2 27	8 35	8 5	7 40		n.a.
T 4	21 52	9 35	3 12	25 13	1 30	23 50	0 19	20 42	3 10	11 52	1 20	17 35	1 38	17 35	0 44	23 2	0 14	19 58	2 27	8 35	8 4	7 36		n.a.
F 5	22 1	2 56	2 7	25 5	1 24	23 38	0 7	20 40	3 12	11 51	1 20	17 36	1 38	17 34	0 44	23 2	0 14	19 58	2 27	8 35	8 3	7 33		n.a.
S 6	22 10	3n52	0 54	24 56	1 17	23 27	0s 4	20 38	3 15	11 50	1 21	17 36	1 39	17 34	0 44	23 2	0 14	19 59	2 27	8 35	8 2	7 30		n.a.
S 7	22 19	10 28	0n22	24 45	1 9	23 15	0 16	20 37	3 17	11 49	1 21	17 36	1 39	17 33	0 44	23 2	0 14	19 59	2 27	8 35	8 0	7 26		n.a.
M 8	22 27	16 31	1 36	24 33	1 1	23 3	0 28	20 36	3 20	11 47	1 21	17 37	1 39	17 32	0 44	23 3	0 14	19 59	2 27	8 35	7 59	7 23		n.a.
T 9	22 35	21 39	2 44	24 20	0 52	22 51	0 41	20 34	3 22	11 46	1 22	17 37	1 39	17 32	0 44	23 3	0 14	20 0	2 27	8 34	7 58	7 20		n.a.
W10	22 42	25 31	3 41	24 6	0 43	22 39	0 54	20 33	3 24	11 45	1 22	17 38	1 40	17 31	0 44	23 3	0 14	20 0	2 27	8 31	7 57	7 16		n.a.
T 11	22 49	27 51	4 25	23 51	0 34	22 26	1 7	20 32	3 26	11 44	1 22	17 38	1 40	17 30	0 44	23 3	0 14	20 0	2 27	8 28	7 56	7 13		n.a.
F 12	22 55	28 32	4 53	23 36	0 24	22 14	1 20	20 31	3 28	11 44	1 23	17 39	1 40	17 29	0 44	23 3	0 14	20 0	2 27	8 25	7 54	7 10		n.a.
S 13	23 1	27 36	5 5	23 19	0 13	22 1	1 34	20 30	3 30	11 43	1 23	17 39	1 40	17 29	0 44	23 3	0 14	20 1	2 27	8 21	7 53	7 6		n.a.
S 14	23 7	25 15	5 2	23 3	0 2	21 48	1 48	20 30	3 32	11 42	1 23	17 40	1 41	17 28	0 43	23 3	0 14	20 1	2 26	8 18	7 52	7 3		n.a.
M15	23 12	21 46	4 44	22 45	0s 9	21 35	2 2	20 29	3 34	11 42	1 24	17 40	1 41	17 27	0 43	23 3	0 14	20 1	2 26	8 15	7 51	7 0		n.a.
T 16	23 17	17 25	4 14	22 27	0 20	21 22	2 16	20 29	3 35	11 41	1 24	17 41	1 41	17 26	0 43	23 4	0 14	20 1	2 26	8 14	7 49	6 56		n.a.
W17	23 22	12 27	3 33	22 9	0 32	21 9	2 30	20 28	3 37	11 40	1 24	17 42	1 41	17 26	0 43	23 4	0 14	20 2	2 26	8 12	7 48	6 53		n.a.
T 18	23 26	7 5	2 43	21 51	0 45	20 56	2 44	20 28	3 38	11 40	1 25	17 42	1 41	17 25	0 43	23 4	0 14	20 2	2 26	8 12	7 47	6 50		n.a.
F 19	23 30	1 29	1 47	21 33	0 57	20 42	2 58	20 28	3 40	11 40	1 25	17 43	1 42	17 24	0 43	23 4	0 14	20 2	2 26	8 12	7 46	6 46		n.a.
S 20	23 33	4s13	0 45	21 14	1 10	20 29	3 12	20 29	3 41	11 39	1 25	17 44	1 42	17 23	0 43	23 4	0 14	20 2	2 26	8 12	7 45	6 43		n.a.
S 21	23 36	9 51	0s19	20 56	1 23	20 16	3 26	20 29	3 42	11 39	1 26	17 45	1 42	17 22	0 43	23 4	0 14	20 3	2 26	8 12	7 43	6 40		n.a.
M22	23 38	15 12	1 24	20 38	1 37	20 3	3 40	20 30	3 43	11 39	1 26	17 45	1 42	17 22	0 43	23 4	0 14	20 3	2 26	8 12	7 42	6 36		n.a.
T 23	23 40	20 4	2 25	20 21	1 50	19 50	3 54	20 30	3 44	11 39	1 26	17 46	1 43	17 21	0 43	23 4	0 14	20 3	2 26	8 11	7 41	6 33		n.a.
W24	23 42	24 8	3 21	20 4	2 4	19 37	4 7	20 31	3 45	11 39	1 27	17 47	1 43	17 20	0 43	23 5	0 14	20 3	2 26	8 8	7 40	6 30		n.a.
T 25	23 43	27 2	4 8	19 47	2 18	19 24	4 20	20 32	3 46	11 39	1 27	17 48	1 43	17 19	0 43	23 5	0 14	20 4	2 26	8 5	7 39	6 26		n.a.
F 26	23 44	28 26	4 42	19 31	2 31	19 12	4 32	20 33	3 47	11 39	1 27	17 49	1 43	17 18	0 43	23 5	0 14	20 4	2 26	8 2	7 37	6 23		n.a.
S 27	23 44	28 4	5 0	19 16	2 45	19 0	4 44	20 35	3 47	11 39	1 28	17 50	1 43	17 17	0 43	23 5	0 14	20 4	2 26	7 58	7 36	6 20		n.a.
S 28	23 44	25 53	5 0	19 2	2 58	18 48	4 56	20 36	3 48	11 40	1 28	17 51	1 44	17 16	0 43	23 5	0 14	20 4	2 26	7 54	7 35	6 16		n.a.
M29	23 43	22 3	4 41	18 49	3 11	18 37	5 7	20 38	3 49	11 40	1 28	17 52	1 44	17 16	0 43	23 5	0 14	20 5	2 26	7 50	7 34	6 13		n.a.
T 30	23n43	16s54	4s 5	18n38	3s24	18n26	5s17	20s40	3s49	11s40	1s29	17s53	1s44	17n15	0n43	23s 5	0n14	20n 5	2s26	7n48	7n32	6n 9		n.a.

Julian Day Number = 1610538.5, Delta T = 03h53m33s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'46, Lahiri = - 8°08'46 Julian Calendar 1 June 304 BCE == Greg. Calendar 27 May 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

JULY 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 18 3	3♋29'36	10♓ 7	21°R22	26°R51	16♏45	3°R37	16°R 0	14♌58	10°R26	11♊52	19°R38	18♈59	20♍25	n.a.	W 1
T 2	18 21 59	4°26'58	24°22	21♋ 7	26♊16	16°51	3♓37	15♒57	15° 1	10♑24	11°54	19♈36	18°55	20°32	n.a.	T 2
F 3	18 25 56	5°24'22	8♈29	20°46	25°42	16°59	3°36	15°54	15° 5	10°23	11°55	19°D35	18°52	20°38	n.a.	F 3
S 4	18 29 52	6°21'47	22°29	20°21	25°10	17° 7	3°35	15°51	15° 8	10°21	11°57	19°R36	18°49	20°45	n.a.	S 4
S 5	18 33 49	7°19'13	6♉21	19°51	24°39	17°16	3°33	15°48	15°11	10°19	11°58	19°35	18°46	20°52	n.a.	S 5
M 6	18 37 46	8°16'41	20° 4	19°16	24°10	17°25	3°32	15°45	15°14	10°18	11°59	19°32	18°43	20°58	n.a.	M 6
T 7	18 41 42	9°14'11	3♊38	18°37	23°43	17°36	3°30	15°42	15°17	10°16	12° 1	19°26	18°39	21° 5	n.a.	T 7
W 8	18 45 39	10°11'42	17° 2	17°55	23°18	17°47	3°28	15°38	15°20	10°14	12° 2	19°18	18°36	21°12	n.a.	W 8
T 9	18 49 35	11° 9'14	0♋14	17°10	22°55	17°59	3°26	15°35	15°24	10°13	12° 4	19° 7	18°33	21°18	n.a.	T 9
F 10	18 53 32	12° 6'47	13°13	16°23	22°34	18°11	3°24	15°32	15°27	10°11	12° 5	18°55	18°30	21°25	n.a.	F 10
S 11	18 57 28	13° 4'22	25°58	15°35	22°16	18°24	3°22	15°28	15°30	10°10	12° 6	18°42	18°27	21°32	n.a.	S 11
S 12	19 1 25	14° 1'58	8♌28	14°46	21°59	18°39	3°19	15°25	15°34	10° 8	12° 8	18°29	18°24	21°38	n.a.	S 12
M13	19 5 22	14°59'35	20°44	13°57	21°45	18°53	3°16	15°21	15°37	10° 6	12° 9	18°19	18°20	21°45	n.a.	M13
T 14	19 9 18	15°57'13	2♍47	13°10	21°34	19° 9	3°13	15°17	15°40	10° 5	12°10	18°11	18°17	21°52	n.a.	T 14
W15	19 13 15	16°54'53	14°42	12°25	21°25	19°25	3°10	15°14	15°44	10° 3	12°12	18° 5	18°14	21°58	n.a.	W15
T 16	19 17 11	17°52'34	26°31	11°43	21°18	19°41	3° 6	15°10	15°47	10° 1	12°13	18° 2	18°11	22° 5	n.a.	T 16
F 17	19 21 8	18°50'15	8♎19	11° 5	21°13	19°59	3° 3	15° 6	15°51	10° 0	12°14	18° 1	18° 8	22°12	n.a.	F 17
S 18	19 25 4	19°47'58	20°12	10°33	21°D11	20°17	2°59	15° 2	15°54	9°58	12°15	18° 1	18° 5	22°18	n.a.	S 18
S 19	19 29 1	20°45'43	2♏14	10° 6	21°11	20°35	2°55	14°58	15°58	9°57	12°17	18° 1	18° 1	22°25	n.a.	S 19
M20	19 32 57	21°43'28	14°32	9°45	21°14	20°54	2°51	14°54	16° 1	9°55	12°18	17°59	17°58	22°32	n.a.	M20
T 21	19 36 54	22°41'15	27°10	9°31	21°18	21°14	2°46	14°50	16° 5	9°53	12°19	17°56	17°55	22°38	n.a.	T 21
W22	19 40 51	23°39'04	10♐12	9°D24	21°25	21°35	2°42	14°46	16° 8	9°52	12°20	17°50	17°52	22°45	n.a.	W22
T 23	19 44 47	24°36'54	23°40	9°25	21°34	21°56	2°37	14°42	16°12	9°50	12°21	17°41	17°49	22°52	n.a.	T 23
F 24	19 48 44	25°34'45	7♑34	9°34	21°46	22°17	2°32	14°38	16°15	9°49	12°23	17°31	17°45	22°58	n.a.	F 24
S 25	19 52 40	26°32'38	21°50	9°50	21°59	22°39	2°27	14°33	16°19	9°47	12°24	17°19	17°42	23° 5	n.a.	S 25
S 26	19 56 37	27°30'32	6♒23	10°14	22°14	23° 2	2°22	14°29	16°23	9°46	12°25	17° 8	17°39	23°12	n.a.	S 26
M27	20 0 33	28°28'28	21° 7	10°47	22°32	23°25	2°17	14°25	16°26	9°44	12°26	16°59	17°36	23°18	n.a.	M27
T 28	20 4 30	29°26'26	5♓52	11°27	22°51	23°48	2°12	14°20	16°30	9°43	12°27	16°51	17°33	23°25	n.a.	T 28
W29	20 8 26	0♌24'26	20°32	12°15	23°12	24°12	2° 6	14°16	16°34	9°41	12°28	16°47	17°30	23°32	n.a.	W29
T 30	20 12 23	1°22'28	5♈ 1	13°10	23°35	24°37	2° 0	14°12	16°37	9°40	12°29	16°45	17°26	23°38	n.a.	T 30
F 31	20 16 20	2♌20'31	19♈16	14♋12	23♊59	25♏ 2	1♓54	14♒ 7	16♌41	9♑38	12♊30	16°D44	17♈23	23♍45	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n41	10s50	3s13	18n27	3s36	18n15	5s27	20s42	3s49	11s41	1s29	17s54	1s44	17n14	0n43	23s 6	0n14	20n 5	2s26	7n46	7n31	6n 6			n.a.
T 2	23 40	4 15	2 10	18 18	3 48	18 5	5 36	20 45	3 50	11 41	1 29	17 55	1 45	17 13	0 43	23 6	0 14	20 5	2 26	7 45	7 30	6 3			n.a.
F 3	23 37	2n31	0 59	18 10	3 59	17 56	5 44	20 47	3 50	11 42	1 30	17 56	1 45	17 12	0 43	23 6	0 14	20 5	2 26	7 45	7 29	5 59			n.a.
S 4	23 35	9 6	0n15	18 4	4 9	17 47	5 52	20 50	3 50	11 43	1 30	17 57	1 45	17 11	0 43	23 6	0 14	20 6	2 26	7 45	7 28	5 56			n.a.
S 5	23 32	15 11	1 28	18 0	4 18	17 39	5 59	20 52	3 51	11 44	1 30	17 58	1 45	17 10	0 43	23 6	0 14	20 6	2 26	7 45	7 26	5 53			n.a.
M 6	23 28	20 27	2 34	17 57	4 26	17 32	6 5	20 55	3 51	11 44	1 31	17 59	1 45	17 9	0 43	23 6	0 14	20 6	2 26	7 44	7 25	5 49			n.a.
T 7	23 24	24 35	3 30	17 56	4 32	17 25	6 10	20 58	3 51	11 45	1 31	18 0	1 46	17 8	0 43	23 6	0 13	20 6	2 25	7 42	7 24	5 46			n.a.
W 8	23 20	27 19	4 15	17 57	4 37	17 19	6 15	21 2	3 51	11 46	1 31	18 1	1 46	17 7	0 43	23 7	0 13	20 7	2 25	7 39	7 23	5 42			n.a.
T 9	23 16	28 28	4 44	17 59	4 40	17 14	6 19	21 5	3 51	11 47	1 32	18 3	1 46	17 6	0 43	23 7	0 13	20 7	2 25	7 35	7 21	5 39			n.a.
F 10	23 10	28 1	4 59	18 3	4 42	17 9	6 23	21 9	3 51	11 49	1 32	18 4	1 46	17 5	0 43	23 7	0 13	20 7	2 25	7 30	7 20	5 36			n.a.
S 11	23 5	26 5	4 58	18 9	4 42	17 5	6 26	21 12	3 51	11 50	1 32	18 5	1 46	17 4	0 43	23 7	0 13	20 7	2 25	7 25	7 19	5 32			n.a.
S 12	22 59	22 54	4 42	18 16	4 40	17 2	6 28	21 16	3 50	11 51	1 33	18 6	1 46	17 3	0 43	23 7	0 13	20 7	2 25	7 20	7 18	5 29			n.a.
M13	22 53	18 46	4 14	18 25	4 36	17 0	6 30	21 20	3 50	11 52	1 33	18 8	1 47	17 2	0 43	23 7	0 13	20 8	2 25	7 16	7 17	5 26			n.a.
T 14	22 46	13 56	3 35	18 36	4 30	16 58	6 31	21 24	3 50	11 54	1 33	18 9	1 47	17 1	0 43	23 7	0 13	20 8	2 25	7 13	7 15	5 22			n.a.
W15	22 39	8 39	2 47	18 48	4 22	16 57	6 31	21 28	3 50	11 55	1 34	18 10	1 47	17 0	0 43	23 8	0 13	20 8	2 25	7 11	7 14	5 19			n.a.
T 16	22 31	3 6	1 51	19 0	4 13	16 56	6 31	21 33	3 49	11 57	1 34	18 11	1 47	16 59	0 43	23 8	0 13	20 8	2 25	7 9	7 13	5 15			n.a.
F 17	22 24	2s33	0 51	19 14	4 2	16 56	6 31	21 37	3 49	11 58	1 34	18 13	1 47	16 58	0 43	23 8	0 13	20 8	2 25	7 9	7 12	5 12			n.a.
S 18	22 15	8 10	0s12	19 29	3 50	16 57	6 30	21 42	3 49	12 0	1 34	18 14	1 47	16 57	0 43	23 8	0 13	20 9	2 25	7 9	7 10	5 9			n.a.
S 19	22 6	13 34	1 15	19 45	3 37	16 59	6 28	21 47	3 48	12 2	1 35	18 15	1 48	16 56	0 43	23 8	0 13	20 9	2 25	7 9	7 9	5 5			n.a.
M20	21 57	18 33	2 16	20 1	3 22	17 1	6 27	21 51	3 48	12 4	1 35	18 17	1 48	16 55	0 43	23 8	0 13	20 9	2 25	7 8	7 8	5 2			n.a.
T 21	21 48	22 52	3 11	20 17	3 7	17 3	6 24	21 56	3 47	12 5	1 35	18 18	1 48	16 53	0 43	23 8	0 13	20 9	2 25	7 7	7 7	4 58			n.a.
W22	21 38	26 12	3 59	20 34	2 50	17 6	6 22	22 1	3 47	12 7	1 36	18 19	1 48	16 52	0 43	23 8	0 13	20 9	2 25	7 5	7 6	4 55			n.a.
T 23	21 28	28 10	4 35	20 50	2 34	17 10	6 19	22 6	3 46	12 9	1 36	18 21	1 48	16 51	0 43	23 9	0 13	20 9	2 25	7 1	7 4	4 52			n.a.
F 24	21 17	28 27	4 56	21 7	2 16	17 14	6 16	22 11	3 45	12 11	1 36	18 22	1 48	16 50	0 43	23 9	0 13	20 10	2 25	6 57	7 3	4 48			n.a.
S 25	21 6	26 52	5 0	21 23	1 59	17 18	6 12	22 17	3 45	12 13	1 36	18 24	1 49	16 49	0 43	23 9	0 13	20 10	2 25	6 53	7 2	4 45			n.a.
S 26	20 55	23 29	4 44	21 38	1 42	17 23	6 8	22 22	3 44	12 15	1 37	18 25	1 49	16 48	0 43	23 9	0 13	20 10	2 25	6 49	7 1	4 41			n.a.
M27	20 43	18 34	4 10	21 53	1 25	17 28	6 4	22 27	3 43	12 18	1 37	18 26	1 49	16 47	0 43	23 9	0 13	20 10	2 25	6 45	6 59	4 38			n.a.
T 28	20 31	12 32	3 18	22 7	1 8	17 33	6 0	22 33	3 43	12 20	1 37	18 28	1 49	16 46	0 43	23 9	0 13	20 10	2 25	6 42	6 58	4 35			n.a.
W29	20 19	5 51	2 14	22 19	0 51	17 39	5 55	22 38	3 42	12 22	1 37	18 29	1 49	16 45	0 43	23 9	0 13	20 10	2 25	6 40	6 57	4 31			n.a.
T 30	20 6	1n 4	1 2	22 30	0 35	17 44	5 51	22 44	3 41	12 25	1 38	18 31	1 49	16 43	0 43	23 10	0 13	20 11	2 25	6 40	6 56	4 28			n.a.
F 31	19n53	7n50	0n13	22n39	0s20	17n50	5s46	22s49	3s41	12s27	1s38	18s32	1s49	16n42	0n43	23s10	0n13	20n11	2s25	6n39	6n54	4n24			n.a.

Julian Day Number = 1610568.5, Delta T = 03h53m32s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'42, Lahiri = - 8°08'42 Julian Calendar 1 July 304 BCE == Greg. Calendar 26 June 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

AUGUST 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 20 16	3♌18'37	3♉16	15♋21	24♊25	25♏27	1°R48	14°R 3	16♌45	9°R37	12♊32	16°R45	17♈20	23♍52	n.a.	S 1
S 2	20 24 13	4°16'46	17° 0	16°36	24°53	25°53	1♓42	13♒58	16°48	9♑35	12°33	16♈44	17°17	23°58	n.a.	S 2
M 3	20 28 9	5°14'56	0♊29	17°57	25°22	26°19	1°36	13°54	16°52	9°34	12°34	16°42	17°14	24° 5	n.a.	M 3
T 4	20 32 6	6°13'08	13°45	19°23	25°53	26°46	1°29	13°49	16°56	9°32	12°35	16°37	17°11	24°12	n.a.	T 4
W 5	20 36 2	7°11'23	26°48	20°54	26°25	27°13	1°23	13°44	17° 0	9°31	12°36	16°29	17° 7	24°18	n.a.	W 5
T 6	20 39 59	8° 9'40	9♋39	22°29	26°59	27°41	1°16	13°40	17° 3	9°30	12°37	16°19	17° 4	24°25	n.a.	T 6
F 7	20 43 55	9° 7'58	22°19	24° 9	27°34	28° 9	1° 9	13°35	17° 7	9°28	12°37	16° 8	17° 1	24°32	n.a.	F 7
S 8	20 47 52	10° 6'19	4♌47	25°51	28°10	28°37	1° 2	13°31	17°11	9°27	12°38	15°56	16°58	24°38	n.a.	S 8
S 9	20 51 49	11° 4'41	17° 4	27°37	28°48	29° 6	0°55	13°26	17°15	9°26	12°39	15°44	16°55	24°45	n.a.	S 9
M10	20 55 45	12° 3'06	29°10	29°24	29°26	29°35	0°48	13°21	17°18	9°24	12°40	15°34	16°51	24°52	n.a.	M10
T 11	20 59 42	13° 1'32	11♍ 7	1♌14	0♋ 6	0♐ 5	0°41	13°17	17°22	9°23	12°41	15°26	16°48	24°58	n.a.	T 11
W12	21 3 38	14° 0'00	22°58	3° 5	0°47	0°35	0°33	13°12	17°26	9°22	12°42	15°21	16°45	25° 5	n.a.	W12
T 13	21 7 35	14°58'30	4♎45	4°57	1°29	1° 5	0°26	13° 8	17°30	9°20	12°43	15°19	16°42	25°12	n.a.	T 13
F 14	21 11 31	15°57'02	16°31	6°49	2°12	1°36	0°18	13° 3	17°33	9°19	12°44	15°D18	16°39	25°18	n.a.	F 14
S 15	21 15 28	16°55'35	28°22	8°43	2°56	2° 7	0°11	12°58	17°37	9°18	12°44	15°19	16°36	25°25	n.a.	S 15
S 16	21 19 24	17°54'11	10♏23	10°36	3°41	2°38	0° 3	12°54	17°41	9°17	12°45	15°20	16°32	25°32	n.a.	S 16
M17	21 23 21	18°52'48	22°39	12°29	4°27	3°10	29♒55	12°49	17°45	9°16	12°46	15°R20	16°29	25°38	n.a.	M17
T 18	21 27 17	19°51'27	5♐14	14°22	5°13	3°42	29°48	12°44	17°49	9°14	12°47	15°18	16°26	25°45	n.a.	T 18
W19	21 31 14	20°50'08	18°15	16°15	6° 1	4°14	29°40	12°40	17°52	9°13	12°47	15°15	16°23	25°51	n.a.	W19
T 20	21 35 11	21°48'50	1♑43	18° 7	6°49	4°47	29°32	12°35	17°56	9°12	12°48	15°10	16°20	25°58	n.a.	T 20
F 21	21 39 7	22°47'35	15°39	19°59	7°39	5°20	29°24	12°31	18° 0	9°11	12°49	15° 3	16°17	26° 5	n.a.	F 21
S 22	21 43 4	23°46'21	0♒ 3	21°50	8°28	5°53	29°16	12°26	18° 4	9°10	12°49	14°55	16°13	26°11	n.a.	S 22
S 23	21 47 0	24°45'10	14°49	23°40	9°19	6°26	29° 8	12°22	18° 7	9° 9	12°50	14°47	16°10	26°18	n.a.	S 23
M24	21 50 57	25°44'00	29°50	25°29	10°11	7° 0	29° 0	12°17	18°11	9° 8	12°50	14°40	16° 7	26°25	n.a.	M24
T 25	21 54 53	26°42'53	14♓56	27°18	11° 3	7°34	28°52	12°13	18°15	9° 7	12°51	14°35	16° 4	26°31	n.a.	T 25
W26	21 58 50	27°41'47	29°58	29° 5	11°55	8° 8	28°44	12° 9	18°19	9° 6	12°52	14°32	16° 1	26°38	n.a.	W26
T 27	22 2 46	28°40'44	14♈47	0♍52	12°49	8°43	28°36	12° 4	18°22	9° 5	12°52	14°D31	15°57	26°45	n.a.	T 27
F 28	22 6 43	29°39'43	29°19	2°38	13°43	9°18	28°28	12° 0	18°26	9° 4	12°53	14°32	15°54	26°51	n.a.	F 28
S 29	22 10 40	0♍38'45	13♉29	4°23	14°38	9°52	28°20	11°56	18°30	9° 3	12°53	14°33	15°51	26°58	n.a.	S 29
S 30	22 14 36	1°37'49	27°17	6° 7	15°33	10°28	28°12	11°52	18°34	9° 3	12°54	14°R34	15°48	27° 5	n.a.	S 30
M31	22 18 33	2♍36'56	10♊43	7♍50	16♋29	11♐ 3	28♒ 4	11♒47	18♌37	9♑ 2	12♊54	14♈34	15♈45	27♍11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n39	14n 6	1n27	22n46	0s 5	17n57	5s41	22s55	3s40	12s29	1s38	18s34	1s49	16n41	0n43	23s10	0n13	20n11	2s25	6n39	6n53	4n21		n.a.
S 2	19 26	19 34	2 33	22 51	0n 9	18 3	5 35	23 0	3 39	12 32	1 38	18 35	1 49	16 40	0 43	23 10	0 13	20 11	2 25	6 39	6 52	4 18		n.a.
M 3	19 11	23 55	3 30	22 53	0 22	18 9	5 30	23 6	3 38	12 34	1 39	18 36	1 50	16 39	0 43	23 10	0 13	20 11	2 25	6 38	6 51	4 14		n.a.
T 4	18 57	26 56	4 15	22 53	0 35	18 16	5 25	23 11	3 37	12 37	1 39	18 38	1 50	16 38	0 43	23 10	0 13	20 11	2 25	6 36	6 50	4 11		n.a.
W 5	18 42	28 27	4 45	22 51	0 46	18 22	5 19	23 17	3 36	12 39	1 39	18 39	1 50	16 37	0 43	23 10	0 13	20 11	2 25	6 34	6 48	4 7		n.a.
T 6	18 27	28 22	5 0	22 46	0 57	18 29	5 13	23 23	3 35	12 42	1 39	18 41	1 50	16 35	0 43	23 10	0 13	20 12	2 25	6 30	6 47	4 4		n.a.
F 7	18 12	26 48	5 1	22 38	1 6	18 35	5 7	23 28	3 34	12 45	1 39	18 42	1 50	16 34	0 43	23 10	0 13	20 12	2 25	6 25	6 46	4 0		n.a.
S 8	17 56	23 56	4 46	22 27	1 14	18 42	5 1	23 34	3 34	12 47	1 40	18 44	1 50	16 33	0 43	23 11	0 13	20 12	2 25	6 20	6 45	3 57		n.a.
S 9	17 40	20 1	4 19	22 14	1 22	18 48	4 55	23 40	3 33	12 50	1 40	18 45	1 50	16 32	0 43	23 11	0 13	20 12	2 25	6 16	6 43	3 54		n.a.
M10	17 23	15 20	3 40	21 58	1 28	18 55	4 49	23 45	3 32	12 53	1 40	18 46	1 50	16 31	0 43	23 11	0 13	20 12	2 25	6 12	6 42	3 50		n.a.
T 11	17 7	10 8	2 52	21 40	1 34	19 1	4 43	23 51	3 31	12 56	1 40	18 48	1 50	16 30	0 43	23 11	0 13	20 12	2 25	6 9	6 41	3 47		n.a.
W12	16 50	4 36	1 57	21 19	1 39	19 7	4 37	23 56	3 30	12 58	1 40	18 49	1 50	16 28	0 43	23 11	0 13	20 12	2 25	6 7	6 40	3 43		n.a.
T 13	16 33	1s 3	0 56	20 55	1 42	19 13	4 30	24 2	3 29	13 1	1 41	18 51	1 50	16 27	0 43	23 11	0 13	20 12	2 25	6 6	6 38	3 40		n.a.
F 14	16 15	6 40	0s 7	20 29	1 45	19 19	4 24	24 7	3 28	13 4	1 41	18 52	1 51	16 26	0 43	23 11	0 13	20 13	2 25	6 6	6 37	3 36		n.a.
S 15	15 57	12 7	1 10	20 2	1 47	19 24	4 18	24 13	3 27	13 7	1 41	18 54	1 51	16 25	0 43	23 11	0 13	20 13	2 25	6 6	6 36	3 33		n.a.
S 16	15 39	17 11	2 10	19 32	1 49	19 30	4 11	24 18	3 25	13 10	1 41	18 55	1 51	16 24	0 43	23 11	0 13	20 13	2 25	6 6	6 35	3 30		n.a.
M17	15 21	21 40	3 7	19 1	1 49	19 35	4 5	24 23	3 24	13 13	1 41	18 56	1 51	16 23	0 43	23 12	0 13	20 13	2 25	6 6	6 34	3 26		n.a.
T 18	15 2	25 18	3 55	18 28	1 49	19 40	3 58	24 29	3 23	13 16	1 41	18 58	1 51	16 21	0 43	23 12	0 13	20 13	2 25	6 6	6 32	3 23		n.a.
W19	14 44	27 45	4 34	17 53	1 49	19 44	3 52	24 34	3 22	13 19	1 41	18 59	1 51	16 20	0 43	23 12	0 13	20 13	2 25	6 5	6 31	3 19		n.a.
T 20	14 24	28 42	4 59	17 17	1 47	19 48	3 45	24 39	3 21	13 21	1 41	19 0	1 51	16 19	0 43	23 12	0 13	20 13	2 25	6 3	6 30	3 16		n.a.
F 21	14 5	27 53	5 7	16 40	1 45	19 52	3 39	24 44	3 20	13 24	1 42	19 2	1 51	16 18	0 43	23 12	0 13	20 13	2 25	6 0	6 29	3 12		n.a.
S 22	13 46	25 12	4 56	16 2	1 43	19 56	3 32	24 49	3 19	13 27	1 42	19 3	1 51	16 17	0 43	23 12	0 13	20 13	2 25	5 57	6 27	3 9		n.a.
S 23	13 26	20 49	4 26	15 22	1 40	19 59	3 26	24 54	3 18	13 30	1 42	19 4	1 51	16 16	0 43	23 12	0 13	20 13	2 25	5 54	6 26	3 6		n.a.
M24	13 6	15 3	3 37	14 42	1 37	20 2	3 19	24 58	3 17	13 33	1 42	19 6	1 51	16 14	0 43	23 12	0 13	20 13	2 25	5 51	6 25	3 2		n.a.
T 25	12 46	8 21	2 33	14 1	1 33	20 4	3 13	25 3	3 15	13 36	1 42	19 7	1 51	16 13	0 43	23 12	0 13	20 14	2 25	5 49	6 24	2 59		n.a.
W26	12 25	1 12	1 18	13 20	1 29	20 6	3 6	25 8	3 14	13 39	1 42	19 8	1 51	16 12	0 43	23 12	0 13	20 14	2 25	5 48	6 22	2 55		n.a.
T 27	12 5	5n55	0n 1	12 37	1 25	20 8	3 0	25 12	3 13	13 42	1 42	19 9	1 51	16 11	0 43	23 12	0 13	20 14	2 25	5 47	6 21	2 52		n.a.
F 28	11 44	12 36	1 19	11 55	1 20	20 9	2 53	25 17	3 12	13 45	1 42	19 11	1 51	16 10	0 43	23 13	0 13	20 14	2 25	5 48	6 20	2 48		n.a.
S 29	11 23	18 28	2 30	11 12	1 15	20 9	2 47	25 21	3 11	13 48	1 42	19 12	1 51	16 9	0 43	23 13	0 13	20 14	2 25	5 48	6 19	2 45		n.a.
S 30	11 2	23 13	3 31	10 28	1 10	20 10	2 40	25 25	3 9	13 50	1 42	19 13	1 51	16 7	0 43	23 13	0 13	20 14	2 25	5 49	6 17	2 41		n.a.
M31	10n40	26n35	4n18	9n44	1n 5	20n 9	2s34	25s29	3s 8	13s53	1s42	19s14	1s51	16n 6	0n43	23s13	0n13	20n14	2s25	5n48	6n16	2n38		n.a.

Julian Day Number = 1610599.5, Delta T = 03h53m31s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'38, Lahiri = - 8°08'37 Julian Calendar 1 Aug. 304 BCE == Greg. Calendar 27 July 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

SEPTEMBER 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 22 29	3♍36'05	23♊51	9♍32	17♋25	11♐39	27°R56	11°R43	18♑41	9°R 1	12♊54	14°R32	15♈42	27♍18	n.a.	T 1
W 2	22 26 26	4°35'17	6♋41	11°13	18°22	12°15	27♒48	11♒39	18°45	9♏ 0	12°55	14♈28	15°38	27°25	n.a.	W 2
T 3	22 30 22	5°34'31	19°17	12°54	19°20	12°51	27°40	11°35	18°48	9° 0	12°55	14°23	15°35	27°31	n.a.	T 3
F 4	22 34 19	6°33'48	1♑41	14°34	20°18	13°27	27°32	11°31	18°52	8°59	12°55	14°16	15°32	27°38	n.a.	F 4
S 5	22 38 15	7°33'06	13°54	16°13	21°16	14° 4	27°24	11°27	18°56	8°58	12°56	14° 9	15°29	27°45	n.a.	S 5
S 6	22 42 12	8°32'27	25°58	17°51	22°15	14°40	27°16	11°23	18°59	8°58	12°56	14° 2	15°26	27°51	n.a.	S 6
M 7	22 46 9	9°31'50	7♍55	19°28	23°15	15°17	27° 9	11°19	19° 3	8°57	12°56	13°57	15°23	27°58	n.a.	M 7
T 8	22 50 5	10°31'15	19°46	21° 5	24°14	15°55	27° 1	11°16	19° 7	8°56	12°57	13°53	15°19	28° 5	n.a.	T 8
W 9	22 54 2	11°30'42	1♎34	22°41	25°15	16°32	26°54	11°12	19°10	8°56	12°57	13°50	15°16	28°11	n.a.	W 9
T 10	22 57 58	12°30'12	13°21	24°16	26°15	17° 9	26°46	11° 8	19°14	8°55	12°57	13°D49	15°13	28°18	n.a.	T 10
F 11	23 1 55	13°29'43	25° 8	25°50	27°16	17°47	26°39	11° 5	19°17	8°55	12°57	13°50	15°10	28°25	n.a.	F 11
S 12	23 5 51	14°29'16	7♏ 1	27°24	28°18	18°25	26°31	11° 1	19°21	8°54	12°57	13°51	15° 7	28°31	n.a.	S 12
S 13	23 9 48	15°28'52	19° 3	28°57	29°20	19° 3	26°24	10°58	19°24	8°54	12°57	13°53	15° 3	28°38	n.a.	S 13
M14	23 13 44	16°28'29	1♐17	0♎29	0♑22	19°41	26°17	10°55	19°28	8°54	12°58	13°55	15° 0	28°44	n.a.	M14
T 15	23 17 41	17°28'08	13°50	2° 0	1°24	20°20	26°10	10°51	19°31	8°53	12°58	13°R56	14°57	28°51	n.a.	T 15
W16	23 21 37	18°27'49	26°45	3°31	2°27	20°58	26° 3	10°48	19°35	8°53	12°58	13°55	14°54	28°58	n.a.	W16
T 17	23 25 34	19°27'32	10♑ 6	5° 2	3°31	21°37	25°56	10°45	19°38	8°53	12°58	13°54	14°51	29° 4	n.a.	T 17
F 18	23 29 31	20°27'17	23°54	6°31	4°34	22°16	25°50	10°42	19°41	8°52	12°R58	13°52	14°48	29°11	n.a.	F 18
S 19	23 33 27	21°27'03	8♒11	8° 0	5°38	22°55	25°43	10°39	19°45	8°52	12°58	13°49	14°44	29°18	n.a.	S 19
S 20	23 37 24	22°26'51	22°53	9°28	6°42	23°34	25°37	10°36	19°48	8°52	12°58	13°46	14°41	29°24	n.a.	S 20
M21	23 41 20	23°26'41	7♓55	10°56	7°47	24°13	25°31	10°34	19°51	8°52	12°58	13°43	14°38	29°31	n.a.	M21
T 22	23 45 17	24°26'33	23° 8	12°23	8°51	24°53	25°25	10°31	19°55	8°52	12°58	13°41	14°35	29°38	n.a.	T 22
W23	23 49 13	25°26'27	8♈22	13°49	9°57	25°32	25°19	10°28	19°58	8°52	12°57	13°D40	14°32	29°44	n.a.	W23
T 24	23 53 10	26°26'24	23°28	15°14	11° 2	26°12	25°13	10°26	20° 1	8°52	12°57	13°41	14°28	29°51	n.a.	T 24
F 25	23 57 6	27°26'22	8♉17	16°39	12° 8	26°51	25° 7	10°23	20° 4	8°D51	12°57	13°41	14°25	29°58	n.a.	F 25
S 26	0 1 3	28°26'23	22°43	18° 2	13°14	27°31	25° 2	10°21	20° 8	8°51	12°57	13°43	14°22	0♎ 4	n.a.	S 26
S 27	0 5 0	29°26'26	6♊44	19°25	14°20	28°11	24°56	10°19	20°11	8°52	12°57	13°44	14°19	0°11	n.a.	S 27
M28	0 8 56	0♎26'31	20°18	20°47	15°26	28°51	24°51	10°17	20°14	8°52	12°56	13°44	14°16	0°18	n.a.	M28
T 29	0 12 53	1°26'38	3♋27	22° 8	16°33	29°32	24°46	10°15	20°17	8°52	12°56	13°R45	14°13	0°24	n.a.	T 29
W30	0 16 49	2♎26'48	16♋15	23♎28	17♑40	0♏12	24♒41	10♒13	20♑20	8♏52	12♊56	13♈44	14♈ 9	0♎31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n19	28n25	4n50	9n 0	0n59	20n 9	2s27	25s33	3s 7	13s56	1s42	19s16	1s51	16n 5	0n43	23s13	0n13	20n14	2s25	5n48	6n15	2n35		n.a.
W 2	9 57	28 41	5 7	8 16	0 53	20 8	2 21	25 36	3 6	13 59	1 42	19 17	1 51	16 4	0 43	23 13	0 13	20 14	2 25	5 46	6 14	2 31		n.a.
T 3	9 35	27 25	5 9	7 31	0 47	20 6	2 15	25 40	3 5	14 2	1 42	19 18	1 51	16 3	0 43	23 13	0 13	20 14	2 25	5 44	6 13	2 28		n.a.
F 4	9 13	24 50	4 56	6 47	0 41	20 4	2 8	25 44	3 3	14 4	1 42	19 19	1 51	16 2	0 43	23 13	0 13	20 14	2 25	5 42	6 11	2 24		n.a.
S 5	8 50	21 9	4 30	6 2	0 35	20 1	2 2	25 47	3 2	14 7	1 42	19 20	1 51	16 1	0 43	23 13	0 13	20 14	2 25	5 39	6 10	2 21		n.a.
S 6	8 28	16 39	3 52	5 18	0 28	19 58	1 56	25 50	3 1	14 10	1 42	19 21	1 51	15 59	0 43	23 13	0 13	20 14	2 25	5 36	6 9	2 17		n.a.
M 7	8 6	11 32	3 4	4 33	0 22	19 54	1 50	25 53	2 59	14 12	1 42	19 22	1 51	15 58	0 43	23 13	0 12	20 14	2 25	5 34	6 8	2 14		n.a.
T 8	7 43	6 3	2 8	3 48	0 15	19 50	1 44	25 56	2 58	14 15	1 42	19 23	1 51	15 57	0 43	23 13	0 12	20 14	2 25	5 32	6 6	2 10		n.a.
W 9	7 20	0 23	1 7	3 4	0 8	19 45	1 38	25 59	2 57	14 18	1 42	19 24	1 51	15 56	0 43	23 13	0 12	20 14	2 25	5 31	6 5	2 7		n.a.
T 10	6 57	5s17	0 3	2 20	0 1	19 40	1 32	26 1	2 56	14 20	1 42	19 25	1 51	15 55	0 43	23 13	0 12	20 14	2 25	5 31	6 4	2 4		n.a.
F 11	6 34	10 48	1s 2	1 35	0s 6	19 34	1 26	26 4	2 54	14 23	1 42	19 26	1 51	15 54	0 43	23 13	0 12	20 14	2 25	5 31	6 3	2 0		n.a.
S 12	6 11	15 58	2 4	0 52	0 12	19 27	1 20	26 6	2 53	14 25	1 42	19 27	1 51	15 53	0 43	23 14	0 12	20 14	2 25	5 32	6 1	1 57		n.a.
S 13	5 47	20 36	3 2	0 8	0 19	19 20	1 14	26 8	2 52	14 27	1 42	19 28	1 51	15 52	0 43	23 14	0 12	20 14	2 25	5 33	6 0	1 53		n.a.
M14	5 24	24 27	3 52	0s36	0 26	19 13	1 8	26 10	2 50	14 30	1 41	19 29	1 51	15 51	0 43	23 14	0 12	20 14	2 25	5 33	5 59	1 50		n.a.
T 15	5 1	27 15	4 33	1 19	0 33	19 5	1 2	26 11	2 49	14 32	1 41	19 30	1 51	15 50	0 43	23 14	0 12	20 14	2 25	5 34	5 58	1 46		n.a.
W16	4 37	28 43	5 1	2 2	0 40	18 56	0 57	26 13	2 48	14 34	1 41	19 30	1 51	15 48	0 43	23 14	0 12	20 14	2 25	5 33	5 56	1 43		n.a.
T 17	4 13	28 34	5 14	2 44	0 47	18 47	0 51	26 14	2 47	14 37	1 41	19 31	1 50	15 47	0 43	23 14	0 12	20 14	2 25	5 33	5 55	1 39		n.a.
F 18	3 50	26 41	5 10	3 27	0 54	18 37	0 45	26 15	2 45	14 39	1 41	19 32	1 50	15 46	0 43	23 14	0 12	20 14	2 25	5 32	5 54	1 36		n.a.
S 19	3 26	23 3	4 47	4 9	1 1	18 27	0 40	26 16	2 44	14 41	1 41	19 33	1 50	15 45	0 43	23 14	0 12	20 14	2 25	5 31	5 53	1 32		n.a.
S 20	3 2	17 54	4 5	4 50	1 8	18 16	0 35	26 17	2 43	14 43	1 41	19 34	1 50	15 44	0 43	23 14	0 12	20 14	2 25	5 30	5 51	1 29		n.a.
M21	2 38	11 33	3 5	5 31	1 14	18 5	0 29	26 17	2 41	14 45	1 41	19 34	1 50	15 43	0 43	23 14	0 12	20 14	2 25	5 29	5 50	1 26		n.a.
T 22	2 14	4 27	1 51	6 11	1 21	17 53	0 24	26 18	2 40	14 47	1 41	19 35	1 50	15 42	0 43	23 14	0 12	20 14	2 25	5 28	5 49	1 22		n.a.
W23	1 50	2n55	0 29	6 51	1 27	17 40	0 19	26 18	2 39	14 49	1 40	19 36	1 50	15 41	0 43	23 14	0 12	20 14	2 25	5 28	5 48	1 19		n.a.
T 24	1 26	10 3	0n54	7 31	1 34	17 27	0 14	26 18	2 37	14 51	1 40	19 36	1 50	15 40	0 43	23 14	0 12	20 14	2 25	5 28	5 46	1 15		n.a.
F 25	1 2	16 31	2 12	8 9	1 40	17 14	0 9	26 18	2 36	14 52	1 40	19 37	1 50	15 39	0 43	23 14	0 12	20 14	2 25	5 28	5 45	1 12		n.a.
S 26	0 38	21 54	3 20	8 48	1 46	17 0	0 4	26 17	2 35	14 54	1 40	19 37	1 50	15 38	0 43	23 14	0 12	20 14	2 25	5 28	5 44	1 8		n.a.
S 27	0 14	25 52	4 13	9 25	1 52	16 45	0n 1	26 16	2 33	14 56	1 40	19 38	1 50	15 37	0 43	23 14	0 12	20 14	2 25	5 29	5 43	1 5		n.a.
M28	0s11	28 13	4 51	10 2	1 58	16 30	0 6	26 16	2 32	14 57	1 40	19 38	1 50	15 36	0 43	23 14	0 12	20 14	2 25	5 29	5 41	1 1		n.a.
T 29	0 35	28 53	5 12	10 38	2 4	16 14	0 11	26 14	2 30	14 59	1 39	19 39	1 50	15 35	0 43	23 14	0 12	20 14	2 25	5 29	5 40	0 58		n.a.
W30	0s59	27n58	5n17	11s13	2s 9	15n58	0n15	26s13	2s29	15s 0	1s39	19s39	1s49	15n34	0n43	23s14	0n12	20n14	2s25	5n29	5n39	0n54		n.a.

Julian Day Number = 1610630.5, Delta T = 03h53m30s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'34, Lahiri = - 8°08'33 Julian Calendar 1 Sept. 304 BCE == Greg. Calendar 27 Aug. 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

OCTOBER 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 20 46	3♎27'00	28♋44	24♎47	18♌47	0♑52	24°R37	10°R11	20♌23	8♑52	12°R56	13°R43	14♈ 6	0♎38	n.a.	T 1
F 2	0 24 42	4°27'14	10♌58	26° 5	19°54	1°33	24♒32	10♒ 9	20°26	8°52	12♊55	13♈42	14° 3	0°44	n.a.	F 2
S 3	0 28 39	5°27'30	23° 1	27°21	21° 2	2°14	24°28	10° 8	20°29	8°53	12°55	13°41	14° 0	0°51	n.a.	S 3
S 4	0 32 35	6°27'48	4♍56	28°36	22°10	2°54	24°24	10° 6	20°32	8°53	12°55	13°40	13°57	0°57	n.a.	S 4
M 5	0 36 32	7°28'08	16°46	29°49	23°18	3°35	24°20	10° 5	20°35	8°53	12°54	13°39	13°54	1° 4	n.a.	M 5
T 6	0 40 29	8°28'30	28°34	1♏ 0	24°26	4°16	24°16	10° 3	20°38	8°53	12°54	13°38	13°50	1°11	n.a.	T 6
W 7	0 44 25	9°28'54	10♎21	2°10	25°35	4°57	24°13	10° 2	20°41	8°54	12°53	13°D38	13°47	1°17	n.a.	W 7
T 8	0 48 22	10°29'20	22°11	3°17	26°43	5°38	24° 9	10° 1	20°43	8°54	12°53	13°38	13°44	1°24	n.a.	T 8
F 9	0 52 18	11°29'47	4♏ 5	4°21	27°52	6°19	24° 6	10° 0	20°46	8°55	12°52	13°38	13°41	1°31	n.a.	F 9
S 10	0 56 15	12°30'17	16° 5	5°23	29° 1	7° 1	24° 3	9°59	20°49	8°55	12°52	13°39	13°38	1°37	n.a.	S 10
S 11	1 0 11	13°30'47	28°13	6°21	0♍10	7°42	24° 0	9°58	20°51	8°56	12°51	13°R39	13°34	1°44	n.a.	S 11
M12	1 4 8	14°31'20	10♐34	7°16	1°20	8°23	23°58	9°57	20°54	8°56	12°51	13°39	13°31	1°51	n.a.	M12
T 13	1 8 4	15°31'54	23° 9	8° 6	2°29	9° 5	23°55	9°57	20°57	8°57	12°50	13°38	13°28	1°57	n.a.	T 13
W14	1 12 1	16°32'29	6♑ 3	8°52	3°39	9°47	23°53	9°56	20°59	8°58	12°50	13°38	13°25	2° 4	n.a.	W14
T 15	1 15 58	17°33'05	19°17	9°33	4°49	10°28	23°51	9°56	21° 2	8°58	12°49	13°D38	13°22	2°11	n.a.	T 15
F 16	1 19 54	18°33'43	2♒54	10° 8	5°59	11°10	23°49	9°55	21° 4	8°59	12°48	13°38	13°19	2°17	n.a.	F 16
S 17	1 23 51	19°34'22	16°55	10°37	7° 9	11°52	23°48	9°55	21° 7	9° 0	12°48	13°39	13°15	2°24	n.a.	S 17
S 18	1 27 47	20°35'03	1♓21	10°59	8°19	12°34	23°46	9°D55	21° 9	9° 0	12°47	13°39	13°12	2°31	n.a.	S 18
M19	1 31 44	21°35'44	16° 7	11°12	9°30	13°16	23°45	9°55	21°11	9° 1	12°46	13°40	13° 9	2°37	n.a.	M19
T 20	1 35 40	22°36'27	1♈ 8	11°R17	10°40	13°57	23°44	9°55	21°14	9° 2	12°46	13°41	13° 6	2°44	n.a.	T 20
W21	1 39 37	23°37'11	16°17	11°13	11°51	14°39	23°44	9°56	21°16	9° 3	12°45	13°R41	13° 3	2°50	n.a.	W21
T 22	1 43 33	24°37'56	1♉24	10°58	13° 2	15°22	23°43	9°56	21°18	9° 4	12°44	13°40	13° 0	2°57	n.a.	T 22
F 23	1 47 30	25°38'44	16°21	10°33	14°13	16° 4	23°43	9°56	21°20	9° 5	12°43	13°39	12°56	3° 4	n.a.	F 23
S 24	1 51 26	26°39'32	0♊58	9°57	15°24	16°46	23°D43	9°57	21°22	9° 6	12°42	13°38	12°53	3°10	n.a.	S 24
S 25	1 55 23	27°40'22	15°11	9°11	16°35	17°28	23°43	9°58	21°24	9° 7	12°42	13°36	12°50	3°17	n.a.	S 25
M26	1 59 20	28°41'14	28°56	8°14	17°47	18°10	23°43	9°58	21°26	9° 8	12°41	13°34	12°47	3°24	n.a.	M26
T 27	2 3 16	29°42'07	12♋14	7° 9	18°58	18°53	23°44	9°59	21°28	9° 9	12°40	13°33	12°44	3°30	n.a.	T 27
W28	2 7 13	0♏43'02	25° 6	5°55	20°10	19°35	23°44	10° 0	21°30	9°10	12°39	13°D32	12°40	3°37	n.a.	W28
T 29	2 11 9	1°43'59	7♌36	4°36	21°22	20°17	23°45	10° 1	21°32	9°11	12°38	13°32	12°37	3°44	n.a.	T 29
F 30	2 15 6	2°44'56	19°49	3°14	22°34	21° 0	23°46	10° 3	21°34	9°12	12°37	13°33	12°34	3°50	n.a.	F 30
S 31	2 19 2	3♏45'55	1♍48	1♏52	23♍46	21♑42	23♒48	10♒ 4	21♌36	9♑13	12♊36	13♈34	12♈31	3♎57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1s23	25n40	5n 6	11s47	2s14	15n41	0n20	26s12	2s28	15s 2	1s39	19s40	1s49	15n33	0n43	23s14	0n12	20n14	2s25	5n29	5n38	0n51		n.a.
F 2	1 47	22 12	4 42	12 21	2 19	15 24	0 24	26 10	2 26	15 3	1 39	19 40	1 49	15 32	0 43	23 14	0 12	20 14	2 25	5 28	5 36	0 47		n.a.
S 3	2 12	17 52	4 6	12 53	2 24	15 7	0 28	26 8	2 25	15 4	1 39	19 40	1 49	15 31	0 43	23 14	0 12	20 14	2 25	5 28	5 35	0 44		n.a.
S 4	2 36	12 54	3 19	13 24	2 28	14 48	0 33	26 6	2 24	15 6	1 38	19 41	1 49	15 31	0 43	23 14	0 12	20 14	2 25	5 27	5 34	0 41		n.a.
M 5	3 0	7 29	2 24	13 54	2 32	14 30	0 37	26 3	2 22	15 7	1 38	19 41	1 49	15 30	0 43	23 14	0 12	20 14	2 25	5 27	5 33	0 37		n.a.
T 6	3 24	1 50	1 23	14 23	2 35	14 11	0 41	26 1	2 21	15 8	1 38	19 41	1 49	15 29	0 44	23 14	0 12	20 14	2 25	5 27	5 31	0 34		n.a.
W 7	3 48	3s52	0 18	14 50	2 38	13 51	0 45	25 58	2 20	15 9	1 38	19 42	1 49	15 28	0 44	23 14	0 12	20 14	2 25	5 27	5 30	0 30		n.a.
T 8	4 12	9 28	0s47	15 16	2 41	13 31	0 49	25 55	2 18	15 10	1 37	19 42	1 49	15 27	0 44	23 14	0 12	20 14	2 25	5 27	5 29	0 27		n.a.
F 9	4 36	14 46	1 51	15 41	2 43	13 11	0 52	25 52	2 17	15 11	1 37	19 42	1 49	15 26	0 44	23 14	0 12	20 14	2 25	5 27	5 28	0 23		n.a.
S 10	5 0	19 34	2 51	16 3	2 44	12 50	0 56	25 48	2 16	15 11	1 37	19 42	1 48	15 25	0 44	23 14	0 12	20 14	2 25	5 27	5 26	0 20		n.a.
S 11	5 24	23 38	3 43	16 24	2 45	12 29	1 0	25 44	2 14	15 12	1 37	19 42	1 48	15 24	0 44	23 14	0 12	20 14	2 25	5 27	5 25	0 16		n.a.
M12	5 48	26 42	4 27	16 42	2 45	12 7	1 3	25 40	2 13	15 13	1 37	19 42	1 48	15 24	0 44	23 14	0 12	20 14	2 25	5 27	5 24	0 13		n.a.
T 13	6 11	28 31	4 58	16 58	2 45	11 45	1 7	25 36	2 11	15 13	1 36	19 42	1 48	15 23	0 44	23 14	0 12	20 14	2 25	5 27	5 23	0 9		n.a.
W14	6 35	28 50	5 15	17 12	2 43	11 22	1 10	25 32	2 10	15 14	1 36	19 42	1 48	15 22	0 44	23 14	0 12	20 14	2 25	5 27	5 22	0 6		n.a.
T 15	6 58	27 33	5 16	17 23	2 41	11 0	1 13	25 27	2 9	15 14	1 36	19 42	1 48	15 21	0 44	23 14	0 12	20 13	2 25	5 27	5 20	0 2		n.a.
F 16	7 22	24 37	5 0	17 31	2 37	10 36	1 16	25 22	2 7	15 15	1 36	19 42	1 48	15 21	0 44	23 14	0 12	20 13	2 25	5 27	5 19	0s 1		n.a.
S 17	7 45	20 10	4 26	17 36	2 33	10 13	1 19	25 17	2 6	15 15	1 35	19 42	1 48	15 20	0 44	23 14	0 12	20 13	2 25	5 27	5 18	0 5		n.a.
S 18	8 8	14 27	3 34	17 38	2 27	9 49	1 22	25 12	2 5	15 15	1 35	19 42	1 48	15 19	0 44	23 14	0 12	20 13	2 25	5 27	5 17	0 8		n.a.
M19	8 31	7 48	2 27	17 35	2 20	9 25	1 25	25 7	2 3	15 15	1 35	19 42	1 47	15 18	0 44	23 14	0 12	20 13	2 25	5 27	5 15	0 11		n.a.
T 20	8 54	0 36	1 9	17 28	2 11	9 0	1 27	25 1	2 2	15 15	1 35	19 42	1 47	15 18	0 44	23 14	0 12	20 13	2 25	5 28	5 14	0 15		n.a.
W21	9 17	6n42	0n14	17 17	2 1	8 35	1 30	24 55	2 1	15 15	1 34	19 42	1 47	15 17	0 44	23 14	0 12	20 13	2 25	5 28	5 13	0 18		n.a.
T 22	9 39	13 37	1 37	17 2	1 49	8 10	1 32	24 49	1 59	15 15	1 34	19 42	1 47	15 16	0 44	23 14	0 12	20 13	2 25	5 28	5 11	0 22		n.a.
F 23	10 2	19 40	2 52	16 41	1 36	7 44	1 35	24 42	1 58	15 15	1 34	19 41	1 47	15 16	0 44	23 14	0 12	20 13	2 25	5 27	5 10	0 25		n.a.
S 24	10 24	24 24	3 53	16 15	1 20	7 19	1 37	24 36	1 57	15 15	1 33	19 41	1 47	15 15	0 44	23 14	0 12	20 13	2 25	5 27	5 9	0 29		n.a.
S 25	10 46	27 31	4 39	15 44	1 4	6 52	1 39	24 29	1 55	15 15	1 33	19 41	1 47	15 14	0 44	23 13	0 12	20 13	2 24	5 26	5 8	0 32		n.a.
M26	11 8	28 50	5 6	15 9	0 46	6 26	1 41	24 22	1 54	15 14	1 33	19 40	1 47	15 14	0 44	23 13	0 12	20 13	2 24	5 25	5 6	0 36		n.a.
T 27	11 30	28 25	5 17	14 29	0 26	6 0	1 43	24 15	1 53	15 14	1 33	19 40	1 46	15 13	0 44	23 13	0 12	20 12	2 24	5 25	5 5	0 39		n.a.
W28	11 52	26 27	5 10	13 45	0 6	5 33	1 45	24 7	1 51	15 13	1 32	19 40	1 46	15 13	0 44	23 13	0 12	20 12	2 24	5 24	5 4	0 43		n.a.
T 29	12 13	23 15	4 49	12 59	0n14	5 6	1 47	24 0	1 50	15 13	1 32	19 39	1 46	15 12	0 44	23 13	0 11	20 12	2 24	5 24	5 3	0 46		n.a.
F 30	12 35	19 5	4 16	12 12	0 35	4 39	1 48	23 52	1 49	15 12	1 32	19 39	1 46	15 11	0 44	23 13	0 11	20 12	2 24	5 25	5 1	0 50		n.a.
S 31	12s56	14n15	3n31	11s25	0n55	4n11	1n50	23s44	1s47	15s12	1s32	19s38	1s46	15n11	0n44	23s13	0n11	20n12	2s24	5n25	5n 0	0s53		n.a.

Julian Day Number = 1610660.5, Delta T = 03h53m29s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'29, Lahiri = - 8°08'29 Julian Calendar 1 Oct. 304 BCE == Greg. Calendar 26 Sept. 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

NOVEMBER 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 22 59	4♏46'56	13♍39	0°R32	24♍58	22♑25	23♒49	10♒ 5	21♌37	9♑14	12°R35	13♈36	12♈28	4♎ 4	n.a.	S 1
M 2	2 26 56	5°47'57	25°26	29♎17	26°10	23° 7	23°51	10° 7	21°39	9°16	12♊34	13°38	12°25	4°10	n.a.	M 2
T 3	2 30 52	6°49'00	7♎12	28°10	27°22	23°50	23°53	10° 8	21°40	9°17	12°34	13°39	12°21	4°17	n.a.	T 3
W 4	2 34 49	7°50'04	19° 2	27°11	28°34	24°32	23°55	10°10	21°42	9°18	12°33	13°R39	12°18	4°24	n.a.	W 4
T 5	2 38 45	8°51'09	0♏58	26°24	29°47	25°15	23°57	10°12	21°44	9°19	12°32	13°37	12°15	4°30	n.a.	T 5
F 6	2 42 42	9°52'16	13° 2	25°47	0♎59	25°58	24° 0	10°14	21°45	9°21	12°30	13°35	12°12	4°37	n.a.	F 6
S 7	2 46 38	10°53'23	25°15	25°22	2°12	26°40	24° 3	10°16	21°46	9°22	12°29	13°31	12° 9	4°43	n.a.	S 7
S 8	2 50 35	11°54'31	7♐38	25° 7	3°25	27°23	24° 6	10°18	21°48	9°23	12°28	13°26	12° 5	4°50	n.a.	S 8
M 9	2 54 31	12°55'39	20°14	25°D 4	4°37	28° 6	24° 9	10°20	21°49	9°25	12°27	13°21	12° 2	4°57	n.a.	M 9
T 10	2 58 28	13°56'49	3♑ 2	25°11	5°50	28°48	24°12	10°23	21°50	9°26	12°26	13°16	11°59	5° 3	n.a.	T 10
W11	3 2 25	14°57'59	16° 3	25°27	7° 3	29°31	24°16	10°25	21°51	9°28	12°25	13°12	11°56	5°10	n.a.	W11
T 12	3 6 21	15°59'09	29°20	25°52	8°16	0♒14	24°20	10°28	21°53	9°29	12°24	13° 9	11°53	5°17	n.a.	T 12
F 13	3 10 18	17° 0'20	12♒53	26°25	9°29	0°57	24°24	10°30	21°54	9°31	12°23	13°D 8	11°50	5°23	n.a.	F 13
S 14	3 14 14	18° 1'31	26°43	27° 4	10°42	1°40	24°28	10°33	21°55	9°32	12°22	13° 8	11°46	5°30	n.a.	S 14
S 15	3 18 11	19° 2'42	10♓50	27°50	11°55	2°23	24°32	10°36	21°56	9°34	12°21	13° 9	11°43	5°37	n.a.	S 15
M16	3 22 7	20° 3'53	25°13	28°41	13° 9	3° 5	24°37	10°39	21°56	9°36	12°20	13°10	11°40	5°43	n.a.	M16
T 17	3 26 4	21° 5'05	9♈50	29°36	14°22	3°48	24°41	10°42	21°57	9°37	12°18	13°R11	11°37	5°50	n.a.	T 17
W18	3 30 0	22° 6'17	24°37	0♏36	15°35	4°31	24°46	10°45	21°58	9°39	12°17	13°11	11°34	5°57	n.a.	W18
T 19	3 33 57	23° 7'29	9♉27	1°40	16°49	5°14	24°51	10°48	21°59	9°41	12°16	13° 9	11°31	6° 3	n.a.	T 19
F 20	3 37 54	24° 8'42	24°13	2°46	18° 2	5°57	24°56	10°52	21°59	9°42	12°15	13° 4	11°27	6°10	n.a.	F 20
S 21	3 41 50	25° 9'55	8♊46	3°56	19°16	6°40	25° 2	10°55	22° 0	9°44	12°14	12°58	11°24	6°17	n.a.	S 21
S 22	3 45 47	26°11'09	23° 1	5° 8	20°29	7°23	25° 8	10°59	22° 1	9°46	12°13	12°51	11°21	6°23	n.a.	S 22
M23	3 49 43	27°12'23	6♋51	6°22	21°43	8° 6	25°13	11° 2	22° 1	9°48	12°11	12°43	11°18	6°30	n.a.	M23
T 24	3 53 40	28°13'37	20°15	7°38	22°56	8°49	25°19	11° 6	22° 2	9°49	12°10	12°36	11°15	6°36	n.a.	T 24
W25	3 57 36	29°14'52	3♌14	8°56	24°10	9°31	25°25	11°10	22° 2	9°51	12° 9	12°31	11°11	6°43	n.a.	W25
T 26	4 1 33	0♐16'08	15°48	10°16	25°24	10°14	25°32	11°14	22° 2	9°53	12° 8	12°28	11° 8	6°50	n.a.	T 26
F 27	4 5 30	1°17'23	28° 3	11°36	26°38	10°57	25°38	11°18	22° 3	9°55	12° 7	12°D27	11° 5	6°56	n.a.	F 27
S 28	4 9 26	2°18'39	10♍ 3	12°58	27°52	11°40	25°45	11°22	22° 3	9°57	12° 5	12°27	11° 2	7° 3	n.a.	S 28
S 29	4 13 23	3°19'56	21°54	14°21	29° 5	12°23	25°52	11°26	22° 3	9°59	12° 4	12°28	10°59	7°10	n.a.	S 29
M30	4 17 19	4♐21'12	3♎40	15♏45	0♏19	13♒ 6	25♒59	11♒30	22♌ 3	10♑ 1	12♊ 3	12♈29	10♈56	7♎16	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13s16	8n56	2n38	10s39	1n14	3n43	1n51	23s35	1s46	15s11	1s31	19s38	1s46	15n10	0n44	23s13	0n11	20n12	2s24	5n26	4n59	0s57		n.a.
M 2	13 37	3 21	1 39	9 56	1 32	3 16	1 53	23 27	1 45	15 10	1 31	19 37	1 46	15 10	0 45	23 13	0 11	20 12	2 24	5 26	4 58	1 0		n.a.
T 3	13 57	2s21	0 35	9 17	1 48	2 48	1 54	23 18	1 43	15 9	1 31	19 37	1 46	15 9	0 45	23 13	0 11	20 12	2 24	5 27	4 56	1 3		n.a.
W 4	14 18	8 0	0s30	8 43	2 1	2 20	1 55	23 9	1 42	15 8	1 31	19 36	1 45	15 9	0 45	23 13	0 11	20 12	2 24	5 27	4 55	1 7		n.a.
T 5	14 38	13 25	1 34	8 14	2 13	1 51	1 56	23 0	1 41	15 7	1 30	19 36	1 45	15 8	0 45	23 13	0 11	20 12	2 24	5 26	4 54	1 10		n.a.
F 6	14 57	18 24	2 35	7 52	2 23	1 23	1 57	22 51	1 40	15 6	1 30	19 35	1 45	15 8	0 45	23 13	0 11	20 11	2 24	5 25	4 53	1 14		n.a.
S 7	15 17	22 41	3 29	7 36	2 30	0 55	1 58	22 41	1 38	15 5	1 30	19 34	1 45	15 8	0 45	23 13	0 11	20 11	2 24	5 24	4 51	1 17		n.a.
S 8	15 36	26 2	4 14	7 25	2 36	0 26	1 58	22 31	1 37	15 3	1 29	19 34	1 45	15 7	0 45	23 13	0 11	20 11	2 24	5 22	4 50	1 21		n.a.
M 9	15 55	28 9	4 48	7 21	2 40	0s 3	1 59	22 22	1 36	15 2	1 29	19 33	1 45	15 7	0 45	23 12	0 11	20 11	2 24	5 20	4 49	1 24		n.a.
T 10	16 13	28 49	5 8	7 21	2 42	0 31	1 59	22 11	1 34	15 1	1 29	19 32	1 45	15 6	0 45	23 12	0 11	20 11	2 24	5 18	4 48	1 28		n.a.
W11	16 32	27 55	5 12	7 27	2 43	1 0	2 0	22 1	1 33	14 59	1 29	19 31	1 45	15 6	0 45	23 12	0 11	20 11	2 24	5 16	4 46	1 31		n.a.
T 12	16 50	25 26	5 0	7 36	2 42	1 29	2 0	21 51	1 32	14 58	1 28	19 30	1 45	15 6	0 45	23 12	0 11	20 11	2 24	5 15	4 45	1 35		n.a.
F 13	17 7	21 29	4 32	7 50	2 40	1 58	2 0	21 40	1 31	14 56	1 28	19 30	1 44	15 5	0 45	23 12	0 11	20 11	2 24	5 15	4 44	1 38		n.a.
S 14	17 25	16 18	3 47	8 7	2 37	2 27	2 0	21 29	1 29	14 54	1 28	19 29	1 44	15 5	0 45	23 12	0 11	20 11	2 24	5 15	4 43	1 42		n.a.
S 15	17 42	10 10	2 47	8 26	2 34	2 56	2 0	21 18	1 28	14 53	1 28	19 28	1 44	15 5	0 45	23 12	0 11	20 10	2 24	5 15	4 41	1 45		n.a.
M16	17 59	3 24	1 36	8 49	2 29	3 24	2 0	21 7	1 27	14 51	1 27	19 27	1 44	15 5	0 45	23 12	0 11	20 10	2 24	5 16	4 40	1 49		n.a.
T 17	18 15	3n40	0 18	9 13	2 25	3 53	2 0	20 55	1 26	14 49	1 27	19 26	1 44	15 4	0 45	23 12	0 11	20 10	2 24	5 16	4 39	1 52		n.a.
W18	18 31	10 37	1n 2	9 39	2 19	4 22	2 0	20 44	1 24	14 47	1 27	19 25	1 44	15 4	0 45	23 12	0 11	20 10	2 24	5 16	4 38	1 56		n.a.
T 19	18 47	17 0	2 18	10 7	2 13	4 51	2 0	20 32	1 23	14 45	1 27	19 24	1 44	15 4	0 45	23 11	0 11	20 10	2 24	5 15	4 36	1 59		n.a.
F 20	19 2	22 21	3 24	10 36	2 7	5 19	1 59	20 20	1 22	14 43	1 26	19 23	1 44	15 4	0 45	23 11	0 11	20 10	2 24	5 13	4 35	2 2		n.a.
S 21	19 17	26 15	4 16	11 6	2 0	5 48	1 59	20 8	1 21	14 41	1 26	19 22	1 43	15 4	0 45	23 11	0 11	20 10	2 24	5 11	4 34	2 6		n.a.
S 22	19 32	28 23	4 51	11 37	1 53	6 17	1 58	19 56	1 19	14 39	1 26	19 21	1 43	15 4	0 45	23 11	0 11	20 10	2 24	5 8	4 33	2 9		n.a.
M23	19 47	28 40	5 7	12 8	1 46	6 45	1 57	19 43	1 18	14 37	1 26	19 20	1 43	15 3	0 45	23 11	0 11	20 10	2 24	5 5	4 31	2 13		n.a.
T 24	20 1	27 14	5 6	12 40	1 39	7 13	1 57	19 31	1 17	14 35	1 25	19 18	1 43	15 3	0 46	23 11	0 11	20 9	2 24	5 2	4 30	2 16		n.a.
W25	20 14	24 21	4 49	13 13	1 32	7 42	1 56	19 18	1 16	14 32	1 25	19 17	1 43	15 3	0 46	23 11	0 11	20 9	2 24	5 0	4 29	2 20		n.a.
T 26	20 27	20 24	4 19	13 45	1 24	8 10	1 55	19 5	1 14	14 30	1 25	19 16	1 43	15 3	0 46	23 11	0 11	20 9	2 23	4 59	4 28	2 23		n.a.
F 27	20 40	15 41	3 37	14 17	1 16	8 38	1 54	18 52	1 13	14 27	1 25	19 15	1 43	15 3	0 46	23 11	0 11	20 9	2 23	4 58	4 26	2 27		n.a.
S 28	20 53	10 27	2 46	14 50	1 9	9 5	1 53	18 39	1 12	14 25	1 24	19 14	1 43	15 3	0 46	23 10	0 11	20 9	2 23	4 59	4 25	2 30		n.a.
S 29	21 5	4 55	1 49	15 22	1 1	9 33	1 52	18 26	1 11	14 22	1 24	19 12	1 43	15 3	0 46	23 10	0 11	20 9	2 23	4 59	4 24	2 34		n.a.
M30	21s16	0s45	0n47	15s54	0n54	10s 0	1n50	18s12	1s10	14s20	1s24	19s11	1s43	15n 3	0n46	23s10	0n11	20n 9	2s23	5n 0	4n23	2s37		n.a.

Julian Day Number = 1610691.5, Delta T = 03h53m28s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'25, Lahiri = - 8°08'25 Julian Calendar 1 Nov. 304 BCE == Greg. Calendar 27 Oct. 304 BCE

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ASTRODIENST EPHEMERIS for the year 304 BCE
geocentric

DECEMBER 304 BCE (-303) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 21 16	5♐22'29	15♎28	17♏10	1♏33	13♒49	26♒ 6	11♒34	22°R 3	10♑ 3	12°R 2	12°R29	10♈52	7♎23	n.a.	T 1
W 2	4 25 12	6°23'46	27°21	18°35	2°47	14°32	26°13	11°39	22♌ 3	10° 5	12♊ 0	12♈28	10°49	7°30	n.a.	W 2
T 3	4 29 9	7°25'03	9♏24	20° 2	4° 1	15°15	26°20	11°43	22° 3	10° 7	11°59	12°24	10°46	7°36	n.a.	T 3
F 4	4 33 5	8°26'20	21°38	21°29	5°15	15°58	26°28	11°48	22° 3	10° 9	11°58	12°18	10°43	7°43	n.a.	F 4
S 5	4 37 2	9°27'37	4♐ 6	22°56	6°29	16°41	26°36	11°53	22° 3	10°11	11°57	12° 9	10°40	7°50	n.a.	S 5
S 6	4 40 59	10°28'53	16°49	24°24	7°44	17°24	26°44	11°57	22° 3	10°13	11°55	11°59	10°37	7°56	n.a.	S 6
M 7	4 44 55	11°30'10	29°46	25°53	8°58	18° 6	26°52	12° 2	22° 2	10°15	11°54	11°48	10°33	8° 3	n.a.	M 7
T 8	4 48 52	12°31'26	12♑56	27°22	10°12	18°49	27° 0	12° 7	22° 2	10°17	11°53	11°37	10°30	8°10	n.a.	T 8
W 9	4 52 48	13°32'42	26°18	28°52	11°26	19°32	27° 8	12°12	22° 2	10°19	11°52	11°27	10°27	8°16	n.a.	W 9
T 10	4 56 45	14°33'57	9♒50	0♐22	12°40	20°15	27°17	12°17	22° 1	10°21	11°50	11°20	10°24	8°23	n.a.	T 10
F 11	5 0 41	15°35'11	23°31	1°53	13°54	20°58	27°26	12°22	22° 1	10°23	11°49	11°15	10°21	8°29	n.a.	F 11
S 12	5 4 38	16°36'24	7♓22	3°24	15° 9	21°41	27°34	12°27	22° 0	10°25	11°48	11°13	10°17	8°36	n.a.	S 12
S 13	5 8 34	17°37'37	21°21	4°56	16°23	22°24	27°43	12°33	21°59	10°27	11°46	11°D12	10°14	8°43	n.a.	S 13
M14	5 12 31	18°38'49	5♈28	6°28	17°37	23° 7	27°52	12°38	21°59	10°29	11°45	11°R13	10°11	8°49	n.a.	M14
T 15	5 16 28	19°39'59	19°42	8° 1	18°51	23°49	28° 2	12°43	21°58	10°31	11°44	11°13	10° 8	8°56	n.a.	T 15
W16	5 20 24	20°41'09	4♉ 3	9°34	20° 6	24°32	28°11	12°49	21°57	10°34	11°43	11°11	10° 5	9° 3	n.a.	W16
T 17	5 24 21	21°42'18	18°25	11° 8	21°20	25°15	28°20	12°54	21°56	10°36	11°42	11° 6	10° 2	9° 9	n.a.	T 17
F 18	5 28 17	22°43'27	2♊46	12°42	22°34	25°58	28°30	13° 0	21°55	10°38	11°40	10°58	9°58	9°16	n.a.	F 18
S 19	5 32 14	23°44'34	16°59	14°17	23°49	26°40	28°40	13° 6	21°55	10°40	11°39	10°48	9°55	9°23	n.a.	S 19
S 20	5 36 10	24°45'41	0♋59	15°52	25° 3	27°23	28°50	13°11	21°54	10°42	11°38	10°36	9°52	9°29	n.a.	S 20
M21	5 40 7	25°46'47	14°40	17°28	26°17	28° 6	28°59	13°17	21°53	10°45	11°37	10°24	9°49	9°36	n.a.	M21
T 22	5 44 4	26°47'52	28° 1	19° 4	27°32	28°49	29°10	13°23	21°51	10°47	11°35	10°12	9°46	9°43	n.a.	T 22
W23	5 48 0	27°48'56	10♌59	20°41	28°46	29°31	29°20	13°29	21°50	10°49	11°34	10° 2	9°43	9°49	n.a.	W23
T 24	5 51 57	28°50'00	23°35	22°19	0♐ 0	0♓14	29°30	13°35	21°49	10°51	11°33	9°55	9°39	9°56	n.a.	T 24
F 25	5 55 53	29°51'03	5♍52	23°57	1°15	0°56	29°41	13°41	21°48	10°54	11°32	9°50	9°36	10° 3	n.a.	F 25
S 26	5 59 50	0♑52'05	17°53	25°36	2°29	1°39	29°51	13°47	21°47	10°56	11°31	9°48	9°33	10° 9	n.a.	S 26
S 27	6 3 46	1°53'06	29°45	27°16	3°44	2°22	0♓ 2	13°53	21°45	10°58	11°29	9°D47	9°30	10°16	n.a.	S 27
M28	6 7 43	2°54'06	11♎33	28°56	4°58	3° 4	0°12	13°59	21°44	11° 0	11°28	9°R47	9°27	10°22	n.a.	M28
T 29	6 11 39	3°55'06	23°21	0♑37	6°13	3°47	0°23	14° 6	21°42	11° 3	11°27	9°47	9°23	10°29	n.a.	T 29
W30	6 15 36	4°56'05	5♏17	2°18	7°27	4°29	0°34	14°12	21°41	11° 5	11°26	9°44	9°20	10°36	n.a.	W30
T 31	6 19 33	5♑57'03	17♏23	4♑ 0	8♐41	5♓12	0♓45	14♒18	21♌39	11♑ 7	11♊25	9♈40	9♈17	10♎42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21s28	6s24	0s16	16s26	0n46	10s27	1n49	17s59	1s 8	14s17	1s24	19s10	1s42	15n 3	0n46	23s10	0n11	20n 9	2s23	5n 0	4n21	2s41			n.a.
W 2	21 39	11 53	1 19	16 57	0 38	10 54	1 48	17 45	1 7	14 14	1 23	19 8	1 42	15 3	0 46	23 10	0 11	20 9	2 23	4 59	4 20	2 44			n.a.
T 3	21 49	17 0	2 19	17 28	0 31	11 21	1 46	17 31	1 6	14 11	1 23	19 7	1 42	15 3	0 46	23 10	0 11	20 8	2 23	4 58	4 19	2 48			n.a.
F 4	21 59	21 31	3 14	17 59	0 23	11 47	1 45	17 17	1 5	14 9	1 23	19 6	1 42	15 3	0 46	23 10	0 11	20 8	2 23	4 55	4 17	2 51			n.a.
S 5	22 9	25 9	4 0	18 29	0 16	12 14	1 43	17 3	1 4	14 6	1 23	19 4	1 42	15 3	0 46	23 9	0 11	20 8	2 23	4 52	4 16	2 54			n.a.
S 6	22 18	27 38	4 35	18 58	0 8	12 40	1 41	16 48	1 3	14 3	1 22	19 3	1 42	15 3	0 46	23 9	0 11	20 8	2 23	4 48	4 15	2 58			n.a.
M 7	22 26	28 41	4 57	19 27	0 1	13 5	1 40	16 34	1 2	14 0	1 22	19 1	1 42	15 4	0 46	23 9	0 11	20 8	2 23	4 43	4 14	3 1			n.a.
T 8	22 35	28 8	5 4	19 55	0s 6	13 30	1 38	16 19	1 0	13 57	1 22	19 0	1 42	15 4	0 46	23 9	0 11	20 8	2 23	4 39	4 12	3 5			n.a.
W 9	22 42	25 57	4 54	20 22	0 13	13 55	1 36	16 5	0 59	13 54	1 22	18 58	1 42	15 4	0 46	23 9	0 11	20 8	2 23	4 35	4 11	3 8			n.a.
T 10	22 50	22 17	4 27	20 48	0 20	14 20	1 34	15 50	0 58	13 50	1 22	18 57	1 42	15 4	0 46	23 9	0 11	20 8	2 23	4 32	4 10	3 12			n.a.
F 11	22 57	17 23	3 45	21 14	0 27	14 44	1 32	15 35	0 57	13 47	1 21	18 55	1 42	15 4	0 46	23 9	0 11	20 8	2 23	4 30	4 9	3 15			n.a.
S 12	23 3	11 32	2 50	21 38	0 33	15 8	1 30	15 20	0 56	13 44	1 21	18 54	1 41	15 5	0 46	23 8	0 11	20 7	2 23	4 29	4 7	3 19			n.a.
S 13	23 9	5 3	1 44	22 2	0 40	15 32	1 28	15 5	0 55	13 41	1 21	18 52	1 41	15 5	0 46	23 8	0 11	20 7	2 23	4 29	4 6	3 22			n.a.
M14	23 15	1n44	0 31	22 25	0 46	15 55	1 26	14 49	0 54	13 37	1 21	18 51	1 41	15 5	0 46	23 8	0 11	20 7	2 22	4 29	4 5	3 26			n.a.
T 15	23 20	8 30	0n45	22 46	0 52	16 18	1 24	14 34	0 53	13 34	1 20	18 49	1 41	15 5	0 46	23 8	0 11	20 7	2 22	4 29	4 4	3 29			n.a.
W16	23 24	14 52	1 58	23 7	0 58	16 40	1 22	14 19	0 51	13 30	1 20	18 47	1 41	15 6	0 46	23 8	0 11	20 7	2 22	4 29	4 2	3 33			n.a.
T 17	23 28	20 28	3 4	23 26	1 4	17 2	1 20	14 3	0 50	13 27	1 20	18 46	1 41	15 6	0 47	23 8	0 11	20 7	2 22	4 27	4 1	3 36			n.a.
F 18	23 32	24 51	3 58	23 45	1 9	17 24	1 17	13 47	0 49	13 23	1 20	18 44	1 41	15 6	0 47	23 7	0 11	20 7	2 22	4 24	4 0	3 39			n.a.
S 19	23 35	27 40	4 36	24 2	1 15	17 45	1 15	13 32	0 48	13 20	1 20	18 42	1 41	15 7	0 47	23 7	0 11	20 7	2 22	4 20	3 59	3 43			n.a.
S 20	23 38	28 41	4 57	24 18	1 20	18 5	1 13	13 16	0 47	13 16	1 19	18 40	1 41	15 7	0 47	23 7	0 11	20 7	2 22	4 15	3 57	3 46			n.a.
M21	23 40	27 53	5 0	24 32	1 25	18 25	1 10	13 0	0 46	13 12	1 19	18 39	1 41	15 7	0 47	23 7	0 11	20 7	2 22	4 10	3 56	3 50			n.a.
T 22	23 42	25 30	4 47	24 46	1 29	18 45	1 8	12 44	0 45	13 8	1 19	18 37	1 41	15 8	0 47	23 7	0 11	20 7	2 22	4 5	3 55	3 53			n.a.
W23	23 43	21 50	4 19	24 58	1 34	19 4	1 5	12 28	0 44	13 5	1 19	18 35	1 41	15 8	0 47	23 7	0 11	20 6	2 22	4 1	3 54	3 57			n.a.
T 24	23 44	17 16	3 39	25 8	1 38	19 23	1 3	12 12	0 43	13 1	1 19	18 33	1 41	15 9	0 47	23 6	0 11	20 6	2 22	3 58	3 52	4 0			n.a.
F 25	23 44	12 6	2 49	25 17	1 42	19 41	1 0	11 55	0 42	12 57	1 18	18 32	1 41	15 9	0 47	23 6	0 11	20 6	2 22	3 57	3 51	4 4			n.a.
S 26	23 44	6 35	1 53	25 25	1 45	19 58	0 58	11 39	0 41	12 53	1 18	18 30	1 41	15 10	0 47	23 6	0 11	20 6	2 22	3 56	3 50	4 7			n.a.
S 27	23 43	0 54	0 53	25 31	1 48	20 15	0 55	11 23	0 40	12 49	1 18	18 28	1 40	15 10	0 47	23 6	0 11	20 6	2 21	3 55	3 48	4 11			n.a.
M28	23 42	4s46	0s 9	25 35	1 51	20 32	0 52	11 6	0 39	12 45	1 18	18 26	1 40	15 11	0 47	23 6	0 11	20 6	2 21	3 55	3 47	4 14			n.a.
T 29	23 41	10 17	1 11	25 38	1 54	20 48	0 50	10 50	0 38	12 41	1 18	18 24	1 40	15 11	0 47	23 6	0 11	20 6	2 21	3 55	3 46	4 17			n.a.
W30	23 38	15 29	2 11	25 39	1 56	21 3	0 47	10 33	0 37	12 37	1 18	18 22	1 40	15 12	0 47	23 5	0 11	20 6	2 21	3 54	3 45	4 21			n.a.
T 31	23s36	20s11	3s 5	25s38	1s58	21s17	0n44	10s16	0s36	12s33	1s17	18s20	1s40	15n12	0n47	23s 5	0n11	20n 6	2s21	3n52	3n43	4s24			n.a.

Julian Day Number = 1610721.5, Delta T = 03h53m27s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'21, Lahiri = - 8°08'21 Julian Calendar 1 Dec. 304 BCE == Greg. Calendar 26 Nov. 304 BCE

The year -303 astronomical counting style corresponds to year 304 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

JANUARY 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 23 29	6♑57'59	29♏45	5♑43	9♐56	5♓54	0♓57	14♒25	21°R38	11♑ 9	11°R24	9°R32	9♈14	10♎49	n.a.	F 1
S 2	6 27 26	7°58'55	12♐26	7°27	11°10	6°37	1° 8	14°31	21♌36	11°12	11♊23	9♈22	9°11	10°56	n.a.	S 2
S 3	6 31 22	8°59'50	25°25	9°11	12°25	7°19	1°19	14°38	21°35	11°14	11°22	9°10	9° 8	11° 2	n.a.	S 3
M 4	6 35 19	10° 0'44	8♑43	10°56	13°39	8° 2	1°31	14°44	21°33	11°16	11°20	8°56	9° 4	11° 9	n.a.	M 4
T 5	6 39 15	11° 1'36	22°18	12°42	14°54	8°44	1°42	14°51	21°31	11°18	11°19	8°43	9° 1	11°16	n.a.	T 5
W 6	6 43 12	12° 2'27	6♒ 6	14°28	16° 8	9°26	1°54	14°58	21°29	11°21	11°18	8°31	8°58	11°22	n.a.	W 6
T 7	6 47 9	13° 3'16	20° 3	16°15	17°23	10° 9	2° 6	15° 4	21°27	11°23	11°17	8°22	8°55	11°29	n.a.	T 7
F 8	6 51 5	14° 4'04	4♓ 7	18° 3	18°37	10°51	2°18	15°11	21°26	11°25	11°16	8°16	8°52	11°36	n.a.	F 8
S 9	6 55 2	15° 4'49	18°12	19°51	19°52	11°33	2°30	15°18	21°24	11°28	11°15	8°12	8°49	11°42	n.a.	S 9
S 10	6 58 58	16° 5'33	2♈19	21°40	21° 6	12°16	2°42	15°25	21°22	11°30	11°14	8°11	8°45	11°49	n.a.	S 10
M11	7 2 55	17° 6'16	16°24	23°29	22°21	12°58	2°54	15°32	21°20	11°32	11°13	8°11	8°42	11°55	n.a.	M11
T 12	7 6 51	18° 6'56	0♉28	25°19	23°35	13°40	3° 6	15°39	21°18	11°34	11°12	8°11	8°39	12° 2	n.a.	T 12
W13	7 10 48	19° 7'35	14°29	27° 9	24°49	14°22	3°18	15°45	21°16	11°37	11°11	8° 9	8°36	12° 9	n.a.	W13
T 14	7 14 44	20° 8'11	28°28	28°59	26° 4	15° 5	3°31	15°52	21°14	11°39	11°10	8° 4	8°33	12°15	n.a.	T 14
F 15	7 18 41	21° 8'46	12♊21	0♒48	27°18	15°47	3°43	15°59	21°11	11°41	11° 9	7°57	8°29	12°22	n.a.	F 15
S 16	7 22 38	22° 9'19	26° 6	2°38	28°33	16°29	3°56	16° 6	21° 9	11°43	11° 8	7°46	8°26	12°29	n.a.	S 16
S 17	7 26 34	23° 9'51	9♋41	4°27	29°47	17°11	4° 8	16°14	21° 7	11°46	11° 8	7°34	8°23	12°35	n.a.	S 17
M18	7 30 31	24°10'20	23° 2	6°16	1♑ 2	17°53	4°21	16°21	21° 5	11°48	11° 7	7°22	8°20	12°42	n.a.	M18
T 19	7 34 27	25°10'48	6♌ 7	8° 3	2°16	18°35	4°34	16°28	21° 3	11°50	11° 6	7°10	8°17	12°49	n.a.	T 19
W20	7 38 24	26°11'14	18°54	9°49	3°30	19°17	4°46	16°35	21° 0	11°52	11° 5	6°59	8°14	12°55	n.a.	W20
T 21	7 42 20	27°11'38	1♍24	11°33	4°45	19°59	4°59	16°42	20°58	11°55	11° 4	6°51	8°10	13° 2	n.a.	T 21
F 22	7 46 17	28°12'01	13°38	13°15	5°59	20°41	5°12	16°49	20°56	11°57	11° 3	6°46	8° 7	13° 9	n.a.	F 22
S 23	7 50 13	29°12'22	25°39	14°54	7°14	21°23	5°25	16°57	20°53	11°59	11° 3	6°44	8° 4	13°15	n.a.	S 23
S 24	7 54 10	0♒12'42	7♎32	16°30	8°28	22° 4	5°38	17° 4	20°51	12° 1	11° 2	6°D43	8° 1	13°22	n.a.	S 24
M25	7 58 7	1°12'59	19°19	18° 1	9°42	22°46	5°51	17°11	20°49	12° 3	11° 1	6°44	7°58	13°29	n.a.	M25
T 26	8 2 3	2°13'16	1♏ 8	19°29	10°57	23°28	6° 4	17°18	20°46	12° 6	11° 0	6°R44	7°55	13°35	n.a.	T 26
W27	8 6 0	3°13'30	13° 4	20°51	12°11	24°10	6°18	17°26	20°44	12° 8	11° 0	6°43	7°51	13°42	n.a.	W27
T 28	8 9 56	4°13'43	25°11	22° 8	13°26	24°52	6°31	17°33	20°41	12°10	10°59	6°41	7°48	13°48	n.a.	T 28
F 29	8 13 53	5°13'55	7♐35	23°18	14°40	25°33	6°44	17°40	20°39	12°12	10°58	6°36	7°45	13°55	n.a.	F 29
S 30	8 17 49	6°14'05	20°20	24°21	15°54	26°15	6°58	17°48	20°36	12°14	10°58	6°29	7°42	14° 2	n.a.	S 30
S 31	8 21 46	7♒14'13	3♑28	25♒17	17♑ 9	26♓57	7♓11	17♒55	20♌34	12♑16	10♊57	6♈21	7♈39	14♎ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s33	24s 7	3s52	25s36	2s 0	21s31	0n42	10s 0	0s35	12s28	1s17	18s18	1s40	15n13	0n47	23s 5	0n10	20n 6	2s21	3n49	3n42	4s28		n.a.
S 2	23 29	26 59	4 28	25 32	2 1	21 45	0 39	9 43	0 34	12 24	1 17	18 16	1 40	15 13	0 47	23 5	0 10	20 6	2 21	3 45	3 41	4 31		n.a.
S 3	23 25	28 31	4 51	25 26	2 1	21 58	0 36	9 26	0 33	12 20	1 17	18 14	1 40	15 14	0 47	23 5	0 10	20 6	2 21	3 40	3 40	4 35		n.a.
M 4	23 21	28 26	5 0	25 18	2 2	22 10	0 34	9 9	0 32	12 16	1 17	18 12	1 40	15 14	0 47	23 5	0 10	20 6	2 21	3 35	3 38	4 38		n.a.
T 5	23 16	26 39	4 52	25 8	2 1	22 21	0 31	8 52	0 31	12 11	1 17	18 10	1 40	15 15	0 47	23 4	0 10	20 5	2 21	3 30	3 37	4 42		n.a.
W 6	23 11	23 16	4 26	24 56	2 1	22 32	0 28	8 35	0 30	12 7	1 16	18 8	1 40	15 16	0 47	23 4	0 10	20 5	2 21	3 25	3 36	4 45		n.a.
T 7	23 5	18 32	3 45	24 42	2 0	22 42	0 25	8 18	0 29	12 2	1 16	18 6	1 40	15 16	0 47	23 4	0 10	20 5	2 21	3 21	3 35	4 48		n.a.
F 8	22 59	12 45	2 50	24 27	1 58	22 52	0 23	8 1	0 28	11 58	1 16	18 4	1 40	15 17	0 47	23 4	0 10	20 5	2 20	3 19	3 33	4 52		n.a.
S 9	22 52	6 18	1 44	24 9	1 56	23 1	0 20	7 44	0 27	11 54	1 16	18 2	1 40	15 17	0 47	23 4	0 10	20 5	2 20	3 18	3 32	4 55		n.a.
S 10	22 45	0n27	0 31	23 49	1 53	23 9	0 17	7 27	0 26	11 49	1 16	18 0	1 40	15 18	0 47	23 3	0 10	20 5	2 20	3 17	3 31	4 59		n.a.
M11	22 37	7 11	0n43	23 28	1 49	23 16	0 15	7 9	0 25	11 44	1 16	17 58	1 40	15 19	0 47	23 3	0 10	20 5	2 20	3 17	3 30	5 2		n.a.
T 12	22 29	13 34	1 55	23 4	1 45	23 23	0 12	6 52	0 24	11 40	1 16	17 56	1 40	15 20	0 47	23 3	0 10	20 5	2 20	3 17	3 28	5 6		n.a.
W13	22 21	19 14	2 59	22 38	1 41	23 29	0 9	6 35	0 23	11 35	1 15	17 54	1 40	15 20	0 47	23 3	0 10	20 5	2 20	3 16	3 27	5 9		n.a.
T 14	22 12	23 50	3 53	22 10	1 36	23 34	0 6	6 17	0 22	11 31	1 15	17 52	1 40	15 21	0 48	23 3	0 10	20 5	2 20	3 14	3 26	5 13		n.a.
F 15	22 3	27 3	4 32	21 41	1 30	23 39	0 4	6 0	0 21	11 26	1 15	17 49	1 40	15 22	0 48	23 2	0 10	20 5	2 20	3 11	3 24	5 16		n.a.
S 16	21 53	28 35	4 55	21 9	1 23	23 43	0 1	5 43	0 20	11 21	1 15	17 47	1 40	15 22	0 48	23 2	0 10	20 5	2 20	3 7	3 23	5 19		n.a.
S 17	21 43	28 23	5 1	20 36	1 16	23 46	0s 2	5 25	0 20	11 16	1 15	17 45	1 40	15 23	0 48	23 2	0 10	20 5	2 20	3 2	3 22	5 23		n.a.
M18	21 33	26 30	4 50	20 2	1 7	23 48	0 4	5 8	0 19	11 12	1 15	17 43	1 40	15 24	0 48	23 2	0 10	20 5	2 19	2 57	3 21	5 26		n.a.
T 19	21 22	23 14	4 24	19 25	0 59	23 50	0 7	4 51	0 18	11 7	1 15	17 41	1 40	15 25	0 48	23 2	0 10	20 5	2 19	2 53	3 19	5 30		n.a.
W20	21 10	18 54	3 45	18 48	0 49	23 51	0 10	4 33	0 17	11 2	1 15	17 39	1 40	15 25	0 48	23 2	0 10	20 5	2 19	2 48	3 18	5 33		n.a.
T 21	20 59	13 51	2 56	18 9	0 39	23 51	0 12	4 16	0 16	10 57	1 14	17 36	1 40	15 26	0 48	23 1	0 10	20 5	2 19	2 45	3 17	5 37		n.a.
F 22	20 47	8 21	2 0	17 29	0 28	23 51	0 15	3 58	0 15	10 52	1 14	17 34	1 40	15 27	0 48	23 1	0 10	20 5	2 19	2 43	3 16	5 40		n.a.
S 23	20 34	2 39	0 59	16 49	0 16	23 49	0 17	3 41	0 14	10 47	1 14	17 32	1 40	15 28	0 48	23 1	0 10	20 5	2 19	2 42	3 14	5 43		n.a.
S 24	20 21	3s 5	0s 4	16 9	0 3	23 47	0 20	3 23	0 13	10 42	1 14	17 30	1 40	15 28	0 48	23 1	0 10	20 5	2 19	2 42	3 13	5 47		n.a.
M25	20 8	8 41	1 7	15 28	0n10	23 45	0 22	3 6	0 13	10 37	1 14	17 28	1 40	15 29	0 48	23 1	0 10	20 5	2 19	2 42	3 12	5 50		n.a.
T 26	19 54	13 59	2 7	14 48	0 23	23 41	0 25	2 48	0 12	10 32	1 14	17 25	1 40	15 30	0 48	23 0	0 10	20 5	2 19	2 42	3 10	5 54		n.a.
W27	19 41	18 50	3 1	14 8	0 37	23 37	0 27	2 31	0 11	10 27	1 14	17 23	1 40	15 31	0 48	23 0	0 10	20 5	2 19	2 42	3 9	5 57		n.a.
T 28	19 26	23 0	3 49	13 29	0 52	23 32	0 30	2 13	0 10	10 22	1 14	17 21	1 40	15 32	0 48	23 0	0 10	20 5	2 18	2 41	3 8	6 1		n.a.
F 29	19 12	26 14	4 27	12 52	1 7	23 27	0 32	1 56	0 9	10 17	1 14	17 18	1 40	15 32	0 48	23 0	0 10	20 5	2 18	2 39	3 7	6 4		n.a.
S 30	18 57	28 15	4 53	12 17	1 22	23 21	0 34	1 38	0 8	10 12	1 13	17 16	1 40	15 33	0 48	23 0	0 10	20 5	2 18	2 36	3 5	6 7		n.a.
S 31	18s41	28s45	5s 4	11s44	1n37	23s14	0s37	1s21	0s 7	10s 7	1s13	17s14	1s40	15n34	0n48	22s59	0n10	20n 5	2s18	2n33	3n 4	6s11		n.a.

Julian Day Number = 1610752.5, Delta T = 03h53m26s
Ecliptic obliquity = 23°44'03, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'17, Lahiri = - 8°08'16 Julian Calendar 1 Jan. 303 BCE == Greg. Calendar 27 Dec. 304 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

FEBRUARY 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 25 42	8♒14'19	17♑ 0	26♒ 6	18♑23	27♓38	7♓25	18♒ 3	20°R31	12♑18	10°R56	6°R11	7♈35	14♎15	n.a.	M 1
T 2	8 29 39	9°14'23	0♒53	26°45	19°38	28°20	7°38	18°10	20♌29	12°20	10♊56	6♈ 1	7°32	14°22	n.a.	T 2
W 3	8 33 36	10°14'26	15° 4	27°16	20°52	29° 1	7°52	18°17	20°26	12°23	10°55	5°52	7°29	14°28	n.a.	W 3
T 4	8 37 32	11°14'26	29°28	27°38	22° 6	29°43	8° 5	18°25	20°24	12°25	10°55	5°45	7°26	14°35	n.a.	T 4
F 5	8 41 29	12°14'24	13♓58	27°52	23°21	0♈24	8°19	18°32	20°21	12°27	10°54	5°40	7°23	14°42	n.a.	F 5
S 6	8 45 25	13°14'20	28°29	27°R56	24°35	1° 6	8°33	18°40	20°19	12°29	10°54	5°38	7°20	14°48	n.a.	S 6
S 7	8 49 22	14°14'13	12♈56	27°51	25°49	1°47	8°47	18°47	20°16	12°31	10°53	5°D38	7°16	14°55	n.a.	S 7
M 8	8 53 18	15°14'04	27°14	27°37	27° 4	2°29	9° 1	18°55	20°13	12°33	10°53	5°39	7°13	15° 2	n.a.	M 8
T 9	8 57 15	16°13'53	11♉22	27°15	28°18	3°10	9°14	19° 2	20°11	12°35	10°52	5°R40	7°10	15° 8	n.a.	T 9
W10	9 1 11	17°13'40	25°19	26°45	29°32	3°51	9°28	19°10	20° 8	12°37	10°52	5°40	7° 7	15°15	n.a.	W10
T 11	9 5 8	18°13'24	9♊ 5	26° 9	0♒47	4°33	9°42	19°17	20° 6	12°39	10°51	5°38	7° 4	15°22	n.a.	T 11
F 12	9 9 5	19°13'06	22°38	25°27	2° 1	5°14	9°56	19°25	20° 3	12°41	10°51	5°34	7° 1	15°28	n.a.	F 12
S 13	9 13 1	20°12'45	6♋ 0	24°39	3°15	5°55	10°10	19°32	20° 0	12°42	10°51	5°28	6°57	15°35	n.a.	S 13
S 14	9 16 58	21°12'22	19°10	23°48	4°29	6°36	10°24	19°40	19°58	12°44	10°50	5°21	6°54	15°41	n.a.	S 14
M15	9 20 54	22°11'57	2♌ 7	22°54	5°44	7°17	10°38	19°47	19°55	12°46	10°50	5°13	6°51	15°48	n.a.	M15
T 16	9 24 51	23°11'30	14°50	21°58	6°58	7°59	10°52	19°55	19°53	12°48	10°50	5° 5	6°48	15°55	n.a.	T 16
W17	9 28 47	24°11'00	27°21	21° 3	8°12	8°40	11° 6	20° 2	19°50	12°50	10°50	4°59	6°45	16° 1	n.a.	W17
T 18	9 32 44	25°10'28	9♍39	20° 8	9°26	9°21	11°21	20°10	19°47	12°52	10°49	4°54	6°41	16° 8	n.a.	T 18
F 19	9 36 40	26° 9'54	21°45	19°15	10°41	10° 2	11°35	20°17	19°45	12°53	10°49	4°51	6°38	16°15	n.a.	F 19
S 20	9 40 37	27° 9'18	3♎42	18°25	11°55	10°43	11°49	20°24	19°42	12°55	10°49	4°D50	6°35	16°21	n.a.	S 20
S 21	9 44 33	28° 8'40	15°33	17°39	13° 9	11°24	12° 3	20°32	19°40	12°57	10°49	4°51	6°32	16°28	n.a.	S 21
M22	9 48 30	29° 8'00	27°20	16°57	14°23	12° 5	12°17	20°39	19°37	12°59	10°49	4°52	6°29	16°35	n.a.	M22
T 23	9 52 27	0♓ 7'18	9♏ 9	16°21	15°37	12°46	12°32	20°47	19°34	13° 0	10°49	4°54	6°26	16°41	n.a.	T 23
W24	9 56 23	1° 6'35	21° 5	15°50	16°52	13°26	12°46	20°54	19°32	13° 2	10°48	4°56	6°22	16°48	n.a.	W24
T 25	10 0 20	2° 5'49	3♐11	15°24	18° 6	14° 7	13° 0	21° 2	19°29	13° 4	10°48	4°R56	6°19	16°55	n.a.	T 25
F 26	10 4 16	3° 5'02	15°34	15° 4	19°20	14°48	13°14	21° 9	19°27	13° 5	10°48	4°55	6°16	17° 1	n.a.	F 26
S 27	10 8 13	4° 4'13	28°17	14°50	20°34	15°29	13°29	21°16	19°24	13° 7	10°D48	4°53	6°13	17° 8	n.a.	S 27
S 28	10 12 9	5♓ 3'21	11♑24	14♒42	21♒48	16♈10	13♓43	21♒24	19♌22	13♑ 9	10♊48	4♈50	6♈10	17♎15	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s26	27s35	4s59	11s13	1n52	23s 6	0s39	1s 3	0s 7	10s 1	1s13	17s12	1s40	15n35	0n48	22s59	0n10	20n 5	2s18	2n29	3n 3	6s14		n.a.
T 2	18 10	24 42	4 37	10 46	2 7	22 58	0 41	0 46	0 6	9 56	1 13	17 9	1 40	15 36	0 48	22 59	0 10	20 5	2 18	2 25	3 2	6 18		n.a.
W 3	17 54	20 17	3 57	10 21	2 21	22 48	0 43	0 28	0 5	9 51	1 13	17 7	1 40	15 37	0 48	22 59	0 10	20 5	2 18	2 21	3 0	6 21		n.a.
T 4	17 37	14 37	3 1	10 1	2 35	22 39	0 46	0 11	0 4	9 46	1 13	17 5	1 40	15 37	0 48	22 59	0 10	20 5	2 18	2 19	2 59	6 24		n.a.
F 5	17 20	8 8	1 54	9 44	2 49	22 28	0 48	0n 7	0 3	9 41	1 13	17 2	1 40	15 38	0 48	22 59	0 10	20 5	2 18	2 17	2 58	6 28		n.a.
S 6	17 3	1 12	0 38	9 31	3 1	22 17	0 50	0 24	0 3	9 35	1 13	17 0	1 40	15 39	0 48	22 58	0 10	20 5	2 18	2 16	2 57	6 31		n.a.
S 7	16 46	5n46	0n39	9 22	3 12	22 5	0 52	0 41	0 2	9 30	1 13	16 58	1 40	15 40	0 48	22 58	0 10	20 5	2 17	2 16	2 55	6 35		n.a.
M 8	16 28	12 23	1 54	9 17	3 22	21 53	0 54	0 59	0 1	9 25	1 13	16 55	1 40	15 41	0 48	22 58	0 10	20 5	2 17	2 16	2 54	6 38		n.a.
T 9	16 10	18 17	3 0	9 17	3 31	21 40	0 56	1 16	0 0	9 19	1 13	16 53	1 40	15 42	0 48	22 58	0 10	20 5	2 17	2 17	2 53	6 42		n.a.
W10	15 52	23 8	3 55	9 20	3 38	21 26	0 57	1 33	0n 0	9 14	1 13	16 51	1 40	15 42	0 48	22 58	0 10	20 5	2 17	2 17	2 51	6 45		n.a.
T 11	15 33	26 38	4 36	9 28	3 43	21 12	0 59	1 51	0 1	9 9	1 12	16 48	1 40	15 43	0 48	22 57	0 10	20 5	2 17	2 16	2 50	6 48		n.a.
F 12	15 15	28 32	5 0	9 39	3 46	20 57	1 1	2 8	0 2	9 3	1 12	16 46	1 40	15 44	0 48	22 57	0 10	20 5	2 17	2 14	2 49	6 52		n.a.
S 13	14 56	28 44	5 8	9 53	3 48	20 41	1 3	2 25	0 3	8 58	1 12	16 44	1 40	15 45	0 48	22 57	0 10	20 5	2 17	2 12	2 48	6 55		n.a.
S 14	14 36	27 17	4 59	10 11	3 47	20 25	1 4	2 42	0 3	8 52	1 12	16 41	1 41	15 46	0 48	22 57	0 10	20 6	2 17	2 9	2 46	6 59		n.a.
M15	14 17	24 24	4 35	10 31	3 45	20 8	1 6	2 59	0 4	8 47	1 12	16 39	1 41	15 47	0 48	22 57	0 10	20 6	2 17	2 6	2 45	7 2		n.a.
T 16	13 57	20 22	3 58	10 53	3 40	19 51	1 8	3 17	0 5	8 41	1 12	16 37	1 41	15 48	0 48	22 57	0 10	20 6	2 16	2 3	2 44	7 5		n.a.
W17	13 37	15 30	3 9	11 17	3 34	19 33	1 9	3 34	0 6	8 36	1 12	16 34	1 41	15 48	0 48	22 56	0 10	20 6	2 16	2 0	2 43	7 9		n.a.
T 18	13 17	10 5	2 13	11 42	3 26	19 15	1 11	3 51	0 6	8 30	1 12	16 32	1 41	15 49	0 48	22 56	0 10	20 6	2 16	1 58	2 41	7 12		n.a.
F 19	12 57	4 23	1 11	12 8	3 16	18 56	1 12	4 8	0 7	8 25	1 12	16 30	1 41	15 50	0 48	22 56	0 10	20 6	2 16	1 57	2 40	7 15		n.a.
S 20	12 37	1s24	0 6	12 33	3 5	18 36	1 13	4 25	0 8	8 19	1 12	16 27	1 41	15 51	0 48	22 56	0 10	20 6	2 16	1 57	2 39	7 19		n.a.
S 21	12 16	7 5	0s58	12 59	2 53	18 16	1 15	4 41	0 8	8 14	1 12	16 25	1 41	15 52	0 48	22 56	0 10	20 6	2 16	1 57	2 37	7 22		n.a.
M22	11 55	12 31	2 0	13 24	2 40	17 55	1 16	4 58	0 9	8 8	1 12	16 23	1 41	15 52	0 48	22 56	0 10	20 6	2 16	1 58	2 36	7 26		n.a.
T 23	11 34	17 30	2 57	13 48	2 27	17 34	1 17	5 15	0 10	8 3	1 12	16 20	1 41	15 53	0 48	22 55	0 10	20 6	2 16	1 58	2 35	7 29		n.a.
W24	11 13	21 53	3 46	14 11	2 12	17 13	1 18	5 32	0 11	7 57	1 12	16 18	1 41	15 54	0 48	22 55	0 10	20 6	2 15	1 59	2 34	7 32		n.a.
T 25	10 51	25 24	4 27	14 33	1 58	16 51	1 19	5 48	0 11	7 52	1 12	16 16	1 41	15 55	0 48	22 55	0 10	20 6	2 15	1 59	2 32	7 36		n.a.
F 26	10 30	27 50	4 56	14 53	1 43	16 28	1 20	6 5	0 12	7 46	1 12	16 13	1 41	15 56	0 48	22 55	0 10	20 7	2 15	1 59	2 31	7 39		n.a.
S 27	10 8	28 54	5 11	15 11	1 28	16 5	1 21	6 22	0 13	7 40	1 12	16 11	1 41	15 56	0 48	22 55	0 10	20 7	2 15	1 58	2 30	7 43		n.a.
S 28	9s46	28s24	5s11	15s28	1n13	15s42	1s22	6n38	0n13	7s35	1s12	16s 9	1s42	15n57	0n48	22s55	0n10	20n 7	2s15	1n56	2n29	7s46		n.a.

Julian Day Number = 1610783.5, Delta T = 03h53m25s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'13, Lahiri = - 8°08'12 Julian Calendar 1 Feb. 303 BCE == Greg. Calendar 27 Jan. 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

MARCH 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 16 6	6♓ 2'28	24♉58	14°D39	23♒ 3	16♈50	13♓58	21♒31	19°R19	13♉10	10♊48	4°R46	6♈ 7	17♎21	n.a.	M 1
T 2	10 20 2	7° 1'33	8♒57	14♒42	24°17	17°31	14°12	21°38	19♌17	13°12	10°48	4♈41	6° 3	17°28	n.a.	T 2
W 3	10 23 59	8° 0'36	23°20	14°51	25°31	18°12	14°26	21°46	19°14	13°13	10°49	4°37	6° 0	17°34	n.a.	W 3
T 4	10 27 56	8°59'37	8♓ 1	15° 4	26°45	18°52	14°41	21°53	19°12	13°15	10°49	4°34	5°57	17°41	n.a.	T 4
F 5	10 31 52	9°58'36	22°53	15°23	27°59	19°33	14°55	22° 0	19°10	13°16	10°49	4°33	5°54	17°48	n.a.	F 5
S 6	10 35 49	10°57'32	7♈49	15°46	29°13	20°13	15° 9	22° 7	19° 7	13°18	10°49	4°D33	5°51	17°54	n.a.	S 6
S 7	10 39 45	11°56'26	22°39	16°14	0♓27	20°54	15°24	22°15	19° 5	13°19	10°49	4°33	5°47	18° 1	n.a.	S 7
M 8	10 43 42	12°55'18	7♉19	16°46	1°41	21°34	15°38	22°22	19° 3	13°20	10°49	4°34	5°44	18° 8	n.a.	M 8
T 9	10 47 38	13°54'08	21°43	17°23	2°56	22°15	15°53	22°29	19° 0	13°22	10°50	4°36	5°41	18°14	n.a.	T 9
W10	10 51 35	14°52'55	5♊48	18° 3	4°10	22°55	16° 7	22°36	18°58	13°23	10°50	4°37	5°38	18°21	n.a.	W10
T 11	10 55 31	15°51'40	19°33	18°47	5°24	23°36	16°21	22°43	18°56	13°24	10°50	4°R37	5°35	18°28	n.a.	T 11
F 12	10 59 28	16°50'22	3♋ 0	19°34	6°38	24°16	16°36	22°50	18°54	13°26	10°50	4°36	5°32	18°34	n.a.	F 12
S 13	11 3 25	17°49'03	16° 8	20°25	7°52	24°56	16°50	22°57	18°51	13°27	10°51	4°35	5°28	18°41	n.a.	S 13
S 14	11 7 21	18°47'40	29° 0	21°19	9° 6	25°37	17° 5	23° 4	18°49	13°28	10°51	4°33	5°25	18°48	n.a.	S 14
M15	11 11 18	19°46'16	11♌38	22°16	10°20	26°17	17°19	23°11	18°47	13°29	10°51	4°31	5°22	18°54	n.a.	M15
T 16	11 15 14	20°44'49	24° 3	23°16	11°34	26°57	17°33	23°18	18°45	13°30	10°52	4°28	5°19	19° 1	n.a.	T 16
W17	11 19 11	21°43'20	6♍17	24°19	12°48	27°37	17°48	23°25	18°43	13°31	10°52	4°27	5°16	19° 8	n.a.	W17
T 18	11 23 7	22°41'49	18°21	25°24	14° 2	28°17	18° 2	23°32	18°41	13°33	10°53	4°26	5°13	19°14	n.a.	T 18
F 19	11 27 4	23°40'16	0♎18	26°32	15°16	28°58	18°17	23°39	18°39	13°34	10°53	4°D25	5° 9	19°21	n.a.	F 19
S 20	11 31 0	24°38'41	12°10	27°42	16°30	29°38	18°31	23°46	18°37	13°35	10°54	4°25	5° 6	19°28	n.a.	S 20
S 21	11 34 57	25°37'04	23°59	28°55	17°44	0♉18	18°45	23°53	18°35	13°36	10°54	4°26	5° 3	19°34	n.a.	S 21
M22	11 38 53	26°35'25	5♏47	0♓10	18°58	0°58	19° 0	23°59	18°33	13°37	10°55	4°27	5° 0	19°41	n.a.	M22
T 23	11 42 50	27°33'45	17°38	1°27	20°12	1°38	19°14	24° 6	18°31	13°38	10°55	4°27	4°57	19°47	n.a.	T 23
W24	11 46 47	28°32'02	29°34	2°46	21°25	2°18	19°28	24°13	18°29	13°38	10°56	4°28	4°53	19°54	n.a.	W24
T 25	11 50 43	29°30'19	11♐42	4° 8	22°39	2°58	19°43	24°19	18°28	13°39	10°56	4°28	4°50	20° 1	n.a.	T 25
F 26	11 54 40	0♈28'33	24° 3	5°31	23°53	3°38	19°57	24°26	18°26	13°40	10°57	4°29	4°47	20° 7	n.a.	F 26
S 27	11 58 36	1°26'46	6♉43	6°57	25° 7	4°17	20°11	24°32	18°24	13°41	10°58	4°R29	4°44	20°14	n.a.	S 27
S 28	12 2 33	2°24'58	19°45	8°24	26°21	4°57	20°25	24°39	18°23	13°42	10°58	4°29	4°41	20°21	n.a.	S 28
M29	12 6 29	3°23'07	3♒13	9°54	27°35	5°37	20°40	24°45	18°21	13°43	10°59	4°28	4°38	20°27	n.a.	M29
T 30	12 10 26	4°21'16	17° 7	11°25	28°49	6°17	20°54	24°52	18°19	13°43	11° 0	4°D28	4°34	20°34	n.a.	T 30
W31	12 14 22	5♈19'22	1♓28	12♓58	0♈ 3	6♉57	21♓ 8	24♒58	18♌18	13♉44	11♊ 0	4♈28	4♈31	20♎41	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	9s24	26s13	4s54	15s43	0n58	15s18	1s22	6n54	0n14	7s29	1s12	16s 6	1s42	15n58	0n48	22s55	0n10	20n 7	2s15	1n55	2n27	7s49			n.a.
T 2	9 2	22 24	4 19	15 56	0 43	14 54	1 23	7 11	0 15	7 23	1 12	16 4	1 42	15 59	0 48	22 54	0 10	20 7	2 15	1 53	2 26	7 53			n.a.
W 3	8 40	17 10	3 27	16 7	0 29	14 29	1 24	7 27	0 15	7 18	1 12	16 2	1 42	16 0	0 48	22 54	0 10	20 7	2 15	1 52	2 25	7 56			n.a.
T 4	8 18	10 50	2 21	16 16	0 15	14 4	1 24	7 43	0 16	7 12	1 12	15 59	1 42	16 0	0 48	22 54	0 10	20 7	2 15	1 50	2 23	7 59			n.a.
F 5	7 55	3 50	1 4	16 24	0 2	13 39	1 25	8 0	0 16	7 7	1 12	15 57	1 42	16 1	0 48	22 54	0 10	20 7	2 14	1 50	2 22	8 3			n.a.
S 6	7 33	3n25	0n18	16 29	0s11	13 13	1 25	8 16	0 17	7 1	1 11	15 55	1 42	16 2	0 48	22 54	0 10	20 8	2 14	1 50	2 21	8 6			n.a.
S 7	7 10	10 26	1 38	16 33	0 24	12 47	1 26	8 32	0 18	6 55	1 11	15 53	1 42	16 3	0 48	22 54	0 10	20 8	2 14	1 50	2 20	8 10			n.a.
M 8	6 47	16 49	2 51	16 34	0 36	12 20	1 26	8 48	0 18	6 50	1 11	15 50	1 42	16 3	0 48	22 54	0 10	20 8	2 14	1 50	2 18	8 13			n.a.
T 9	6 24	22 8	3 52	16 34	0 47	11 54	1 26	9 4	0 19	6 44	1 11	15 48	1 42	16 4	0 48	22 53	0 10	20 8	2 14	1 51	2 17	8 16			n.a.
W10	6 2	26 5	4 37	16 32	0 58	11 27	1 27	9 19	0 20	6 38	1 11	15 46	1 43	16 5	0 48	22 53	0 10	20 8	2 14	1 51	2 16	8 20			n.a.
T 11	5 39	28 23	5 5	16 28	1 8	10 59	1 27	9 35	0 20	6 33	1 11	15 44	1 43	16 5	0 48	22 53	0 10	20 8	2 14	1 51	2 15	8 23			n.a.
F 12	5 15	28 58	5 16	16 22	1 18	10 32	1 27	9 51	0 21	6 27	1 11	15 41	1 43	16 6	0 48	22 53	0 10	20 8	2 14	1 51	2 13	8 26			n.a.
S 13	4 52	27 52	5 9	16 14	1 27	10 4	1 27	10 6	0 21	6 21	1 11	15 39	1 43	16 7	0 48	22 53	0 10	20 9	2 14	1 50	2 12	8 30			n.a.
S 14	4 29	25 18	4 48	16 5	1 36	9 36	1 27	10 22	0 22	6 16	1 11	15 37	1 43	16 7	0 48	22 53	0 10	20 9	2 13	1 50	2 11	8 33			n.a.
M15	4 6	21 32	4 12	15 54	1 44	9 7	1 27	10 37	0 23	6 10	1 11	15 35	1 43	16 8	0 48	22 53	0 10	20 9	2 13	1 49	2 9	8 36			n.a.
T 16	3 43	16 53	3 25	15 41	1 51	8 38	1 26	10 52	0 23	6 4	1 11	15 32	1 43	16 9	0 48	22 53	0 10	20 9	2 13	1 48	2 8	8 40			n.a.
W17	3 19	11 38	2 30	15 26	1 58	8 10	1 26	11 7	0 24	5 58	1 11	15 30	1 43	16 9	0 48	22 53	0 10	20 9	2 13	1 47	2 7	8 43			n.a.
T 18	2 56	6 0	1 28	15 10	2 4	7 40	1 26	11 23	0 24	5 53	1 11	15 28	1 44	16 10	0 48	22 52	0 10	20 9	2 13	1 47	2 6	8 47			n.a.
F 19	2 33	0 13	0 23	14 52	2 10	7 11	1 25	11 38	0 25	5 47	1 11	15 26	1 44	16 11	0 48	22 52	0 10	20 10	2 13	1 47	2 4	8 50			n.a.
S 20	2 9	5s31	0s43	14 32	2 15	6 42	1 25	11 52	0 26	5 41	1 12	15 24	1 44	16 11	0 48	22 52	0 10	20 10	2 13	1 47	2 3	8 53			n.a.
S 21	1 46	11 4	1 46	14 10	2 20	6 12	1 24	12 7	0 26	5 36	1 12	15 22	1 44	16 12	0 48	22 52	0 10	20 10	2 13	1 47	2 2	8 57			n.a.
M22	1 22	16 12	2 45	13 47	2 24	5 42	1 24	12 22	0 27	5 30	1 12	15 19	1 44	16 12	0 48	22 52	0 10	20 10	2 13	1 47	2 1	9 0			n.a.
T 23	0 59	20 46	3 38	13 23	2 27	5 12	1 23	12 37	0 27	5 24	1 12	15 17	1 44	16 13	0 48	22 52	0 10	20 10	2 12	1 47	1 59	9 3			n.a.
W24	0 35	24 33	4 21	12 56	2 30	4 42	1 23	12 51	0 28	5 19	1 12	15 15	1 44	16 13	0 47	22 52	0 10	20 11	2 12	1 48	1 58	9 7			n.a.
T 25	0 12	27 18	4 53	12 28	2 32	4 12	1 22	13 6	0 28	5 13	1 12	15 13	1 45	16 14	0 47	22 52	0 10	20 11	2 12	1 48	1 57	9 10			n.a.
F 26	0n11	28 48	5 12	11 59	2 34	3 42	1 21	13 20	0 29	5 7	1 12	15 11	1 45	16 14	0 47	22 52	0 10	20 11	2 12	1 48	1 55	9 13			n.a.
S 27	0 35	28 51	5 17	11 28	2 35	3 11	1 20	13 34	0 29	5 2	1 12	15 9	1 45	16 15	0 47	22 52	0 10	20 11	2 12	1 48	1 54	9 17			n.a.
S 28	0 58	27 19	5 6	10 55	2 36	2 41	1 19	13 48	0 30	4 56	1 12	15 7	1 45	16 15	0 47	22 52	0 10	20 11	2 12	1 48	1 53	9 20			n.a.
M29	1 22	24 11	4 39	10 21	2 36	2 10	1 18	14 2	0 30	4 51	1 12	15 5	1 45	16 16	0 47	22 51	0 10	20 12	2 12	1 48	1 52	9 23			n.a.
T 30	1 45	19 36	3 54	9 45	2 35	1 39	1 17	14 16	0 31	4 45	1 12	15 3	1 45	16 16	0 47	22 51	0 10	20 12	2 12	1 48	1 50	9 27			n.a.
W31	2n 8	13s47	2s53	9s 8	2s34	1s 9	1s16	14n30	0n32	4s39	1s12	15s 1	1s46	16n17	0n47	22s51	0n10	20n12	2s12	1n48	1n49	9s30			n.a.

Julian Day Number = 1610811.5, Delta T = 03h53m24s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'09, Lahiri = - 8°08'08 Julian Calendar 1 March 303 BCE == Greg. Calendar 24 Feb. 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

APRIL 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 18 19	6♈17'27	16♓11	14♓33	1♈17	7♉37	21♓22	25♒ 4	18°R16	13♑45	11♊ 1	4♈29	4♈28	20♎47	n.a.	T 1
F 2	12 22 16	7°15'30	1♈11	16°10	2°31	8°16	21°36	25°10	18♌15	13°45	11° 2	4°R29	4°25	20°54	n.a.	F 2
S 3	12 26 12	8°13'32	16°20	17°49	3°45	8°56	21°50	25°17	18°13	13°46	11° 3	4°29	4°22	21° 1	n.a.	S 3
S 4	12 30 9	9°11'32	1♉28	19°30	4°58	9°36	22° 4	25°23	18°12	13°46	11° 3	4°28	4°18	21° 7	n.a.	S 4
M 5	12 34 5	10° 9'30	16°27	21°13	6°12	10°15	22°18	25°29	18°11	13°47	11° 4	4°28	4°15	21°14	n.a.	M 5
T 6	12 38 2	11° 7'26	1♊ 9	22°58	7°26	10°55	22°32	25°35	18°10	13°47	11° 5	4°27	4°12	21°21	n.a.	T 6
W 7	12 41 58	12° 5'20	15°29	24°44	8°40	11°35	22°46	25°41	18° 8	13°48	11° 6	4°26	4° 9	21°27	n.a.	W 7
T 8	12 45 55	13° 3'13	29°23	26°32	9°54	12°14	23° 0	25°47	18° 7	13°48	11° 7	4°26	4° 6	21°34	n.a.	T 8
F 9	12 49 51	14° 1'04	12♋52	28°23	11° 8	12°54	23°14	25°53	18° 6	13°49	11° 8	4°D26	4° 3	21°41	n.a.	F 9
S 10	12 53 48	14°58'52	25°57	0♈15	12°21	13°33	23°28	25°58	18° 5	13°49	11° 9	4°26	3°59	21°47	n.a.	S 10
S 11	12 57 45	15°56'39	8♌41	2° 9	13°35	14°13	23°42	26° 4	18° 4	13°50	11°10	4°26	3°56	21°54	n.a.	S 11
M12	13 1 41	16°54'24	21° 8	4° 5	14°49	14°52	23°56	26°10	18° 3	13°50	11°11	4°27	3°53	22° 1	n.a.	M12
T 13	13 5 38	17°52'07	3♍21	6° 3	16° 3	15°32	24° 9	26°15	18° 2	13°50	11°12	4°29	3°50	22° 7	n.a.	T 13
W14	13 9 34	18°49'49	15°23	8° 2	17°17	16°11	24°23	26°21	18° 1	13°50	11°13	4°30	3°47	22°14	n.a.	W14
T 15	13 13 31	19°47'28	27°17	10° 3	18°30	16°50	24°37	26°26	18° 0	13°51	11°14	4°30	3°44	22°20	n.a.	T 15
F 16	13 17 27	20°45'07	9♎ 8	12° 6	19°44	17°30	24°50	26°32	18° 0	13°51	11°15	4°R30	3°40	22°27	n.a.	F 16
S 17	13 21 24	21°42'44	20°56	14°11	20°58	18° 9	25° 4	26°37	17°59	13°51	11°16	4°30	3°37	22°34	n.a.	S 17
S 18	13 25 20	22°40'19	2♏45	16°17	22°12	18°48	25°18	26°42	17°58	13°51	11°17	4°28	3°34	22°40	n.a.	S 18
M19	13 29 17	23°37'53	14°36	18°25	23°25	19°28	25°31	26°48	17°58	13°51	11°18	4°26	3°31	22°47	n.a.	M19
T 20	13 33 13	24°35'26	26°31	20°33	24°39	20° 7	25°45	26°53	17°57	13°51	11°19	4°23	3°28	22°54	n.a.	T 20
W21	13 37 10	25°32'58	8♐34	22°43	25°53	20°46	25°58	26°58	17°57	13°R51	11°20	4°19	3°24	23° 0	n.a.	W21
T 22	13 41 7	26°30'29	20°46	24°54	27° 6	21°25	26°11	27° 3	17°56	13°51	11°21	4°16	3°21	23° 7	n.a.	T 22
F 23	13 45 3	27°27'59	3♑11	27° 5	28°20	22° 4	26°25	27° 8	17°56	13°51	11°22	4°14	3°18	23°14	n.a.	F 23
S 24	13 49 0	28°25'28	15°51	29°16	29°34	22°44	26°38	27°13	17°55	13°51	11°23	4°12	3°15	23°20	n.a.	S 24
S 25	13 52 56	29°22'56	28°50	1♉28	0♉48	23°23	26°51	27°17	17°55	13°51	11°25	4°D11	3°12	23°27	n.a.	S 25
M26	13 56 53	0♉20'23	12♒11	3°39	2° 1	24° 2	27° 4	27°22	17°55	13°51	11°26	4°12	3° 9	23°34	n.a.	M26
T 27	14 0 49	1°17'49	25°56	5°50	3°15	24°41	27°17	27°27	17°55	13°50	11°27	4°13	3° 5	23°40	n.a.	T 27
W28	14 4 46	2°15'14	10♓ 5	8° 0	4°29	25°20	27°30	27°31	17°54	13°50	11°28	4°14	3° 2	23°47	n.a.	W28
T 29	14 8 42	3°12'38	24°38	10° 9	5°42	25°59	27°43	27°36	17°54	13°50	11°30	4°15	2°59	23°54	n.a.	T 29
F 30	14 12 39	4♉10'02	9♈31	12♉17	6♉56	26♉38	27♓56	27♒40	17°D54	13♑50	11♊31	4°R16	2♈56	24♎ 0	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n32	7s 3	1s40	8s29	2s32	0s38	1s15	14n43	0n32	4s34	1s12	14s59	1s46	16n17	0n47	22s51	0n10	20n12	2s11	1n48	1n48	9s33		n.a.
F 2	2 55	0n12	0 18	7 49	2 30	0 7	1 14	14 57	0 33	4 28	1 12	14 57	1 46	16 18	0 47	22 51	0 10	20 12	2 11	1 48	1 47	9 37		n.a.
S 3	3 18	7 30	1n 5	7 8	2 27	0n24	1 13	15 10	0 33	4 23	1 12	14 55	1 46	16 18	0 47	22 51	0 10	20 13	2 11	1 48	1 45	9 40		n.a.
S 4	3 41	14 23	2 24	6 24	2 24	0 55	1 11	15 24	0 34	4 17	1 12	14 53	1 46	16 18	0 47	22 51	0 10	20 13	2 11	1 48	1 44	9 43		n.a.
M 5	4 4	20 21	3 33	5 40	2 20	1 26	1 10	15 37	0 34	4 11	1 12	14 51	1 46	16 19	0 47	22 51	0 10	20 13	2 11	1 48	1 43	9 46		n.a.
T 6	4 27	24 58	4 25	4 54	2 16	1 56	1 8	15 50	0 35	4 6	1 12	14 49	1 47	16 19	0 47	22 51	0 10	20 13	2 11	1 47	1 41	9 50		n.a.
W 7	4 50	27 54	5 0	4 7	2 11	2 27	1 7	16 3	0 35	4 0	1 12	14 47	1 47	16 20	0 47	22 51	0 10	20 13	2 11	1 47	1 40	9 53		n.a.
T 8	5 13	29 0	5 16	3 18	2 5	2 58	1 5	16 16	0 36	3 55	1 12	14 45	1 47	16 20	0 47	22 51	0 10	20 14	2 11	1 47	1 39	9 56		n.a.
F 9	5 36	28 19	5 14	2 28	1 59	3 29	1 4	16 28	0 36	3 49	1 12	14 44	1 47	16 20	0 47	22 51	0 10	20 14	2 11	1 47	1 38	10 0		n.a.
S 10	5 58	26 3	4 55	1 37	1 53	3 59	1 2	16 41	0 37	3 44	1 12	14 42	1 47	16 21	0 47	22 51	0 10	20 14	2 11	1 47	1 36	10 3		n.a.
S 11	6 21	22 32	4 22	0 45	1 46	4 30	1 1	16 53	0 37	3 38	1 12	14 40	1 47	16 21	0 47	22 51	0 10	20 14	2 10	1 47	1 35	10 6		n.a.
M12	6 43	18 4	3 38	0n 9	1 38	5 0	0 59	17 6	0 37	3 33	1 12	14 38	1 48	16 21	0 47	22 51	0 10	20 15	2 10	1 48	1 34	10 10		n.a.
T 13	7 6	12 57	2 44	1 3	1 30	5 31	0 57	17 18	0 38	3 27	1 13	14 36	1 48	16 21	0 47	22 51	0 10	20 15	2 10	1 48	1 32	10 13		n.a.
W14	7 28	7 26	1 44	1 59	1 22	6 1	0 55	17 30	0 38	3 22	1 13	14 35	1 48	16 22	0 47	22 51	0 10	20 15	2 10	1 48	1 31	10 16		n.a.
T 15	7 50	1 42	0 40	2 55	1 13	6 31	0 54	17 42	0 39	3 16	1 13	14 33	1 48	16 22	0 47	22 51	0 10	20 15	2 10	1 49	1 30	10 20		n.a.
F 16	8 12	4s 3	0s26	3 52	1 4	7 1	0 52	17 53	0 39	3 11	1 13	14 31	1 48	16 22	0 47	22 51	0 10	20 16	2 10	1 49	1 29	10 23		n.a.
S 17	8 34	9 39	1 30	4 50	0 54	7 31	0 50	18 5	0 40	3 6	1 13	14 30	1 49	16 22	0 47	22 51	0 10	20 16	2 10	1 48	1 27	10 26		n.a.
S 18	8 56	14 55	2 30	5 48	0 44	8 0	0 48	18 16	0 40	3 0	1 13	14 28	1 49	16 22	0 47	22 51	0 10	20 16	2 10	1 48	1 26	10 29		n.a.
M19	9 17	19 39	3 24	6 47	0 34	8 30	0 46	18 28	0 41	2 55	1 13	14 26	1 49	16 23	0 47	22 51	0 10	20 16	2 10	1 47	1 25	10 33		n.a.
T 20	9 39	23 39	4 9	7 46	0 24	8 59	0 44	18 39	0 41	2 50	1 13	14 25	1 49	16 23	0 47	22 51	0 10	20 17	2 10	1 46	1 24	10 36		n.a.
W21	10 0	26 40	4 44	8 44	0 13	9 28	0 42	18 50	0 42	2 44	1 13	14 23	1 49	16 23	0 47	22 51	0 10	20 17	2 9	1 44	1 22	10 39		n.a.
T 22	10 21	28 30	5 6	9 43	0 3	9 57	0 40	19 1	0 42	2 39	1 13	14 22	1 50	16 23	0 47	22 51	0 10	20 17	2 9	1 43	1 21	10 43		n.a.
F 23	10 42	28 56	5 15	10 41	0n 8	10 26	0 38	19 12	0 42	2 34	1 13	14 20	1 50	16 23	0 46	22 51	0 10	20 17	2 9	1 42	1 20	10 46		n.a.
S 24	11 3	27 53	5 8	11 38	0 19	10 54	0 36	19 22	0 43	2 29	1 13	14 19	1 50	16 23	0 46	22 51	0 10	20 18	2 9	1 41	1 18	10 49		n.a.
S 25	11 23	25 18	4 46	12 35	0 29	11 22	0 33	19 33	0 43	2 23	1 14	14 17	1 50	16 23	0 46	22 51	0 10	20 18	2 9	1 41	1 17	10 52		n.a.
M26	11 44	21 19	4 8	13 30	0 39	11 50	0 31	19 43	0 44	2 18	1 14	14 16	1 51	16 23	0 46	22 51	0 10	20 18	2 9	1 41	1 16	10 56		n.a.
T 27	12 4	16 5	3 15	14 24	0 49	12 18	0 29	19 53	0 44	2 13	1 14	14 14	1 51	16 23	0 46	22 51	0 10	20 18	2 9	1 42	1 15	10 59		n.a.
W28	12 24	9 52	2 9	15 16	0 59	12 45	0 27	20 3	0 44	2 8	1 14	14 13	1 51	16 23	0 46	22 51	0 10	20 19	2 9	1 42	1 13	11 2		n.a.
T 29	12 44	2 58	0 53	16 7	1 8	13 12	0 25	20 13	0 45	2 3	1 14	14 11	1 51	16 23	0 46	22 51	0 9	20 19	2 9	1 43	1 12	11 5		n.a.
F 30	13n 4	4n16	0n29	16n55	1n16	13n39	0s22	20n23	0n45	1s58	1s14	14s10	1s51	16n23	0n46	22s51	0n 9	20n19	2s 9	1n43	1n11	11s 9		n.a.

Julian Day Number = 1610842.5, Delta T = 03h53m23s
Ecliptic obliquity = 23°44'05, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'05, Lahiri = - 8°08'04 Julian Calendar 1 Apr. 303 BCE == Greg. Calendar 27 March 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

MAY 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 16 36	5♉ 7'25	24♈38	14♉23	8♉10	27♉17	28♓ 9	27♒45	17♌54	13°R49	11♊32	4°R14	2♈53	24♎ 7	n.a.	S 1
S 2	14 20 32	6° 4'46	9♉50	16°28	9°24	27°56	28°22	27°49	17°54	13♑49	11°33	4♈12	2°49	24°14	n.a.	S 2
M 3	14 24 29	7° 2'07	24°57	18°31	10°37	28°35	28°35	27°53	17°54	13°49	11°35	4° 8	2°46	24°20	n.a.	M 3
T 4	14 28 25	7°59'27	9♊49	20°31	11°51	29°14	28°47	27°57	17°55	13°48	11°36	4° 3	2°43	24°27	n.a.	T 4
W 5	14 32 22	8°56'46	24°20	22°30	13° 5	29°53	29° 0	28° 1	17°55	13°48	11°37	3°58	2°40	24°34	n.a.	W 5
T 6	14 36 18	9°54'04	8♋24	24°27	14°18	0♊32	29°13	28° 5	17°55	13°47	11°39	3°54	2°37	24°40	n.a.	T 6
F 7	14 40 15	10°51'21	22° 0	26°21	15°32	1°11	29°25	28° 9	17°55	13°47	11°40	3°51	2°34	24°47	n.a.	F 7
S 8	14 44 12	11°48'37	5♌ 8	28°13	16°46	1°50	29°37	28°13	17°56	13°46	11°41	3°49	2°30	24°54	n.a.	S 8
S 9	14 48 8	12°45'51	17°52	0♊ 2	17°59	2°29	29°50	28°16	17°56	13°46	11°43	3°D49	2°27	25° 0	n.a.	S 9
M10	14 52 5	13°43'05	0♍15	1°49	19°13	3° 7	0♈ 2	28°20	17°57	13°45	11°44	3°50	2°24	25° 7	n.a.	M10
T 11	14 56 1	14°40'17	12°22	3°33	20°27	3°46	0°14	28°24	17°57	13°45	11°45	3°52	2°21	25°13	n.a.	T 11
W12	14 59 58	15°37'29	24°19	5°15	21°40	4°25	0°26	28°27	17°58	13°44	11°47	3°53	2°18	25°20	n.a.	W12
T 13	15 3 54	16°34'39	6♎ 9	6°54	22°54	5° 4	0°38	28°30	17°59	13°43	11°48	3°R54	2°15	25°27	n.a.	T 13
F 14	15 7 51	17°31'49	17°56	8°30	24° 7	5°42	0°50	28°34	17°59	13°43	11°50	3°52	2°11	25°33	n.a.	F 14
S 15	15 11 47	18°28'59	29°44	10° 4	25°21	6°21	1° 2	28°37	18° 0	13°42	11°51	3°49	2° 8	25°40	n.a.	S 15
S 16	15 15 44	19°26'07	11♏36	11°36	26°35	7° 0	1°14	28°40	18° 1	13°41	11°52	3°44	2° 5	25°47	n.a.	S 16
M17	15 19 41	20°23'16	23°33	13° 5	27°48	7°39	1°26	28°43	18° 2	13°40	11°54	3°37	2° 2	25°53	n.a.	M17
T 18	15 23 37	21°20'23	5♐38	14°31	29° 2	8°17	1°37	28°46	18° 3	13°39	11°55	3°29	1°59	26° 0	n.a.	T 18
W19	15 27 34	22°17'31	17°51	15°54	0♊16	8°56	1°49	28°48	18° 4	13°39	11°57	3°20	1°55	26° 7	n.a.	W19
T 20	15 31 30	23°14'38	0♑14	17°15	1°29	9°35	2° 0	28°51	18° 5	13°38	11°58	3°12	1°52	26°13	n.a.	T 20
F 21	15 35 27	24°11'45	12°49	18°33	2°43	10°13	2°11	28°54	18° 6	13°37	12° 0	3° 4	1°49	26°20	n.a.	F 21
S 22	15 39 23	25° 8'52	25°36	19°48	3°56	10°52	2°23	28°56	18° 7	13°36	12° 1	2°59	1°46	26°27	n.a.	S 22
S 23	15 43 20	26° 5'59	8♒39	21° 0	5°10	11°31	2°34	28°59	18° 8	13°35	12° 3	2°55	1°43	26°33	n.a.	S 23
M24	15 47 16	27° 3'05	21°58	22°10	6°24	12° 9	2°45	29° 1	18° 9	13°34	12° 4	2°D54	1°40	26°40	n.a.	M24
T 25	15 51 13	28° 0'12	5♓36	23°16	7°37	12°48	2°56	29° 3	18°10	13°33	12° 6	2°54	1°36	26°47	n.a.	T 25
W26	15 55 10	28°57'19	19°34	24°19	8°51	13°26	3° 7	29° 5	18°12	13°32	12° 7	2°55	1°33	26°53	n.a.	W26
T 27	15 59 6	29°54'26	3♈52	25°19	10° 5	14° 5	3°18	29° 7	18°13	13°31	12° 9	2°R55	1°30	27° 0	n.a.	T 27
F 28	16 3 3	0♊51'33	18°29	26°16	11°18	14°43	3°28	29° 9	18°14	13°30	12°10	2°54	1°27	27° 7	n.a.	F 28
S 29	16 6 59	1°48'40	3♉21	27°10	12°32	15°22	3°39	29°11	18°16	13°29	12°12	2°51	1°24	27°13	n.a.	S 29
S 30	16 10 56	2°45'47	18°21	28° 0	13°45	16° 0	3°50	29°13	18°17	13°28	12°13	2°46	1°21	27°20	n.a.	S 30
M31	16 14 52	3♊42'55	3♊20	28♊46	14♊59	16♊39	4♈ 0	29♒15	18♌19	13♑27	12♊15	2♈38	1♈17	27♎27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n23	11n21	1n49	17n42	1n25	14n 5	0s20	20n32	0n46	1s52	1s14	14s 9	1s52	16n23	0n46	22s51	0n 9	20n19	2s 9	1n42	1n 9	11s12		n.a.
S 2	13 43	17 49	3 2	18 26	1 32	14 31	0 18	20 42	0 46	1 47	1 14	14 8	1 52	16 23	0 46	22 51	0 9	20 20	2 8	1 41	1 8	11 15		n.a.
M 3	14 2	23 9	4 2	19 8	1 39	14 57	0 15	20 51	0 46	1 42	1 14	14 6	1 52	16 23	0 46	22 51	0 9	20 20	2 8	1 40	1 7	11 18		n.a.
T 4	14 21	26 53	4 45	19 48	1 46	15 22	0 13	21 0	0 47	1 37	1 14	14 5	1 52	16 23	0 46	22 51	0 9	20 20	2 8	1 38	1 6	11 22		n.a.
W 5	14 39	28 44	5 7	20 25	1 51	15 47	0 11	21 9	0 47	1 32	1 15	14 4	1 53	16 23	0 46	22 51	0 9	20 20	2 8	1 36	1 4	11 25		n.a.
T 6	14 58	28 38	5 11	20 59	1 56	16 12	0 8	21 17	0 48	1 28	1 15	14 3	1 53	16 23	0 46	22 51	0 9	20 21	2 8	1 34	1 3	11 28		n.a.
F 7	15 16	26 47	4 56	21 31	2 0	16 36	0 6	21 26	0 48	1 23	1 15	14 2	1 53	16 23	0 46	22 51	0 9	20 21	2 8	1 33	1 2	11 31		n.a.
S 8	15 34	23 31	4 27	22 1	2 4	17 0	0 4	21 34	0 48	1 18	1 15	14 1	1 53	16 22	0 46	22 51	0 9	20 21	2 8	1 32	1 1	11 35		n.a.
S 9	15 52	19 13	3 45	22 28	2 7	17 23	0 1	21 43	0 49	1 13	1 15	13 59	1 54	16 22	0 46	22 51	0 9	20 21	2 8	1 32	0 59	11 38		n.a.
M10	16 9	14 13	2 53	22 53	2 9	17 46	0n 1	21 51	0 49	1 8	1 15	13 58	1 54	16 22	0 46	22 51	0 9	20 22	2 8	1 33	0 58	11 41		n.a.
T 11	16 26	8 46	1 54	23 15	2 10	18 8	0 4	21 58	0 50	1 3	1 15	13 57	1 54	16 22	0 46	22 52	0 9	20 22	2 8	1 33	0 57	11 44		n.a.
W12	16 43	3 5	0 52	23 35	2 11	18 30	0 6	22 6	0 50	0 59	1 15	13 56	1 54	16 22	0 46	22 52	0 9	20 22	2 8	1 34	0 55	11 48		n.a.
T 13	17 0	2s39	0s12	23 53	2 11	18 52	0 8	22 14	0 50	0 54	1 16	13 55	1 54	16 21	0 46	22 52	0 9	20 22	2 8	1 34	0 54	11 51		n.a.
F 14	17 16	8 17	1 15	24 8	2 10	19 13	0 11	22 21	0 51	0 49	1 16	13 55	1 55	16 21	0 46	22 52	0 9	20 23	2 7	1 33	0 53	11 54		n.a.
S 15	17 32	13 37	2 15	24 21	2 9	19 33	0 13	22 28	0 51	0 45	1 16	13 54	1 55	16 21	0 46	22 52	0 9	20 23	2 7	1 32	0 52	11 57		n.a.
S 16	17 48	18 30	3 10	24 32	2 6	19 53	0 16	22 35	0 51	0 40	1 16	13 53	1 55	16 21	0 46	22 52	0 9	20 23	2 7	1 30	0 50	12 0		n.a.
M17	18 4	22 41	3 56	24 41	2 3	20 12	0 18	22 42	0 52	0 35	1 16	13 52	1 55	16 20	0 46	22 52	0 9	20 24	2 7	1 27	0 49	12 4		n.a.
T 18	18 19	25 58	4 32	24 48	2 0	20 31	0 20	22 49	0 52	0 31	1 16	13 51	1 56	16 20	0 45	22 52	0 9	20 24	2 7	1 24	0 48	12 7		n.a.
W19	18 34	28 5	4 56	24 53	1 55	20 49	0 23	22 55	0 52	0 26	1 16	13 50	1 56	16 20	0 45	22 52	0 9	20 24	2 7	1 21	0 46	12 10		n.a.
T 20	18 49	28 50	5 6	24 57	1 50	21 7	0 25	23 2	0 53	0 22	1 17	13 50	1 56	16 19	0 45	22 52	0 9	20 24	2 7	1 17	0 45	12 13		n.a.
F 21	19 3	28 7	5 2	24 58	1 45	21 24	0 27	23 8	0 53	0 17	1 17	13 49	1 57	16 19	0 45	22 52	0 9	20 25	2 7	1 14	0 44	12 17		n.a.
S 22	19 17	25 55	4 43	24 58	1 38	21 41	0 30	23 14	0 53	0 13	1 17	13 48	1 57	16 18	0 45	22 53	0 9	20 25	2 7	1 12	0 43	12 20		n.a.
S 23	19 31	22 20	4 10	24 57	1 31	21 57	0 32	23 20	0 54	0 9	1 17	13 48	1 57	16 18	0 45	22 53	0 9	20 25	2 7	1 11	0 41	12 23		n.a.
M24	19 44	17 32	3 22	24 54	1 24	22 12	0 34	23 25	0 54	0 4	1 17	13 47	1 57	16 18	0 45	22 53	0 9	20 25	2 7	1 10	0 40	12 26		n.a.
T 25	19 58	11 45	2 21	24 49	1 16	22 27	0 36	23 31	0 54	0 0	1 17	13 47	1 58	16 17	0 45	22 53	0 9	20 26	2 7	1 10	0 39	12 29		n.a.
W26	20 10	5 16	1 11	24 43	1 7	22 41	0 39	23 36	0 55	0n 4	1 18	13 46	1 58	16 17	0 45	22 53	0 9	20 26	2 7	1 10	0 38	12 33		n.a.
T 27	20 23	1n38	0n 5	24 36	0 57	22 54	0 41	23 41	0 55	0 8	1 18	13 46	1 58	16 16	0 45	22 53	0 9	20 26	2 6	1 10	0 36	12 36		n.a.
F 28	20 35	8 36	1 22	24 28	0 47	23 7	0 43	23 46	0 55	0 12	1 18	13 45	1 58	16 16	0 45	22 53	0 9	20 27	2 6	1 10	0 35	12 39		n.a.
S 29	20 47	15 13	2 35	24 19	0 36	23 19	0 45	23 50	0 56	0 17	1 18	13 45	1 59	16 15	0 45	22 53	0 9	20 27	2 6	1 9	0 34	12 42		n.a.
S 30	20 58	20 59	3 38	24 8	0 25	23 31	0 47	23 55	0 56	0 21	1 18	13 44	1 59	16 15	0 45	22 53	0 9	20 27	2 6	1 7	0 32	12 45		n.a.
M31	21n 9	25n25	4n26	23n57	0n13	23n42	0n49	23n59	0n56	0n25	1s18	13s44	1s59	16n14	0n45	22s54	0n 9	20n27	2s 6	1n 4	0n31	12s48		n.a.

Julian Day Number = 1610872.5, Delta T = 03h53m22s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°15'01, Lahiri = - 8°08'00 Julian Calendar 1 May 303 BCE == Greg. Calendar 26 Apr. 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

JUNE 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 18 49	4♊40'02	18♊10	29♊29	16♊13	17♊17	4♈10	29♒16	18♌21	13°R25	12♊16	2°R29	1♈14	27♎33	n.a.	T 1
W 2	16 22 46	5°37'10	2♋41	0♋ 8	17°26	17°56	4°20	29°17	18°22	13♏24	12°18	2♈19	1°11	27°40	n.a.	W 2
T 3	16 26 42	6°34'17	16°48	0°44	18°40	18°34	4°30	29°19	18°24	13°23	12°19	2°11	1° 8	27°47	n.a.	T 3
F 4	16 30 39	7°31'24	0♌28	1°15	19°54	19°13	4°40	29°20	18°26	13°22	12°21	2° 4	1° 5	27°53	n.a.	F 4
S 5	16 34 35	8°28'32	13°39	1°42	21° 7	19°51	4°50	29°21	18°28	13°21	12°22	1°59	1° 1	28° 0	n.a.	S 5
S 6	16 38 32	9°25'39	26°25	2° 4	22°21	20°30	5° 0	29°22	18°29	13°19	12°24	1°56	0°58	28° 7	n.a.	S 6
M 7	16 42 28	10°22'45	8♍49	2°22	23°34	21° 8	5°10	29°23	18°31	13°18	12°25	1°D56	0°55	28°13	n.a.	M 7
T 8	16 46 25	11°19'52	20°56	2°36	24°48	21°47	5°19	29°24	18°33	13°17	12°27	1°56	0°52	28°20	n.a.	T 8
W 9	16 50 21	12°16'59	2♎52	2°45	26° 2	22°25	5°29	29°25	18°35	13°15	12°28	1°R56	0°49	28°27	n.a.	W 9
T 10	16 54 18	13°14'06	14°41	2°R49	27°15	23° 3	5°38	29°25	18°37	13°14	12°30	1°55	0°46	28°33	n.a.	T 10
F 11	16 58 15	14°11'13	26°29	2°48	28°29	23°42	5°47	29°26	18°39	13°13	12°32	1°53	0°42	28°40	n.a.	F 11
S 12	17 2 11	15° 8'20	8♏20	2°43	29°42	24°20	5°56	29°26	18°41	13°11	12°33	1°48	0°39	28°47	n.a.	S 12
S 13	17 6 8	16° 5'28	20°16	2°33	0♋56	24°58	6° 5	29°27	18°44	13°10	12°35	1°40	0°36	28°53	n.a.	S 13
M14	17 10 4	17° 2'36	2♐22	2°18	2° 9	25°37	6°14	29°27	18°46	13° 8	12°36	1°30	0°33	29° 0	n.a.	M14
T 15	17 14 1	17°59'44	14°38	1°59	3°23	26°15	6°22	29°27	18°48	13° 7	12°38	1°18	0°30	29° 7	n.a.	T 15
W16	17 17 57	18°56'53	27° 6	1°35	4°37	26°53	6°31	29°R27	18°50	13° 6	12°39	1° 5	0°27	29°13	n.a.	W16
T 17	17 21 54	19°54'02	9♑46	1° 7	5°50	27°32	6°39	29°27	18°53	13° 4	12°41	0°53	0°23	29°20	n.a.	T 17
F 18	17 25 50	20°51'12	22°37	0°36	7° 4	28°10	6°47	29°27	18°55	13° 3	12°42	0°42	0°20	29°27	n.a.	F 18
S 19	17 29 47	21°48'23	5♒40	0° 1	8°17	28°48	6°55	29°26	18°58	13° 1	12°44	0°33	0°17	29°33	n.a.	S 19
S 20	17 33 44	22°45'35	18°54	29♊24	9°31	29°27	7° 3	29°26	19° 0	13° 0	12°45	0°27	0°14	29°40	n.a.	S 20
M21	17 37 40	23°42'47	2♓21	28°44	10°44	0♋ 5	7°11	29°26	19° 2	12°58	12°47	0°24	0°11	29°47	n.a.	M21
T 22	17 41 37	24°40'01	16° 1	28° 3	11°58	0°43	7°19	29°25	19° 5	12°57	12°48	0°23	0° 7	29°53	n.a.	T 22
W23	17 45 33	25°37'15	29°54	27°20	13°11	1°22	7°27	29°24	19° 8	12°55	12°50	0°23	0° 4	29°59	n.a.	W23
T 24	17 49 30	26°34'30	14♈ 1	26°38	14°25	2° 0	7°34	29°24	19°10	12°54	12°51	0°22	0° 1	0♏ 7	n.a.	T 24
F 25	17 53 26	27°31'47	28°22	25°56	15°39	2°38	7°41	29°23	19°13	12°52	12°53	0°21	29♓58	0°13	n.a.	F 25
S 26	17 57 23	28°29'05	12♉53	25°15	16°52	3°16	7°48	29°22	19°16	12°51	12°54	0°17	29°55	0°20	n.a.	S 26
S 27	18 1 20	29°26'24	27°31	24°37	18° 6	3°55	7°55	29°21	19°18	12°49	12°56	0°10	29°52	0°27	n.a.	S 27
M28	18 5 16	0♋23'44	12♊10	24° 1	19°19	4°33	8° 2	29°19	19°21	12°47	12°57	0° 1	29°48	0°33	n.a.	M28
T 29	18 9 13	1°21'05	26°43	23°29	20°33	5°11	8° 9	29°18	19°24	12°46	12°59	29♓50	29°45	0°40	n.a.	T 29
W30	18 13 9	2♋18'27	11♋ 1	23♊ 1	21♋46	5♋49	8♈15	29♒17	19♌27	12♏44	13♊ 0	29♓38	29♓42	0♏47	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n20	28n 5	4n55	23n45	0n 1	23n52	0n51	24n 3	0n56	0n29	1s19	13s44	1s59	16n14	0n45	22s54	0n 9	20n28	2s 6	1n 0	0n30	12s52		n.a.
W 2	21 30	28n 46	5 4	23 32	0s12	24 1	0 53	24 7	0 57	0 33	1 19	13 44	2 0	16 13	0 45	22 54	0 9	20 28	2 6	0 56	0 29	12 55		n.a.
T 3	21 40	27 32	4 54	23 19	0 25	24 10	0 55	24 11	0 57	0 36	1 19	13 43	2 0	16 13	0 45	22 54	0 9	20 28	2 6	0 53	0 27	12 58		n.a.
F 4	21 50	24 39	4 28	23 5	0 38	24 18	0 57	24 14	0 57	0 40	1 19	13 43	2 0	16 12	0 45	22 54	0 9	20 28	2 6	0 50	0 26	13 1		n.a.
S 5	21 59	20 34	3 48	22 51	0 53	24 25	0 59	24 18	0 58	0 44	1 19	13 43	2 0	16 11	0 45	22 54	0 9	20 29	2 6	0 48	0 25	13 4		n.a.
S 6	22 8	15 38	2 57	22 36	1 7	24 32	1 1	24 21	0 58	0 48	1 20	13 43	2 1	16 11	0 45	22 54	0 9	20 29	2 6	0 47	0 23	13 7		n.a.
M 7	22 17	10 13	2 0	22 21	1 22	24 37	1 3	24 24	0 58	0 51	1 20	13 43	2 1	16 10	0 45	22 55	0 9	20 29	2 6	0 46	0 22	13 11		n.a.
T 8	22 25	4 31	0 58	22 6	1 37	24 42	1 5	24 27	0 58	0 55	1 20	13 43	2 1	16 10	0 45	22 55	0 9	20 29	2 6	0 47	0 21	13 14		n.a.
W 9	22 33	1s14	0s 5	21 51	1 52	24 47	1 6	24 29	0 59	0 59	1 20	13 43	2 2	16 9	0 45	22 55	0 9	20 30	2 6	0 47	0 20	13 17		n.a.
T 10	22 40	6 53	1 7	21 36	2 7	24 50	1 8	24 32	0 59	1 2	1 20	13 43	2 2	16 8	0 45	22 55	0 9	20 30	2 6	0 46	0 18	13 20		n.a.
F 11	22 47	12 18	2 7	21 20	2 22	24 53	1 10	24 34	0 59	1 6	1 21	13 43	2 2	16 8	0 45	22 55	0 9	20 30	2 6	0 45	0 17	13 23		n.a.
S 12	22 54	17 18	3 0	21 5	2 37	24 55	1 11	24 36	0 59	1 9	1 21	13 43	2 2	16 7	0 45	22 55	0 9	20 30	2 5	0 43	0 16	13 26		n.a.
S 13	23 0	21 40	3 47	20 51	2 52	24 57	1 13	24 38	1 0	1 12	1 21	13 43	2 3	16 6	0 45	22 55	0 9	20 31	2 5	0 40	0 15	13 29		n.a.
M14	23 6	25 11	4 23	20 37	3 6	24 57	1 14	24 40	1 0	1 16	1 21	13 43	2 3	16 5	0 45	22 56	0 9	20 31	2 5	0 36	0 13	13 33		n.a.
T 15	23 11	27 36	4 48	20 23	3 20	24 57	1 16	24 41	1 0	1 19	1 21	13 43	2 3	16 5	0 44	22 56	0 9	20 31	2 5	0 31	0 12	13 36		n.a.
W16	23 16	28 42	5 0	20 10	3 33	24 56	1 17	24 42	1 1	1 22	1 22	13 44	2 3	16 4	0 44	22 56	0 9	20 31	2 5	0 26	0 11	13 39		n.a.
T 17	23 21	28 18	4 57	19 58	3 46	24 55	1 19	24 43	1 1	1 25	1 22	13 44	2 4	16 3	0 44	22 56	0 9	20 32	2 5	0 21	0 9	13 42		n.a.
F 18	23 25	26 24	4 39	19 46	3 58	24 52	1 20	24 44	1 1	1 28	1 22	13 44	2 4	16 2	0 44	22 56	0 9	20 32	2 5	0 17	0 8	13 45		n.a.
S 19	23 29	23 4	4 7	19 36	4 8	24 49	1 21	24 45	1 1	1 32	1 22	13 45	2 4	16 2	0 44	22 56	0 9	20 32	2 5	0 13	0 7	13 48		n.a.
S 20	23 32	18 31	3 20	19 26	4 17	24 45	1 22	24 45	1 1	1 35	1 22	13 45	2 5	16 1	0 44	22 56	0 9	20 32	2 5	0 11	0 6	13 51		n.a.
M21	23 35	12 58	2 22	19 18	4 25	24 41	1 24	24 46	1 2	1 37	1 23	13 45	2 5	16 0	0 44	22 57	0 9	20 33	2 5	0 10	0 4	13 54		n.a.
T 22	23 38	6 44	1 15	19 11	4 32	24 36	1 25	24 46	1 2	1 40	1 23	13 46	2 5	15 59	0 44	22 57	0 9	20 33	2 5	0 9	0 3	13 58		n.a.
W23	23 40	0 5	0 3	19 5	4 37	24 29	1 26	24 46	1 2	1 43	1 23	13 46	2 5	15 58	0 44	22 57	0 9	20 33	2 5	0 9	0 2	14 1		n.a.
T 24	23 41	6n41	1n11	19 1	4 40	24 23	1 27	24 46	1 2	1 46	1 23	13 47	2 6	15 57	0 44	22 57	0 9	20 33	2 5	0 9	0 0	14 4		n.a.
F 25	23 43	13 14	2 22	18 58	4 42	24 15	1 27	24 45	1 3	1 49	1 24	13 48	2 6	15 57	0 44	22 57	0 9	20 34	2 5	0 8	0s 1	14 7		n.a.
S 26	23 44	19 8	3 24	18 57	4 42	24 7	1 28	24 44	1 3	1 51	1 24	13 48	2 6	15 56	0 44	22 57	0 9	20 34	2 5	0 7	0 2	14 10		n.a.
S 27	23 44	23 58	4 14	18 58	4 40	23 58	1 29	24 44	1 3	1 54	1 24	13 49	2 6	15 55	0 44	22 58	0 9	20 34	2 5	0 4	0 3	14 13		n.a.
M28	23 44	27 15	4 46	18 59	4 37	23 48	1 30	24 43	1 3	1 56	1 24	13 49	2 7	15 54	0 44	22 58	0 9	20 34	2 5	0 0	0 5	14 16		n.a.
T 29	23 44	28 41	5 0	19 3	4 32	23 38	1 30	24 41	1 4	1 59	1 24	13 50	2 7	15 53	0 44	22 58	0 9	20 35	2 5	0s 4	0 6	14 19		n.a.
W30	23n43	28n10	4n55	19n 8	4s25	23n27	1n31	24n40	1n 4	2n 1	1s25	13s51	2s 7	15n52	0n44	22s58	0n 9	20n35	2s 5	0s 9	0s 7	14s22		n.a.

Julian Day Number = 1610903.5, Delta T = 03h53m20s
Ecliptic obliquity = 23°44'04, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'56, Lahiri = - 8°07'56 Julian Calendar 1 June 303 BCE == Greg. Calendar 27 May 303 BCE

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

JULY 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 17 6	3♋15'50	25♋ 0	22°R38	23♋ 0	6♋28	8♈22	29°R15	19♌30	12°R43	13♊ 2	29°R27	29♓39	0♏53	n.a.	T 1
F 2	18 21 2	4°13'14	8♌35	22♊20	24°13	7° 6	8°28	29♒14	19°32	12♉41	13° 3	29♓18	29°36	1° 0	n.a.	F 2
S 3	18 24 59	5°10'39	21°45	22° 7	25°27	7°44	8°34	29°12	19°35	12°39	13° 5	29°11	29°33	1° 7	n.a.	S 3
S 4	18 28 55	6° 8'04	4♍31	22° 1	26°40	8°22	8°40	29°10	19°38	12°38	13° 6	29° 7	29°29	1°13	n.a.	S 4
M 5	18 32 52	7° 5'31	16°56	22°D 0	27°54	9° 1	8°45	29° 8	19°41	12°36	13° 7	29° 5	29°26	1°20	n.a.	M 5
T 6	18 36 49	8° 2'58	29° 4	22° 7	29° 7	9°39	8°51	29° 6	19°44	12°35	13° 9	29°D 5	29°23	1°27	n.a.	T 6
W 7	18 40 45	9° 0'26	11♎ 1	22°19	0♌21	10°17	8°56	29° 4	19°47	12°33	13°10	29°R 5	29°20	1°33	n.a.	W 7
T 8	18 44 42	9°57'55	22°51	22°39	1°34	10°55	9° 1	29° 2	19°51	12°31	13°12	29° 4	29°17	1°40	n.a.	T 8
F 9	18 48 38	10°55'25	4♏40	23° 5	2°48	11°34	9° 7	29° 0	19°54	12°30	13°13	29° 2	29°13	1°47	n.a.	F 9
S 10	18 52 35	11°52'56	16°34	23°38	4° 1	12°12	9°11	28°58	19°57	12°28	13°14	28°58	29°10	1°53	n.a.	S 10
S 11	18 56 31	12°50'28	28°36	24°18	5°15	12°50	9°16	28°55	20° 0	12°26	13°16	28°51	29° 7	2° 0	n.a.	S 11
M12	19 0 28	13°48'02	10♐49	25° 4	6°28	13°28	9°21	28°53	20° 3	12°25	13°17	28°41	29° 4	2° 7	n.a.	M12
T 13	19 4 24	14°45'36	23°17	25°57	7°42	14° 6	9°25	28°50	20° 6	12°23	13°19	28°30	29° 1	2°13	n.a.	T 13
W14	19 8 21	15°43'12	6♑ 0	26°56	8°55	14°45	9°29	28°47	20°10	12°21	13°20	28°18	28°58	2°20	n.a.	W14
T 15	19 12 18	16°40'49	18°58	28° 2	10° 8	15°23	9°33	28°45	20°13	12°20	13°21	28° 6	28°54	2°27	n.a.	T 15
F 16	19 16 14	17°38'28	2♒10	29°13	11°22	16° 1	9°37	28°42	20°16	12°18	13°23	27°55	28°51	2°33	n.a.	F 16
S 17	19 20 11	18°36'08	15°35	0♋31	12°35	16°39	9°40	28°39	20°20	12°17	13°24	27°47	28°48	2°40	n.a.	S 17
S 18	19 24 7	19°33'50	29°10	1°53	13°48	17°17	9°44	28°36	20°23	12°15	13°25	27°42	28°45	2°47	n.a.	S 18
M19	19 28 4	20°31'33	12♓54	3°21	15° 2	17°56	9°47	28°33	20°26	12°13	13°26	27°39	28°42	2°53	n.a.	M19
T 20	19 32 0	21°29'18	26°46	4°54	16°15	18°34	9°50	28°29	20°30	12°12	13°28	27°D38	28°39	3° 0	n.a.	T 20
W21	19 35 57	22°27'05	10♈45	6°31	17°28	19°12	9°53	28°26	20°33	12°10	13°29	27°38	28°35	3° 7	n.a.	W21
T 22	19 39 53	23°24'53	24°50	8°12	18°42	19°50	9°56	28°23	20°37	12° 9	13°30	27°R39	28°32	3°13	n.a.	T 22
F 23	19 43 50	24°22'44	9♉ 1	9°56	19°55	20°28	9°58	28°19	20°40	12° 7	13°31	27°38	28°29	3°20	n.a.	F 23
S 24	19 47 47	25°20'37	23°15	11°44	21° 8	21° 7	10° 1	28°16	20°44	12° 5	13°33	27°35	28°26	3°27	n.a.	S 24
S 25	19 51 43	26°18'31	7♊31	13°34	22°22	21°45	10° 3	28°12	20°47	12° 4	13°34	27°29	28°23	3°33	n.a.	S 25
M26	19 55 40	27°16'28	21°44	15°27	23°35	22°23	10° 5	28° 9	20°51	12° 2	13°35	27°22	28°19	3°40	n.a.	M26
T 27	19 59 36	28°14'26	5♋51	17°21	24°48	23° 1	10° 6	28° 5	20°54	12° 1	13°36	27°13	28°16	3°47	n.a.	T 27
W28	20 3 33	29°12'26	19°46	19°17	26° 1	23°40	10° 8	28° 1	20°58	11°59	13°37	27° 3	28°13	3°53	n.a.	W28
T 29	20 7 29	0♌10'28	3♌26	21°14	27°15	24°18	10° 9	27°58	21° 1	11°58	13°38	26°54	28°10	4° 0	n.a.	T 29
F 30	20 11 26	1° 8'32	16°47	23°11	28°28	24°56	10°10	27°54	21° 5	11°56	13°40	26°47	28° 7	4° 7	n.a.	F 30
S 31	20 15 23	2♌ 6'37	29♌47	25♋ 9	29♌41	25♋34	10♈11	27♒50	21♌ 9	11♉55	13♊41	26♓41	28♓ 4	4♏13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n42	25n50	4n31	19n15	4s17	23n15	1n31	24n38	1n 4	2n 3	1s25	13s52	2s 7	15n51	0n44	22s58	0n 9	20n35	2s 5	0s13	0s 8	14s25		n.a.
F 2	23 40	22 5	3 53	19 24	4 7	23 2	1 32	24 37	1 4	2 6	1 25	13 52	2 8	15 50	0 44	22 58	0 9	20 35	2 4	0 17	0 10	14 29		n.a.
S 3	23 38	17 19	3 4	19 34	3 57	22 49	1 32	24 35	1 4	2 8	1 25	13 53	2 8	15 49	0 44	22 59	0 9	20 35	2 4	0 20	0 11	14 32		n.a.
S 4	23 35	11 56	2 6	19 45	3 45	22 35	1 32	24 32	1 5	2 10	1 26	13 54	2 8	15 48	0 44	22 59	0 9	20 36	2 4	0 21	0 12	14 35		n.a.
M 5	23 33	6 12	1 4	19 58	3 32	22 21	1 33	24 30	1 5	2 12	1 26	13 55	2 8	15 47	0 44	22 59	0 9	20 36	2 4	0 22	0 14	14 38		n.a.
T 6	23 29	0 23	0 0	20 12	3 19	22 6	1 33	24 27	1 5	2 14	1 26	13 56	2 9	15 46	0 44	22 59	0 9	20 36	2 4	0 22	0 15	14 41		n.a.
W 7	23 25	5s22	1s 3	20 26	3 4	21 50	1 33	24 25	1 5	2 16	1 26	13 57	2 9	15 45	0 44	22 59	0 9	20 36	2 4	0 22	0 16	14 44		n.a.
T 8	23 21	10 53	2 2	20 42	2 50	21 34	1 33	24 22	1 5	2 18	1 27	13 58	2 9	15 44	0 44	22 59	0 9	20 36	2 4	0 22	0 17	14 47		n.a.
F 9	23 17	16 0	2 57	20 59	2 34	21 17	1 33	24 19	1 6	2 19	1 27	13 59	2 9	15 43	0 44	23 0	0 9	20 37	2 4	0 23	0 19	14 50		n.a.
S 10	23 12	20 33	3 44	21 16	2 19	20 59	1 33	24 15	1 6	2 21	1 27	14 0	2 10	15 42	0 44	23 0	0 9	20 37	2 4	0 25	0 20	14 53		n.a.
S 11	23 6	24 20	4 21	21 34	2 3	20 41	1 32	24 12	1 6	2 23	1 27	14 1	2 10	15 41	0 44	23 0	0 9	20 37	2 4	0 28	0 21	14 56		n.a.
M12	23 1	27 5	4 47	21 51	1 47	20 22	1 32	24 8	1 6	2 24	1 28	14 2	2 10	15 40	0 44	23 0	0 9	20 37	2 4	0 32	0 23	14 59		n.a.
T 13	22 54	28 33	5 0	22 9	1 32	20 3	1 32	24 4	1 6	2 26	1 28	14 3	2 10	15 39	0 44	23 0	0 9	20 37	2 4	0 36	0 24	15 2		n.a.
W14	22 48	28 34	4 59	22 26	1 16	19 43	1 31	24 0	1 6	2 27	1 28	14 4	2 11	15 38	0 44	23 0	0 9	20 38	2 4	0 41	0 25	15 5		n.a.
T 15	22 41	27 1	4 42	22 43	1 0	19 23	1 31	23 56	1 7	2 29	1 28	14 6	2 11	15 37	0 44	23 1	0 9	20 38	2 4	0 46	0 26	15 8		n.a.
F 16	22 33	23 58	4 10	22 59	0 45	19 2	1 30	23 52	1 7	2 30	1 29	14 7	2 11	15 36	0 44	23 1	0 9	20 38	2 4	0 50	0 28	15 11		n.a.
S 17	22 25	19 36	3 24	23 13	0 31	18 40	1 30	23 47	1 7	2 31	1 29	14 8	2 11	15 35	0 44	23 1	0 9	20 38	2 4	0 53	0 29	15 14		n.a.
S 18	22 17	14 10	2 25	23 27	0 16	18 18	1 29	23 43	1 7	2 32	1 29	14 9	2 11	15 34	0 44	23 1	0 9	20 38	2 4	0 56	0 30	15 17		n.a.
M19	22 9	7 59	1 18	23 39	0 3	17 56	1 28	23 38	1 7	2 33	1 29	14 11	2 12	15 33	0 44	23 1	0 9	20 39	2 4	0 57	0 32	15 20		n.a.
T 20	22 0	1 22	0 5	23 49	0n10	17 33	1 27	23 33	1 7	2 34	1 30	14 12	2 12	15 31	0 44	23 1	0 9	20 39	2 4	0 57	0 33	15 23		n.a.
W21	21 50	5n22	1n 9	23 57	0 23	17 9	1 26	23 27	1 8	2 35	1 30	14 13	2 12	15 30	0 44	23 2	0 9	20 39	2 4	0 57	0 34	15 26		n.a.
T 22	21 41	11 54	2 20	24 3	0 34	16 45	1 25	23 22	1 8	2 36	1 30	14 15	2 12	15 29	0 44	23 2	0 9	20 39	2 4	0 57	0 35	15 29		n.a.
F 23	21 30	17 52	3 22	24 6	0 45	16 21	1 24	23 16	1 8	2 37	1 30	14 16	2 13	15 28	0 44	23 2	0 9	20 39	2 4	0 57	0 37	15 32		n.a.
S 24	21 20	22 52	4 12	24 7	0 55	15 56	1 23	23 10	1 8	2 37	1 31	14 18	2 13	15 27	0 44	23 2	0 9	20 40	2 4	0 58	0 38	15 35		n.a.
S 25	21 9	26 32	4 46	24 6	1 4	15 31	1 22	23 4	1 8	2 38	1 31	14 19	2 13	15 26	0 44	23 2	0 9	20 40	2 4	1 1	0 39	15 38		n.a.
M26	20 58	28 31	5 3	24 1	1 12	15 5	1 21	22 58	1 8	2 39	1 31	14 20	2 13	15 25	0 44	23 2	0 9	20 40	2 4	1 4	0 40	15 41		n.a.
T 27	20 46	28 37	5 1	23 54	1 19	14 39	1 19	22 52	1 8	2 39	1 32	14 22	2 13	15 23	0 44	23 3	0 9	20 40	2 4	1 7	0 42	15 44		n.a.
W28	20 34	26 53	4 41	23 45	1 26	14 13	1 18	22 46	1 9	2 39	1 32	14 23	2 13	15 22	0 43	23 3	0 9	20 40	2 4	1 11	0 43	15 47		n.a.
T 29	20 22	23 36	4 5	23 32	1 31	13 46	1 16	22 39	1 9	2 40	1 32	14 25	2 14	15 21	0 43	23 3	0 9	20 40	2 4	1 15	0 44	15 50		n.a.
F 30	20 9	19 7	3 17	23 17	1 36	13 19	1 15	22 32	1 9	2 40	1 32	14 26	2 14	15 20	0 43	23 3	0 9	20 41	2 4	1 18	0 46	15 53		n.a.
S 31	19n56	13n51	2n19	23n 0	1n40	12n52	1n13	22n25	1n 9	2n40	1s33	14s28	2s14	15n19	0n43	23s 3	0n 9	20n41	2s 4	1s20	0s47	15s56		n.a.

Julian Day Number = 1610933.5, Delta T = 03h53m19s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'52, Lahiri = - 8°07'52 Julian Calendar 1 July 303 BCE == Greg. Calendar 26 June 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

AUGUST 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 19 19	3♌ 4'44	12♍28	27♋ 7	0♍54	26♋13	10♈12	27°R46	21♌12	11°R53	13♊42	26°R38	28♓ 0	4♏20	n.a.	S 1
M 2	20 23 16	4° 2'53	24°50	29° 5	2° 7	26°51	10°13	27♒42	21°16	11♑52	13°43	26°D37	27°57	4°27	n.a.	M 2
T 3	20 27 12	5° 1'03	6♎58	1♌ 3	3°21	27°29	10°13	27°38	21°20	11°50	13°44	26♓37	27°54	4°33	n.a.	T 3
W 4	20 31 9	5°59'14	18°54	3° 0	4°34	28° 7	10°R13	27°34	21°23	11°49	13°45	26°38	27°51	4°40	n.a.	W 4
T 5	20 35 5	6°57'28	0♏45	4°56	5°47	28°46	10°13	27°29	21°27	11°47	13°46	26°39	27°48	4°47	n.a.	T 5
F 6	20 39 2	7°55'43	12°35	6°52	7° 0	29°24	10°13	27°25	21°31	11°46	13°47	26°R40	27°45	4°53	n.a.	F 6
S 7	20 42 58	8°53'59	24°30	8°47	8°13	0♌ 2	10°12	27°21	21°34	11°44	13°48	26°38	27°41	5° 0	n.a.	S 7
S 8	20 46 55	9°52'18	6♐34	10°41	9°26	0°40	10°12	27°16	21°38	11°43	13°49	26°35	27°38	5° 7	n.a.	S 8
M 9	20 50 51	10°50'38	18°52	12°34	10°39	1°19	10°11	27°12	21°42	11°42	13°50	26°29	27°35	5°13	n.a.	M 9
T 10	20 54 48	11°48'59	1♑27	14°25	11°52	1°57	10°10	27° 8	21°46	11°40	13°51	26°23	27°32	5°20	n.a.	T 10
W11	20 58 45	12°47'23	14°20	16°16	13° 5	2°35	10° 9	27° 3	21°49	11°39	13°52	26°15	27°29	5°27	n.a.	W11
T 12	21 2 41	13°45'49	27°34	18° 6	14°18	3°14	10° 7	26°59	21°53	11°38	13°52	26° 8	27°25	5°33	n.a.	T 12
F 13	21 6 38	14°44'16	11♒ 6	19°55	15°31	3°52	10° 5	26°54	21°57	11°36	13°53	26° 2	27°22	5°40	n.a.	F 13
S 14	21 10 34	15°42'45	24°54	21°42	16°44	4°30	10° 4	26°50	22° 1	11°35	13°54	25°57	27°19	5°47	n.a.	S 14
S 15	21 14 31	16°41'16	8♓55	23°29	17°57	5° 8	10° 2	26°45	22° 4	11°34	13°55	25°54	27°16	5°54	n.a.	S 15
M16	21 18 27	17°39'50	23° 4	25°14	19° 9	5°47	9°59	26°41	22° 8	11°32	13°56	25°D52	27°13	6° 0	n.a.	M16
T 17	21 22 24	18°38'25	7♈19	26°59	20°22	6°25	9°57	26°36	22°12	11°31	13°57	25°53	27°10	6° 7	n.a.	T 17
W18	21 26 20	19°37'03	21°35	28°42	21°35	7° 3	9°54	26°31	22°16	11°30	13°57	25°54	27° 6	6°14	n.a.	W18
T 19	21 30 17	20°35'43	5♉51	0♍25	22°48	7°42	9°51	26°27	22°19	11°29	13°58	25°55	27° 3	6°20	n.a.	T 19
F 20	21 34 14	21°34'26	20° 2	2° 6	24° 1	8°20	9°48	26°22	22°23	11°28	13°59	25°R56	27° 0	6°27	n.a.	F 20
S 21	21 38 10	22°33'11	4♊ 8	3°46	25°13	8°58	9°45	26°17	22°27	11°27	13°59	25°56	26°57	6°34	n.a.	S 21
S 22	21 42 7	23°31'59	18° 8	5°25	26°26	9°37	9°42	26°13	22°31	11°25	14° 0	25°54	26°54	6°40	n.a.	S 22
M23	21 46 3	24°30'49	1♋59	7° 4	27°39	10°15	9°38	26° 8	22°35	11°24	14° 1	25°50	26°51	6°47	n.a.	M23
T 24	21 50 0	25°29'41	15°39	8°41	28°51	10°54	9°34	26° 3	22°38	11°23	14° 1	25°46	26°47	6°54	n.a.	T 24
W25	21 53 56	26°28'36	29° 8	10°17	0♎ 4	11°32	9°30	25°59	22°42	11°22	14° 2	25°41	26°44	7° 0	n.a.	W25
T 26	21 57 53	27°27'33	12♌22	11°53	1°17	12°10	9°26	25°54	22°46	11°21	14° 3	25°37	26°41	7° 7	n.a.	T 26
F 27	22 1 49	28°26'31	25°22	13°27	2°29	12°49	9°22	25°49	22°50	11°20	14° 3	25°33	26°38	7°14	n.a.	F 27
S 28	22 5 46	29°25'33	8♍ 7	15° 1	3°42	13°27	9°17	25°44	22°54	11°19	14° 4	25°30	26°35	7°20	n.a.	S 28
S 29	22 9 43	0♍24'36	20°36	16°34	4°54	14° 6	9°13	25°40	22°57	11°18	14° 4	25°D29	26°31	7°27	n.a.	S 29
M30	22 13 39	1°23'41	2♎51	18° 6	6° 7	14°44	9° 8	25°35	23° 1	11°17	14° 5	25°29	26°28	7°34	n.a.	M30
T 31	22 17 36	2♍22'48	14♎55	19♍37	7♎19	15♌22	9♈ 3	25♒30	23♌ 5	11♑17	14♊ 5	25♓30	26♓25	7♏40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19n43	8n 7	1n15	22n40	1n43	12n24	1n11	22n18	1n 9	2n40	1s33	14s30	2s14	15n17	0n43	23s 3	0n 8	20n41	2s 4	1s21	0s48	15s59			n.a.
M 2	19 29	2 13	0 10	22 18	1 45	11 56	1 10	22 11	1 9	2 40	1 33	14 31	2 14	15 16	0 43	23 3	0 8	20 41	2 4	1 22	0 49	16 2			n.a.
T 3	19 15	3s39	0s55	21 54	1 47	11 27	1 8	22 3	1 9	2 40	1 33	14 33	2 15	15 15	0 43	23 4	0 8	20 41	2 4	1 22	0 51	16 5			n.a.
W 4	19 0	9 18	1 57	21 28	1 48	10 59	1 6	21 56	1 10	2 40	1 34	14 34	2 15	15 14	0 43	23 4	0 8	20 41	2 4	1 21	0 52	16 8			n.a.
T 5	18 46	14 35	2 53	21 0	1 48	10 30	1 4	21 48	1 10	2 39	1 34	14 36	2 15	15 13	0 43	23 4	0 8	20 41	2 4	1 21	0 53	16 11			n.a.
F 6	18 31	19 20	3 42	20 31	1 47	10 0	1 2	21 40	1 10	2 39	1 34	14 38	2 15	15 11	0 43	23 4	0 8	20 42	2 3	1 21	0 55	16 14			n.a.
S 7	18 15	23 21	4 22	20 0	1 46	9 31	1 0	21 32	1 10	2 39	1 34	14 39	2 15	15 10	0 43	23 4	0 8	20 42	2 3	1 21	0 56	16 17			n.a.
S 8	18 0	26 26	4 50	19 27	1 45	9 1	0 58	21 23	1 10	2 38	1 35	14 41	2 15	15 9	0 43	23 4	0 8	20 42	2 3	1 23	0 57	16 20			n.a.
M 9	17 44	28 20	5 6	18 53	1 42	8 31	0 55	21 15	1 10	2 38	1 35	14 43	2 15	15 8	0 43	23 4	0 8	20 42	2 3	1 25	0 58	16 23			n.a.
T 10	17 27	28 51	5 7	18 18	1 40	8 1	0 53	21 7	1 10	2 37	1 35	14 44	2 16	15 7	0 43	23 5	0 8	20 42	2 3	1 27	1 0	16 26			n.a.
W11	17 11	27 49	4 53	17 41	1 37	7 30	0 51	20 58	1 10	2 36	1 35	14 46	2 16	15 5	0 43	23 5	0 8	20 42	2 3	1 30	1 1	16 29			n.a.
T 12	16 54	25 13	4 24	17 4	1 33	7 0	0 48	20 49	1 10	2 36	1 36	14 48	2 16	15 4	0 43	23 5	0 8	20 42	2 3	1 33	1 2	16 32			n.a.
F 13	16 37	21 10	3 39	16 26	1 29	6 29	0 46	20 40	1 10	2 35	1 36	14 49	2 16	15 3	0 43	23 5	0 8	20 42	2 3	1 36	1 3	16 35			n.a.
S 14	16 19	15 54	2 40	15 47	1 25	5 58	0 43	20 31	1 11	2 34	1 36	14 51	2 16	15 2	0 43	23 5	0 8	20 43	2 3	1 38	1 5	16 38			n.a.
S 15	16 2	9 44	1 31	15 7	1 21	5 27	0 41	20 21	1 11	2 33	1 36	14 53	2 16	15 0	0 43	23 5	0 8	20 43	2 3	1 39	1 6	16 41			n.a.
M16	15 44	3 1	0 15	14 27	1 16	4 56	0 38	20 12	1 11	2 32	1 37	14 54	2 16	14 59	0 43	23 5	0 8	20 43	2 3	1 40	1 7	16 44			n.a.
T 17	15 25	3n53	1n 2	13 46	1 11	4 24	0 36	20 2	1 11	2 30	1 37	14 56	2 16	14 58	0 43	23 5	0 8	20 43	2 3	1 39	1 9	16 46			n.a.
W18	15 7	10 36	2 16	13 5	1 5	3 53	0 33	19 53	1 11	2 29	1 37	14 58	2 16	14 57	0 43	23 6	0 8	20 43	2 3	1 39	1 10	16 49			n.a.
T 19	14 48	16 47	3 21	12 23	1 0	3 21	0 30	19 43	1 11	2 28	1 37	14 59	2 17	14 55	0 43	23 6	0 8	20 43	2 3	1 38	1 11	16 52			n.a.
F 20	14 29	22 2	4 13	11 41	0 54	2 49	0 27	19 33	1 11	2 26	1 38	15 1	2 17	14 54	0 43	23 6	0 8	20 43	2 3	1 38	1 12	16 55			n.a.
S 21	14 10	25 59	4 50	10 59	0 48	2 18	0 24	19 23	1 11	2 25	1 38	15 3	2 17	14 53	0 43	23 6	0 8	20 43	2 3	1 38	1 14	16 58			n.a.
S 22	13 50	28 20	5 9	10 16	0 41	1 46	0 22	19 12	1 11	2 23	1 38	15 4	2 17	14 52	0 43	23 6	0 8	20 43	2 3	1 39	1 15	17 1			n.a.
M23	13 31	28 54	5 10	9 34	0 35	1 14	0 19	19 2	1 11	2 22	1 38	15 6	2 17	14 50	0 43	23 6	0 8	20 43	2 3	1 40	1 16	17 4			n.a.
T 24	13 11	27 40	4 54	8 51	0 28	0 42	0 16	18 51	1 11	2 20	1 38	15 8	2 17	14 49	0 43	23 6	0 8	20 44	2 3	1 42	1 18	17 7			n.a.
W25	12 51	24 50	4 21	8 8	0 21	0 10	0 13	18 41	1 11	2 18	1 39	15 10	2 17	14 48	0 43	23 6	0 8	20 44	2 3	1 44	1 19	17 10			n.a.
T 26	12 30	20 44	3 35	7 25	0 15	0s22	0 10	18 30	1 12	2 16	1 39	15 11	2 17	14 47	0 43	23 6	0 8	20 44	2 3	1 46	1 20	17 12			n.a.
F 27	12 10	15 42	2 38	6 42	0 8	0 54	0 6	18 19	1 12	2 14	1 39	15 13	2 17	14 45	0 43	23 7	0 8	20 44	2 3	1 47	1 21	17 15			n.a.
S 28	11 49	10 5	1 34	5 59	0 0	1 26	0 3	18 8	1 12	2 12	1 39	15 15	2 17	14 44	0 43	23 7	0 8	20 44	2 3	1 48	1 23	17 18			n.a.
S 29	11 28	4 11	0 27	5 16	0s 7	1 58	0 0	17 57	1 12	2 10	1 39	15 16	2 17	14 43	0 43	23 7	0 8	20 44	2 3	1 49	1 24	17 21			n.a.
M30	11 7	1s46	0s40	4 33	0 14	2 30	0s 3	17 45	1 12	2 8	1 40	15 18	2 17	14 42	0 43	23 7	0 8	20 44	2 3	1 49	1 25	17 24			n.a.
T 31	10n45	7s33	1s45	3n50	0s21	3s 2	0s 6	17n34	1n12	2n 6	1s40	15s19	2s17	14n40	0n43	23s 7	0n 8	20n44	2s 3	1s48	1s26	17s27			n.a.

Julian Day Number = 1610964.5, Delta T = 03h53m18s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'48, Lahiri = - 8°07'48 Julian Calendar 1 Aug. 303 BCE == Greg. Calendar 27 July 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

SEPTEMBER 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 21 32	3♍21'57	26♎50	21♍ 7	8♎32	16♌ 1	8°R57	25°R26	23♌ 9	11°R16	14♊ 6	25♓32	26♓22	7♏47	n.a.	W 1
T 2	22 25 29	4°21'08	8♏40	22°36	9°44	16°39	8♈52	25♒21	23°12	11♉15	14° 6	25°34	26°19	7°54	n.a.	T 2
F 3	22 29 25	5°20'21	20°30	24° 4	10°56	17°18	8°47	25°17	23°16	11°14	14° 6	25°35	26°16	8° 0	n.a.	F 3
S 4	22 33 22	6°19'36	2♐24	25°32	12° 9	17°56	8°41	25°12	23°20	11°13	14° 7	25°R36	26°12	8° 7	n.a.	S 4
S 5	22 37 18	7°18'53	14°27	26°58	13°21	18°35	8°35	25° 7	23°23	11°13	14° 7	25°36	26° 9	8°14	n.a.	S 5
M 6	22 41 15	8°18'12	26°44	28°24	14°33	19°13	8°29	25° 3	23°27	11°12	14° 8	25°35	26° 6	8°20	n.a.	M 6
T 7	22 45 11	9°17'33	9♑19	29°48	15°45	19°52	8°23	24°58	23°31	11°11	14° 8	25°33	26° 3	8°27	n.a.	T 7
W 8	22 49 8	10°16'56	22°15	1♒12	16°58	20°30	8°17	24°54	23°35	11°11	14° 8	25°31	26° 0	8°34	n.a.	W 8
T 9	22 53 5	11°16'20	5♒34	2°34	18°10	21° 9	8°10	24°50	23°38	11°10	14° 8	25°29	25°57	8°40	n.a.	T 9
F 10	22 57 1	12°15'47	19°17	3°56	19°22	21°47	8° 4	24°45	23°42	11° 9	14° 9	25°27	25°53	8°47	n.a.	F 10
S 11	23 0 58	13°15'16	3♓22	5°16	20°34	22°26	7°57	24°41	23°45	11° 9	14° 9	25°26	25°50	8°54	n.a.	S 11
S 12	23 4 54	14°14'46	17°46	6°36	21°46	23° 4	7°50	24°37	23°49	11° 8	14° 9	25°25	25°47	9° 1	n.a.	S 12
M13	23 8 51	15°14'19	2♈22	7°54	22°58	23°43	7°43	24°32	23°53	11° 8	14° 9	25°D25	25°44	9° 7	n.a.	M13
T 14	23 12 47	16°13'54	17° 5	9°10	24°10	24°21	7°36	24°28	23°56	11° 7	14° 9	25°26	25°41	9°14	n.a.	T 14
W15	23 16 44	17°13'31	1♉47	10°26	25°22	25° 0	7°29	24°24	24° 0	11° 7	14° 9	25°26	25°37	9°21	n.a.	W15
T 16	23 20 40	18°13'10	16°23	11°40	26°33	25°39	7°22	24°20	24° 3	11° 6	14°10	25°27	25°34	9°27	n.a.	T 16
F 17	23 24 37	19°12'53	0♊48	12°52	27°45	26°17	7°14	24°16	24° 7	11° 6	14°10	25°28	25°31	9°34	n.a.	F 17
S 18	23 28 34	20°12'37	14°58	14° 3	28°57	26°56	7° 7	24°12	24°10	11° 6	14°10	25°R28	25°28	9°41	n.a.	S 18
S 19	23 32 30	21°12'24	28°53	15°11	0♏ 9	27°35	6°59	24° 8	24°14	11° 5	14°R10	25°28	25°25	9°47	n.a.	S 19
M20	23 36 27	22°12'13	12♋30	16°18	1°20	28°13	6°52	24° 4	24°17	11° 5	14°10	25°28	25°22	9°54	n.a.	M20
T 21	23 40 23	23°12'05	25°52	17°22	2°32	28°52	6°44	24° 0	24°21	11° 5	14°10	25°27	25°18	10° 1	n.a.	T 21
W22	23 44 20	24°11'59	8♌57	18°24	3°44	29°30	6°36	23°57	24°24	11° 5	14°10	25°27	25°15	10° 7	n.a.	W22
T 23	23 48 16	25°11'55	21°49	19°24	4°55	0♍ 9	6°28	23°53	24°28	11° 5	14° 9	25°D27	25°12	10°14	n.a.	T 23
F 24	23 52 13	26°11'54	4♍27	20°20	6° 6	0°48	6°21	23°49	24°31	11° 4	14° 9	25°27	25° 9	10°21	n.a.	F 24
S 25	23 56 9	27°11'54	16°53	21°13	7°18	1°27	6°13	23°46	24°34	11° 4	14° 9	25°27	25° 6	10°27	n.a.	S 25
S 26	0 0 6	28°11'56	29° 8	22° 2	8°29	2° 5	6° 5	23°42	24°38	11° 4	14° 9	25°R27	25° 2	10°34	n.a.	S 26
M27	0 4 3	29°12'01	11♎13	22°47	9°41	2°44	5°56	23°39	24°41	11° 4	14° 9	25°27	24°59	10°41	n.a.	M27
T 28	0 7 59	0♎12'07	23°11	23°28	10°52	3°23	5°48	23°36	24°44	11°D 4	14° 9	25°27	24°56	10°47	n.a.	T 28
W29	0 11 56	1°12'16	5♏ 4	24° 3	12° 3	4° 1	5°40	23°32	24°48	11° 4	14° 9	25°26	24°53	10°54	n.a.	W29
T 30	0 15 52	2♎12'26	16♏53	24♎33	13♏14	4♍40	5♈32	23♒29	24♌51	11♉ 4	14♊ 8	25♓25	24♓50	11♏ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10n24	13s 1	2s44	3n 8	0s28	3s34	0s 9	17n22	1n12	2n 4	1s40	15s21	2s17	14n39	0n43	23s 7	0n 8	20n44	2s 3	1s48	1s28	17s30		n.a.
T 2	10 2	17 58	3 36	2 26	0 36	4 6	0 13	17 11	1 12	2 2	1 40	15 23	2 17	14 38	0 43	23 7	0 8	20 44	2 3	1 47	1 29	17 32		n.a.
F 3	9 40	22 15	4 19	1 43	0 43	4 38	0 16	16 59	1 12	1 59	1 40	15 24	2 17	14 37	0 43	23 7	0 8	20 44	2 3	1 47	1 30	17 35		n.a.
S 4	9 18	25 38	4 50	1 2	0 50	5 9	0 19	16 47	1 12	1 57	1 40	15 26	2 17	14 36	0 43	23 7	0 8	20 44	2 3	1 46	1 32	17 38		n.a.
S 5	8 56	27 57	5 10	0 20	0 58	5 41	0 23	16 35	1 12	1 54	1 41	15 27	2 17	14 34	0 43	23 7	0 8	20 44	2 3	1 46	1 33	17 41		n.a.
M 6	8 33	28 57	5 16	0s21	1 5	6 12	0 26	16 23	1 12	1 52	1 41	15 29	2 17	14 33	0 43	23 7	0 8	20 44	2 3	1 47	1 34	17 44		n.a.
T 7	8 11	28 30	5 7	1 1	1 12	6 44	0 29	16 11	1 12	1 49	1 41	15 30	2 17	14 32	0 44	23 8	0 8	20 44	2 3	1 47	1 35	17 47		n.a.
W 8	7 48	26 31	4 42	1 42	1 20	7 15	0 33	15 58	1 12	1 47	1 41	15 32	2 17	14 31	0 44	23 8	0 8	20 45	2 3	1 48	1 37	17 49		n.a.
T 9	7 26	23 1	4 2	2 22	1 27	7 46	0 36	15 46	1 12	1 44	1 41	15 33	2 17	14 29	0 44	23 8	0 8	20 45	2 3	1 49	1 38	17 52		n.a.
F 10	7 3	18 10	3 7	3 1	1 34	8 17	0 40	15 33	1 12	1 41	1 41	15 35	2 17	14 28	0 44	23 8	0 8	20 45	2 3	1 50	1 39	17 55		n.a.
S 11	6 40	12 14	1 59	3 40	1 41	8 47	0 43	15 20	1 12	1 39	1 41	15 36	2 17	14 27	0 44	23 8	0 8	20 45	2 3	1 50	1 40	17 58		n.a.
S 12	6 16	5 32	0 42	4 18	1 48	9 18	0 46	15 8	1 12	1 36	1 41	15 38	2 17	14 26	0 44	23 8	0 8	20 45	2 3	1 50	1 42	18 1		n.a.
M13	5 53	1n32	0n38	4 55	1 54	9 48	0 50	14 55	1 12	1 33	1 42	15 39	2 17	14 25	0 44	23 8	0 8	20 45	2 3	1 50	1 43	18 4		n.a.
T 14	5 30	8 35	1 57	5 32	2 1	10 18	0 53	14 42	1 12	1 30	1 42	15 41	2 17	14 23	0 44	23 8	0 8	20 45	2 3	1 50	1 44	18 6		n.a.
W15	5 6	15 11	3 8	6 8	2 7	10 48	0 57	14 29	1 12	1 27	1 42	15 42	2 17	14 22	0 44	23 8	0 8	20 45	2 3	1 50	1 46	18 9		n.a.
T 16	4 43	20 52	4 7	6 43	2 14	11 18	1 0	14 16	1 12	1 24	1 42	15 43	2 17	14 21	0 44	23 8	0 8	20 45	2 3	1 50	1 47	18 12		n.a.
F 17	4 19	25 16	4 48	7 17	2 20	11 47	1 3	14 2	1 12	1 21	1 42	15 45	2 17	14 20	0 44	23 8	0 8	20 45	2 3	1 50	1 48	18 15		n.a.
S 18	3 55	28 2	5 12	7 50	2 25	12 16	1 7	13 49	1 12	1 18	1 42	15 46	2 17	14 19	0 44	23 8	0 8	20 45	2 3	1 49	1 49	18 17		n.a.
S 19	3 32	29 0	5 17	8 22	2 31	12 45	1 10	13 35	1 12	1 15	1 42	15 47	2 17	14 18	0 44	23 8	0 8	20 45	2 3	1 49	1 51	18 20		n.a.
M20	3 8	28 10	5 3	8 53	2 36	13 14	1 13	13 22	1 12	1 12	1 42	15 48	2 17	14 16	0 44	23 8	0 8	20 45	2 3	1 50	1 52	18 23		n.a.
T 21	2 44	25 43	4 34	9 22	2 41	13 42	1 17	13 8	1 12	1 9	1 42	15 50	2 17	14 15	0 44	23 8	0 8	20 45	2 3	1 50	1 53	18 26		n.a.
W22	2 20	21 56	3 50	9 51	2 45	14 10	1 20	12 55	1 12	1 6	1 42	15 51	2 17	14 14	0 44	23 8	0 8	20 45	2 3	1 50	1 55	18 29		n.a.
T 23	1 56	17 11	2 56	10 17	2 49	14 38	1 23	12 41	1 12	1 2	1 42	15 52	2 16	14 13	0 44	23 8	0 8	20 45	2 3	1 50	1 56	18 31		n.a.
F 24	1 32	11 46	1 54	10 42	2 53	15 5	1 27	12 27	1 12	0 59	1 42	15 53	2 16	14 12	0 44	23 8	0 8	20 45	2 3	1 50	1 57	18 34		n.a.
S 25	1 8	5 58	0 47	11 5	2 56	15 32	1 30	12 13	1 12	0 56	1 42	15 54	2 16	14 11	0 44	23 8	0 8	20 45	2 3	1 50	1 58	18 37		n.a.
S 26	0 43	0 2	0s20	11 26	2 59	15 58	1 33	11 59	1 12	0 53	1 42	15 55	2 16	14 10	0 44	23 8	0 8	20 45	2 3	1 50	2 0	18 40		n.a.
M27	0 19	5s49	1 26	11 45	3 0	16 25	1 36	11 45	1 12	0 50	1 42	15 56	2 16	14 9	0 44	23 8	0 8	20 45	2 3	1 50	2 1	18 42		n.a.
T 28	0s 5	11 24	2 28	12 1	3 1	16 50	1 39	11 30	1 12	0 46	1 42	15 57	2 16	14 8	0 44	23 8	0 8	20 45	2 3	1 50	2 2	18 45		n.a.
W29	0 29	16 32	3 23	12 15	3 2	17 16	1 43	11 16	1 12	0 43	1 42	15 58	2 16	14 6	0 44	23 8	0 8	20 45	2 3	1 50	2 3	18 48		n.a.
T 30	0s53	21s 3	4s 8	12s25	3s 1	17s41	1s46	11n 2	1n12	0n40	1s42	15s59	2s16	14n 5	0n44	23s 9	0n 8	20n45	2s 3	1s51	2s 5	18s50		n.a.

Julian Day Number = 1610995.5, Delta T = 03h53m17s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'44, Lahiri = - 8°07'43 Julian Calendar 1 Sept. 303 BCE == Greg. Calendar 27 Aug. 303 BCE

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

OCTOBER 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 19 49	3♎12'38	28♏42	24♎56	14♏25	5♍19	5°R24	23°R26	24♑54	11♉ 4	14°R 8	25°R24	24♓47	11♏ 8	n.a.	F 1
S 2	0 23 45	4°12'51	10♐36	25°13	15°36	5°58	5♈16	23♒23	24°57	11° 4	14♊ 8	25♓23	24°43	11°14	n.a.	S 2
S 3	0 27 42	5°13'07	22°37	25°23	16°47	6°36	5° 8	23°20	25° 0	11° 5	14° 7	25°22	24°40	11°21	n.a.	S 3
M 4	0 31 38	6°13'24	4♉50	25°R24	17°58	7°15	4°59	23°18	25° 3	11° 5	14° 7	25°D22	24°37	11°28	n.a.	M 4
T 5	0 35 35	7°13'42	17°19	25°16	19° 9	7°54	4°51	23°15	25° 6	11° 5	14° 7	25°22	24°34	11°34	n.a.	T 5
W 6	0 39 31	8°14'02	0♒10	25° 0	20°19	8°33	4°43	23°12	25° 9	11° 5	14° 6	25°23	24°31	11°41	n.a.	W 6
T 7	0 43 28	9°14'24	13°25	24°33	21°30	9°12	4°35	23°10	25°12	11° 6	14° 6	25°24	24°28	11°48	n.a.	T 7
F 8	0 47 25	10°14'47	27° 7	23°57	22°40	9°51	4°27	23° 7	25°15	11° 6	14° 5	25°25	24°24	11°54	n.a.	F 8
S 9	0 51 21	11°15'12	11♓15	23°11	23°51	10°29	4°19	23° 5	25°18	11° 6	14° 5	25°26	24°21	12° 1	n.a.	S 9
S 10	0 55 18	12°15'38	25°48	22°15	25° 1	11° 8	4°11	23° 3	25°21	11° 7	14° 4	25°R27	24°18	12° 8	n.a.	S 10
M11	0 59 14	13°16'06	10♈41	21°11	26°12	11°47	4° 3	23° 1	25°24	11° 7	14° 4	25°26	24°15	12°14	n.a.	M11
T 12	1 3 11	14°16'35	25°46	20° 0	27°22	12°26	3°55	22°58	25°27	11° 8	14° 3	25°25	24°12	12°21	n.a.	T 12
W13	1 7 7	15°17'07	10♉53	18°43	28°32	13° 5	3°47	22°57	25°30	11° 8	14° 3	25°22	24° 8	12°28	n.a.	W13
T 14	1 11 4	16°17'40	25°55	17°23	29°42	13°44	3°39	22°55	25°32	11° 9	14° 2	25°20	24° 5	12°34	n.a.	T 14
F 15	1 15 0	17°18'15	10♊41	16° 3	0♐52	14°23	3°32	22°53	25°35	11° 9	14° 2	25°17	24° 2	12°41	n.a.	F 15
S 16	1 18 57	18°18'52	25° 7	14°44	2° 1	15° 2	3°24	22°51	25°38	11°10	14° 1	25°14	23°59	12°48	n.a.	S 16
S 17	1 22 54	19°19'31	9♋ 8	13°30	3°11	15°41	3°16	22°50	25°40	11°11	14° 1	25°13	23°56	12°55	n.a.	S 17
M18	1 26 50	20°20'12	22°45	12°23	4°21	16°20	3° 9	22°48	25°43	11°11	14° 0	25°D13	23°53	13° 1	n.a.	M18
T 19	1 30 47	21°20'55	5♌59	11°25	5°30	16°59	3° 2	22°47	25°46	11°12	13°59	25°13	23°49	13° 8	n.a.	T 19
W20	1 34 43	22°21'39	18°52	10°37	6°40	17°38	2°54	22°46	25°48	11°13	13°58	25°15	23°46	13°15	n.a.	W20
T 21	1 38 40	23°22'25	1♍27	10° 0	7°49	18°17	2°47	22°45	25°50	11°13	13°58	25°16	23°43	13°21	n.a.	T 21
F 22	1 42 36	24°23'13	13°48	9°35	8°58	18°56	2°40	22°43	25°53	11°14	13°57	25°18	23°40	13°28	n.a.	F 22
S 23	1 46 33	25°24'02	25°59	9°22	10° 7	19°35	2°33	22°43	25°55	11°15	13°56	25°R18	23°37	13°35	n.a.	S 23
S 24	1 50 29	26°24'53	8♎ 1	9°D19	11°16	20°14	2°26	22°42	25°58	11°16	13°56	25°18	23°34	13°41	n.a.	S 24
M25	1 54 26	27°25'45	19°57	9°28	12°25	20°53	2°20	22°41	26° 0	11°17	13°55	25°15	23°30	13°48	n.a.	M25
T 26	1 58 23	28°26'38	1♏50	9°47	13°33	21°32	2°13	22°40	26° 2	11°18	13°54	25°11	23°27	13°55	n.a.	T 26
W27	2 2 19	29°27'33	13°40	10°14	14°42	22°11	2° 6	22°40	26° 4	11°19	13°53	25° 5	23°24	14° 1	n.a.	W27
T 28	2 6 16	0♏28'29	25°30	10°50	15°50	22°50	2° 0	22°40	26° 6	11°20	13°52	24°58	23°21	14° 8	n.a.	T 28
F 29	2 10 12	1°29'26	7♐22	11°33	16°58	23°29	1°54	22°39	26° 9	11°21	13°51	24°51	23°18	14°15	n.a.	F 29
S 30	2 14 9	2°30'25	19°17	12°23	18° 6	24° 8	1°48	22°39	26°11	11°22	13°50	24°44	23°14	14°22	n.a.	S 30
S 31	2 18 5	3♏31'24	1♉19	13♎18	19♐14	24♍47	1♈42	22°D39	26♑13	11♉23	13♊50	24♓39	23♓11	14♏28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s18	24s43	4s43	12s33	2s59	18s 5	1s49	10n47	1n12	0n37	1s42	16s 0	2s16	14n 4	0n44	23s 9	0n 8	20n45	2s 3	1s51	2s 6	18s53		n.a.
S 2	1 42	27 22	5 6	12 36	2 57	18 30	1 52	10 33	1 12	0 34	1 42	16 1	2 16	14 3	0 44	23 9	0 7	20 45	2 3	1 51	2 7	18 56		n.a.
S 3	2 6	28 47	5 16	12 36	2 52	18 53	1 55	10 18	1 12	0 30	1 42	16 2	2 15	14 2	0 44	23 9	0 7	20 45	2 3	1 52	2 9	18 59		n.a.
M 4	2 30	28 51	5 13	12 32	2 47	19 16	1 58	10 4	1 12	0 27	1 42	16 3	2 15	14 1	0 44	23 9	0 7	20 45	2 3	1 52	2 10	19 1		n.a.
T 5	2 54	27 27	4 54	12 22	2 40	19 39	2 0	9 49	1 12	0 24	1 42	16 4	2 15	14 0	0 44	23 9	0 7	20 45	2 3	1 52	2 11	19 4		n.a.
W 6	3 18	24 36	4 20	12 8	2 32	20 1	2 3	9 34	1 12	0 21	1 42	16 4	2 15	13 59	0 44	23 9	0 7	20 45	2 3	1 51	2 12	19 7		n.a.
T 7	3 42	20 23	3 32	11 49	2 21	20 23	2 6	9 19	1 12	0 18	1 42	16 5	2 15	13 58	0 44	23 8	0 7	20 45	2 3	1 51	2 14	19 9		n.a.
F 8	4 6	14 59	2 30	11 24	2 9	20 44	2 9	9 4	1 12	0 14	1 42	16 6	2 15	13 57	0 44	23 8	0 7	20 45	2 3	1 50	2 15	19 12		n.a.
S 9	4 30	8 38	1 18	10 54	1 56	21 5	2 11	8 49	1 11	0 11	1 41	16 6	2 15	13 56	0 44	23 8	0 7	20 44	2 3	1 50	2 16	19 15		n.a.
S 10	4 54	1 40	0n 2	10 19	1 40	21 25	2 14	8 34	1 11	0 8	1 41	16 7	2 15	13 55	0 44	23 8	0 7	20 44	2 3	1 50	2 17	19 17		n.a.
M11	5 18	5n33	1 23	9 39	1 23	21 45	2 16	8 19	1 11	0 5	1 41	16 8	2 14	13 54	0 44	23 8	0 7	20 44	2 3	1 50	2 19	19 20		n.a.
T 12	5 42	12 33	2 40	8 54	1 5	22 4	2 19	8 4	1 11	0 2	1 41	16 8	2 14	13 53	0 44	23 8	0 7	20 44	2 3	1 51	2 20	19 23		n.a.
W13	6 5	18 50	3 45	8 7	0 45	22 22	2 21	7 49	1 11	0s 1	1 41	16 9	2 14	13 52	0 44	23 8	0 7	20 44	2 3	1 52	2 21	19 25		n.a.
T 14	6 29	23 55	4 34	7 17	0 24	22 40	2 23	7 34	1 11	0 4	1 41	16 9	2 14	13 52	0 44	23 8	0 7	20 44	2 3	1 53	2 23	19 28		n.a.
F 15	6 53	27 21	5 5	6 27	0 4	22 57	2 26	7 19	1 11	0 7	1 41	16 10	2 14	13 51	0 44	23 8	0 7	20 44	2 3	1 54	2 24	19 31		n.a.
S 16	7 16	28 53	5 15	5 37	0n17	23 14	2 28	7 3	1 11	0 10	1 40	16 10	2 14	13 50	0 44	23 8	0 7	20 44	2 3	1 55	2 25	19 33		n.a.
S 17	7 39	28 30	5 6	4 50	0 37	23 30	2 30	6 48	1 11	0 13	1 40	16 10	2 14	13 49	0 44	23 8	0 7	20 44	2 3	1 55	2 26	19 36		n.a.
M18	8 2	26 22	4 39	4 6	0 56	23 45	2 32	6 33	1 11	0 16	1 40	16 11	2 13	13 48	0 45	23 8	0 7	20 44	2 3	1 56	2 28	19 39		n.a.
T 19	8 26	22 51	3 59	3 27	1 13	24 0	2 34	6 17	1 11	0 18	1 40	16 11	2 13	13 47	0 45	23 8	0 7	20 44	2 3	1 55	2 29	19 41		n.a.
W20	8 48	18 19	3 7	2 54	1 29	24 14	2 35	6 2	1 10	0 21	1 40	16 11	2 13	13 46	0 45	23 8	0 7	20 44	2 3	1 55	2 30	19 44		n.a.
T 21	9 11	13 4	2 7	2 26	1 42	24 28	2 37	5 46	1 10	0 24	1 40	16 12	2 13	13 46	0 45	23 8	0 7	20 44	2 2	1 54	2 31	19 47		n.a.
F 22	9 34	7 24	1 3	2 6	1 54	24 41	2 39	5 31	1 10	0 27	1 39	16 12	2 13	13 45	0 45	23 8	0 7	20 44	2 2	1 53	2 33	19 49		n.a.
S 23	9 57	1 34	0s 4	1 51	2 4	24 53	2 40	5 15	1 10	0 29	1 39	16 12	2 13	13 44	0 45	23 8	0 7	20 44	2 2	1 53	2 34	19 52		n.a.
S 24	10 19	4s16	1 9	1 43	2 12	25 4	2 42	4 59	1 10	0 32	1 39	16 12	2 12	13 43	0 45	23 8	0 7	20 44	2 2	1 54	2 35	19 54		n.a.
M25	10 41	9 55	2 11	1 41	2 19	25 15	2 43	4 44	1 10	0 34	1 39	16 12	2 12	13 43	0 45	23 8	0 7	20 44	2 2	1 55	2 37	19 57		n.a.
T 26	11 3	15 10	3 6	1 44	2 23	25 25	2 44	4 28	1 10	0 37	1 38	16 12	2 12	13 42	0 45	23 8	0 7	20 43	2 2	1 56	2 38	20 0		n.a.
W27	11 25	19 50	3 53	1 52	2 26	25 35	2 45	4 12	1 10	0 39	1 38	16 12	2 12	13 41	0 45	23 8	0 7	20 43	2 2	1 59	2 39	20 2		n.a.
T 28	11 47	23 45	4 30	2 4	2 28	25 44	2 46	3 56	1 9	0 41	1 38	16 12	2 12	13 40	0 45	23 8	0 7	20 43	2 2	2 1	2 40	20 5		n.a.
F 29	12 8	26 40	4 56	2 21	2 29	25 52	2 47	3 41	1 9	0 44	1 38	16 12	2 12	13 40	0 45	23 8	0 7	20 43	2 2	2 4	2 42	20 7		n.a.
S 30	12 30	28 25	5 9	2 41	2 28	25 59	2 48	3 25	1 9	0 46	1 38	16 12	2 11	13 39	0 45	23 7	0 7	20 43	2 2	2 7	2 43	20 10		n.a.
S 31	12s51	28s52	5s 8	3s 4	2n26	26s 6	2s49	3n 9	1n 9	0s48	1s37	16s12	2s11	13n38	0n45	23s 7	0n 7	20n43	2s 2	2s 9	2s44	20s12		n.a.

Julian Day Number = 1611025.5, Delta T = 03h53m16s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'40, Lahiri = - 8°07'39 Julian Calendar 1 Oct. 303 BCE == Greg. Calendar 26 Sept. 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

NOVEMBER 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 22 2	4♏32'24	13♑31	14♎19	20♐22	25♍26	1°R36	22♒39	26♎15	11♑24	13°R49	24°R34	23♓ 8	14♏35	n.a.	M 1
T 2	2 25 58	5°33'25	25°56	15°23	21°30	26° 5	1♈31	22°39	26°16	11°25	13♊48	24♓32	23° 5	14°42	n.a.	T 2
W 3	2 29 55	6°34'27	8♒40	16°32	22°37	26°45	1°26	22°40	26°18	11°26	13°47	24°D32	23° 2	14°48	n.a.	W 3
T 4	2 33 52	7°35'30	21°45	17°43	23°44	27°24	1°20	22°40	26°20	11°28	13°46	24°32	22°59	14°55	n.a.	T 4
F 5	2 37 48	8°36'33	5♓16	18°58	24°51	28° 3	1°15	22°40	26°22	11°29	13°45	24°34	22°55	15° 2	n.a.	F 5
S 6	2 41 45	9°37'36	19°14	20°15	25°58	28°42	1°11	22°41	26°24	11°30	13°44	24°R35	22°52	15° 8	n.a.	S 6
S 7	2 45 41	10°38'41	3♈40	21°34	27° 5	29°21	1° 6	22°42	26°25	11°31	13°43	24°35	22°49	15°15	n.a.	S 7
M 8	2 49 38	11°39'46	18°32	22°55	28°11	0♎ 0	1° 1	22°43	26°27	11°33	13°42	24°32	22°46	15°22	n.a.	M 8
T 9	2 53 34	12°40'52	3♉42	24°17	29°17	0°40	0°57	22°43	26°28	11°34	13°41	24°28	22°43	15°28	n.a.	T 9
W10	2 57 31	13°41'58	19° 2	25°41	0♑23	1°19	0°53	22°44	26°30	11°36	13°40	24°21	22°39	15°35	n.a.	W10
T 11	3 1 27	14°43'06	4♊20	27° 5	1°29	1°58	0°49	22°46	26°31	11°37	13°39	24°14	22°36	15°42	n.a.	T 11
F 12	3 5 24	15°44'14	19°25	28°31	2°34	2°37	0°45	22°47	26°33	11°38	13°38	24° 5	22°33	15°49	n.a.	F 12
S 13	3 9 21	16°45'24	4♋ 9	29°58	3°39	3°17	0°42	22°48	26°34	11°40	13°36	23°58	22°30	15°55	n.a.	S 13
S 14	3 13 17	17°46'34	18°25	1♏25	4°44	3°56	0°38	22°50	26°35	11°41	13°35	23°52	22°27	16° 2	n.a.	S 14
M15	3 17 14	18°47'45	2♌11	2°53	5°49	4°35	0°35	22°51	26°37	11°43	13°34	23°49	22°24	16° 9	n.a.	M15
T 16	3 21 10	19°48'57	15°28	4°22	6°53	5°14	0°32	22°53	26°38	11°44	13°33	23°D47	22°20	16°15	n.a.	T 16
W17	3 25 7	20°50'09	28°20	5°51	7°57	5°54	0°29	22°55	26°39	11°46	13°32	23°47	22°17	16°22	n.a.	W17
T 18	3 29 3	21°51'23	10♍50	7°21	9° 1	6°33	0°27	22°57	26°40	11°48	13°31	23°48	22°14	16°29	n.a.	T 18
F 19	3 33 0	22°52'37	23° 4	8°51	10° 5	7°12	0°25	22°59	26°41	11°49	13°30	23°R49	22°11	16°35	n.a.	F 19
S 20	3 36 57	23°53'51	5♎ 5	10°21	11° 8	7°52	0°22	23° 1	26°42	11°51	13°28	23°48	22° 8	16°42	n.a.	S 20
S 21	3 40 53	24°55'06	17° 0	11°52	12°11	8°31	0°20	23° 3	26°43	11°53	13°27	23°45	22° 5	16°49	n.a.	S 21
M22	3 44 50	25°56'22	28°50	13°23	13°13	9°10	0°19	23° 5	26°44	11°54	13°26	23°39	22° 1	16°56	n.a.	M22
T 23	3 48 46	26°57'39	10♏39	14°54	14°15	9°50	0°17	23° 8	26°44	11°56	13°25	23°31	21°58	17° 2	n.a.	T 23
W24	3 52 43	27°58'55	22°29	16°25	15°17	10°29	0°16	23°10	26°45	11°58	13°24	23°20	21°55	17° 9	n.a.	W24
T 25	3 56 39	29° 0'12	4♐23	17°57	16°18	11° 8	0°15	23°13	26°46	11°59	13°22	23° 7	21°52	17°16	n.a.	T 25
F 26	4 0 36	0♑ 1'29	16°20	19°29	17°19	11°48	0°14	23°16	26°46	12° 1	13°21	22°53	21°49	17°22	n.a.	F 26
S 27	4 4 32	1° 2'46	28°22	21° 2	18°20	12°27	0°13	23°18	26°47	12° 3	13°20	22°40	21°45	17°29	n.a.	S 27
S 28	4 8 29	2° 4'04	10♑31	22°35	19°20	13° 7	0°13	23°21	26°48	12° 5	13°19	22°29	21°42	17°36	n.a.	S 28
M29	4 12 26	3° 5'21	22°49	24° 8	20°20	13°46	0°12	23°24	26°48	12° 7	13°18	22°19	21°39	17°42	n.a.	M29
T 30	4 16 22	4♑ 6'37	5♒18	25♏41	21♑19	14♎25	0°D12	23♒28	26♎48	12♑ 9	13♊16	22♓13	21♓36	17♏49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13s12	27s54	4s53	3s30	2n24	26s12	2s49	2n53	1n 9	0s50	1s37	16s12	2s11	13n38	0n45	23s 7	0n 7	20n43	2s 2	2s11	2s45	20s15		n.a.
T 2	13 32	25 33	4 25	3 58	2 21	26 17	2 50	2 37	1 9	0 52	1 37	16 11	2 11	13 37	0 45	23 7	0 7	20 43	2 2	2 12	2 47	20 18		n.a.
W 3	13 53	21 54	3 43	4 28	2 17	26 21	2 50	2 21	1 9	0 54	1 36	16 11	2 11	13 37	0 45	23 7	0 7	20 43	2 2	2 12	2 48	20 20		n.a.
T 4	14 13	17 5	2 48	5 0	2 13	26 25	2 50	2 5	1 8	0 56	1 36	16 11	2 10	13 36	0 45	23 7	0 7	20 43	2 2	2 12	2 49	20 23		n.a.
F 5	14 33	11 17	1 43	5 33	2 8	26 28	2 50	1 50	1 8	0 57	1 36	16 11	2 10	13 35	0 45	23 7	0 7	20 43	2 2	2 11	2 51	20 25		n.a.
S 6	14 52	4 45	0 29	6 7	2 3	26 30	2 50	1 34	1 8	0 59	1 36	16 10	2 10	13 35	0 45	23 7	0 7	20 43	2 2	2 11	2 52	20 28		n.a.
S 7	15 12	2n13	0n49	6 42	1 57	26 32	2 50	1 18	1 8	1 1	1 35	16 10	2 10	13 34	0 45	23 7	0 7	20 42	2 2	2 11	2 53	20 30		n.a.
M 8	15 31	9 17	2 6	7 18	1 51	26 33	2 50	1 2	1 8	1 2	1 35	16 9	2 10	13 34	0 45	23 7	0 7	20 42	2 2	2 12	2 54	20 33		n.a.
T 9	15 50	15 57	3 15	7 54	1 45	26 33	2 49	0 46	1 7	1 4	1 35	16 9	2 10	13 33	0 45	23 7	0 7	20 42	2 2	2 13	2 56	20 35		n.a.
W10	16 9	21 42	4 11	8 31	1 38	26 32	2 48	0 30	1 7	1 5	1 34	16 8	2 9	13 33	0 45	23 6	0 7	20 42	2 2	2 16	2 57	20 38		n.a.
T 11	16 27	25 59	4 48	9 8	1 32	26 31	2 48	0 14	1 7	1 6	1 34	16 8	2 9	13 32	0 45	23 6	0 7	20 42	2 2	2 19	2 58	20 40		n.a.
F 12	16 45	28 23	5 5	9 45	1 25	26 29	2 47	0s 2	1 7	1 8	1 34	16 7	2 9	13 32	0 46	23 6	0 7	20 42	2 2	2 23	2 59	20 43		n.a.
S 13	17 3	28 42	5 2	10 23	1 18	26 27	2 46	0 18	1 7	1 9	1 34	16 7	2 9	13 31	0 46	23 6	0 7	20 42	2 2	2 26	3 1	20 45		n.a.
S 14	17 20	27 3	4 39	11 0	1 11	26 23	2 45	0 34	1 6	1 10	1 33	16 6	2 9	13 31	0 46	23 6	0 7	20 42	2 2	2 28	3 2	20 48		n.a.
M15	17 38	23 49	4 1	11 37	1 4	26 19	2 43	0 50	1 6	1 11	1 33	16 5	2 9	13 31	0 46	23 6	0 7	20 42	2 2	2 29	3 3	20 50		n.a.
T 16	17 54	19 25	3 11	12 14	0 57	26 15	2 42	1 6	1 6	1 12	1 33	16 4	2 8	13 30	0 46	23 6	0 7	20 42	2 2	2 30	3 5	20 53		n.a.
W17	18 11	14 16	2 12	12 51	0 50	26 9	2 40	1 22	1 6	1 13	1 32	16 4	2 8	13 30	0 46	23 6	0 7	20 42	2 2	2 30	3 6	20 55		n.a.
T 18	18 27	8 39	1 9	13 28	0 43	26 3	2 38	1 38	1 6	1 13	1 32	16 3	2 8	13 30	0 46	23 6	0 7	20 41	2 2	2 29	3 7	20 58		n.a.
F 19	18 43	2 51	0 4	14 4	0 36	25 57	2 36	1 54	1 5	1 14	1 32	16 2	2 8	13 29	0 46	23 5	0 7	20 41	2 2	2 29	3 8	21 0		n.a.
S 20	18 59	2s58	1s 0	14 39	0 28	25 49	2 34	2 10	1 5	1 15	1 31	16 1	2 8	13 29	0 46	23 5	0 7	20 41	2 2	2 30	3 10	21 3		n.a.
S 21	19 14	8 36	2 1	15 15	0 21	25 41	2 32	2 26	1 5	1 15	1 31	16 0	2 7	13 29	0 46	23 5	0 7	20 41	2 2	2 31	3 11	21 5		n.a.
M22	19 29	13 55	2 55	15 49	0 14	25 33	2 29	2 42	1 5	1 15	1 31	15 59	2 7	13 29	0 46	23 5	0 7	20 41	2 1	2 33	3 12	21 8		n.a.
T 23	19 43	18 43	3 42	16 23	0 7	25 23	2 27	2 57	1 4	1 16	1 30	15 58	2 7	13 28	0 46	23 5	0 7	20 41	2 1	2 36	3 13	21 10		n.a.
W24	19 57	22 48	4 20	16 57	0 0	25 14	2 24	3 13	1 4	1 16	1 30	15 57	2 7	13 28	0 46	23 5	0 7	20 41	2 1	2 41	3 15	21 13		n.a.
T 25	20 11	25 57	4 46	17 30	0s 7	25 3	2 21	3 29	1 4	1 16	1 30	15 56	2 7	13 28	0 46	23 5	0 7	20 41	2 1	2 46	3 16	21 15		n.a.
F 26	20 24	27 59	4 59	18 2	0 13	24 52	2 18	3 45	1 3	1 16	1 29	15 55	2 7	13 28	0 46	23 4	0 7	20 41	2 1	2 51	3 17	21 18		n.a.
S 27	20 37	28 43	5 0	18 33	0 20	24 41	2 14	4 1	1 3	1 16	1 29	15 54	2 6	13 28	0 46	23 4	0 7	20 41	2 1	2 57	3 18	21 20		n.a.
S 28	20 50	28 5	4 47	19 4	0 27	24 29	2 11	4 16	1 3	1 16	1 29	15 53	2 6	13 27	0 46	23 4	0 7	20 40	2 1	3 1	3 20	21 22		n.a.
M29	21 2	26 3	4 20	19 34	0 33	24 16	2 7	4 32	1 3	1 16	1 28	15 52	2 6	13 27	0 46	23 4	0 7	20 40	2 1	3 5	3 21	21 25		n.a.
T 30	21s14	22s45	3s41	20s 3	0s39	24s 3	2s 3	4s48	1n 2	1s16	1s28	15s51	2s 6	13n27	0n46	23s 4	0n 7	20n40	2s 1	3s 8	3s22	21s27		n.a.

Julian Day Number = 1611056.5, Delta T = 03h53m15s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'35, Lahiri = - 8°07'35 Julian Calendar 1 Nov. 303 BCE == Greg. Calendar 27 Oct. 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 303 BCE
geocentric

DECEMBER 303 BCE (-302) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 20 19	5♐ 7'54	18♒ 0	27♏14	22♑18	15♎ 5	0♈12	23♒31	26♌49	12♑11	13°R15	22°R 9	21♓33	17♏56	n.a.	W 1
T 2	4 24 15	6° 9'10	1♓ 0	28°48	23°16	15°44	0°13	23°34	26°49	12°12	13♊14	22°D 8	21°30	18° 3	n.a.	T 2
F 3	4 28 12	7°10'26	14°21	0♐22	24°14	16°24	0°13	23°37	26°49	12°14	13°13	22°R 8	21°26	18° 9	n.a.	F 3
S 4	4 32 8	8°11'41	28° 6	1°57	25°11	17° 3	0°14	23°41	26°49	12°16	13°11	22♓ 8	21°23	18°16	n.a.	S 4
S 5	4 36 5	9°12'56	12♈16	3°32	26° 8	17°43	0°15	23°45	26°50	12°18	13°10	22° 7	21°20	18°23	n.a.	S 5
M 6	4 40 2	10°14'10	26°51	5° 7	27° 4	18°22	0°16	23°48	26°R50	12°20	13° 9	22° 3	21°17	18°29	n.a.	M 6
T 7	4 43 58	11°15'24	11♉47	6°43	27°59	19° 1	0°18	23°52	26°50	12°22	13° 8	21°57	21°14	18°36	n.a.	T 7
W 8	4 47 55	12°16'37	26°58	8°19	28°54	19°41	0°19	23°56	26°49	12°24	13° 6	21°47	21°11	18°43	n.a.	W 8
T 9	4 51 51	13°17'50	12♊14	9°55	29°48	20°20	0°21	24° 0	26°49	12°26	13° 5	21°36	21° 7	18°49	n.a.	T 9
F 10	4 55 48	14°19'03	27°23	11°32	0♒42	21° 0	0°23	24° 4	26°49	12°28	13° 4	21°24	21° 4	18°56	n.a.	F 10
S 11	4 59 44	15°20'15	12♋14	13° 9	1°34	21°39	0°25	24° 8	26°49	12°30	13° 2	21°13	21° 1	19° 3	n.a.	S 11
S 12	5 3 41	16°21'27	26°40	14°47	2°26	22°19	0°28	24°12	26°49	12°33	13° 1	21° 4	20°58	19°10	n.a.	S 12
M13	5 7 37	17°22'39	10♌37	16°25	3°18	22°58	0°30	24°17	26°48	12°35	13° 0	20°57	20°55	19°16	n.a.	M13
T 14	5 11 34	18°23'50	24° 3	18° 4	4° 8	23°38	0°33	24°21	26°48	12°37	12°59	20°54	20°51	19°23	n.a.	T 14
W15	5 15 31	19°25'01	7♍ 1	19°43	4°58	24°17	0°36	24°26	26°47	12°39	12°57	20°52	20°48	19°30	n.a.	W15
T 16	5 19 27	20°26'12	19°35	21°23	5°47	24°57	0°39	24°30	26°47	12°41	12°56	20°52	20°45	19°36	n.a.	T 16
F 17	5 23 24	21°27'22	1♎49	23° 3	6°34	25°36	0°43	24°35	26°46	12°43	12°55	20°51	20°42	19°43	n.a.	F 17
S 18	5 27 20	22°28'32	13°50	24°44	7°21	26°16	0°46	24°40	26°46	12°45	12°54	20°50	20°39	19°50	n.a.	S 18
S 19	5 31 17	23°29'41	25°42	26°25	8° 7	26°56	0°50	24°44	26°45	12°47	12°52	20°47	20°36	19°57	n.a.	S 19
M20	5 35 13	24°30'50	7♏31	28° 7	8°52	27°35	0°54	24°49	26°44	12°50	12°51	20°41	20°32	20° 3	n.a.	M20
T 21	5 39 10	25°31'58	19°19	29°49	9°36	28°15	0°58	24°54	26°44	12°52	12°50	20°31	20°29	20°10	n.a.	T 21
W22	5 43 6	26°33'06	1♐12	1♑32	10°19	28°54	1° 2	24°59	26°43	12°54	12°49	20°19	20°26	20°17	n.a.	W22
T 23	5 47 3	27°34'12	13°10	3°15	11° 1	29°34	1° 7	25° 5	26°42	12°56	12°48	20° 5	20°23	20°23	n.a.	T 23
F 24	5 51 0	28°35'18	25°16	4°59	11°42	0♏13	1°12	25°10	26°41	12°58	12°46	19°51	20°20	20°30	n.a.	F 24
S 25	5 54 56	29°36'24	7♑29	6°43	12°21	0°53	1°16	25°15	26°40	13° 1	12°45	19°36	20°17	20°37	n.a.	S 25
S 26	5 58 53	0♑37'28	19°52	8°27	12°59	1°32	1°22	25°20	26°39	13° 3	12°44	19°23	20°13	20°43	n.a.	S 26
M27	6 2 49	1°38'30	2♒23	10°11	13°36	2°12	1°27	25°26	26°38	13° 5	12°43	19°13	20°10	20°50	n.a.	M27
T 28	6 6 46	2°39'32	15° 5	11°56	14°11	2°52	1°32	25°31	26°37	13° 7	12°42	19° 5	20° 7	20°57	n.a.	T 28
W29	6 10 42	3°40'32	27°58	13°41	14°45	3°31	1°38	25°37	26°36	13°10	12°40	19° 1	20° 4	21° 4	n.a.	W29
T 30	6 14 39	4°41'31	11♓ 4	15°26	15°18	4°11	1°44	25°43	26°34	13°12	12°39	18°59	20° 1	21°10	n.a.	T 30
F 31	6 18 36	5♑42'29	24♓26	17♑10	15♒49	4♏50	1♈50	25♒48	26♌33	13♑14	12♊38	18°D59	19♓57	21♏17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21 s25	18 s19	2 s50	20 s31	0 s45	23 s49	1 s59	5 s 4	1n 2	1 s15	1 s28	15 s49	2 s 6	13n27	0n46	23 s 4	0n 7	20n40	2 s 1	3 s 9	3 s24	21 s30			n.a.
T 2	21 36	12 57	1 49	20 59	0 52	23 35	1 55	5 19	1 2	1 15	1 27	15 48	2 6	13 27	0 46	23 3	0 7	20 40	2 1	3 9	3 25	21 32			n.a.
F 3	21 47	6 52	0 41	21 25	0 57	23 20	1 50	5 35	1 1	1 14	1 27	15 47	2 5	13 27	0 46	23 3	0 7	20 40	2 1	3 9	3 26	21 34			n.a.
S 4	21 57	0 17	0n31	21 50	1 3	23 5	1 45	5 50	1 1	1 14	1 27	15 45	2 5	13 27	0 46	23 3	0 7	20 40	2 1	3 9	3 27	21 37			n.a.
S 5	22 6	6n30	1 44	22 14	1 9	22 50	1 41	6 6	1 1	1 13	1 26	15 44	2 5	13 27	0 47	23 3	0 6	20 40	2 1	3 10	3 29	21 39			n.a.
M 6	22 16	13 9	2 52	22 38	1 14	22 34	1 35	6 21	1 0	1 12	1 26	15 43	2 5	13 27	0 47	23 3	0 6	20 40	2 1	3 11	3 30	21 42			n.a.
T 7	22 24	19 12	3 50	23 0	1 19	22 17	1 30	6 37	1 0	1 11	1 26	15 41	2 5	13 27	0 47	23 3	0 6	20 40	2 1	3 14	3 31	21 44			n.a.
W 8	22 33	24 8	4 33	23 21	1 24	22 1	1 25	6 52	1 0	1 10	1 25	15 40	2 5	13 27	0 47	23 2	0 6	20 39	2 1	3 18	3 32	21 46			n.a.
T 9	22 41	27 26	4 56	23 40	1 29	21 44	1 19	7 8	0 59	1 9	1 25	15 38	2 4	13 27	0 47	23 2	0 6	20 39	2 1	3 22	3 34	21 49			n.a.
F 10	22 48	28 41	4 59	23 59	1 33	21 26	1 13	7 23	0 59	1 8	1 25	15 37	2 4	13 27	0 47	23 2	0 6	20 39	2 0	3 27	3 35	21 51			n.a.
S 11	22 55	27 49	4 40	24 16	1 37	21 8	1 7	7 38	0 59	1 7	1 24	15 35	2 4	13 27	0 47	23 2	0 6	20 39	2 0	3 31	3 36	21 53			n.a.
S 12	23 2	25 5	4 5	24 32	1 41	20 50	1 0	7 54	0 58	1 6	1 24	15 34	2 4	13 28	0 47	23 2	0 6	20 39	2 0	3 35	3 37	21 56			n.a.
M13	23 8	20 55	3 15	24 46	1 45	20 32	0 54	8 9	0 58	1 4	1 24	15 32	2 4	13 28	0 47	23 2	0 6	20 39	2 0	3 38	3 39	21 58			n.a.
T 14	23 13	15 49	2 17	24 59	1 48	20 13	0 47	8 24	0 57	1 3	1 23	15 30	2 4	13 28	0 47	23 1	0 6	20 39	2 0	3 39	3 40	22 0			n.a.
W15	23 18	10 10	1 13	25 11	1 51	19 54	0 40	8 39	0 57	1 1	1 23	15 29	2 4	13 28	0 47	23 1	0 6	20 39	2 0	3 40	3 41	22 3			n.a.
T 16	23 23	4 17	0 7	25 21	1 54	19 35	0 33	8 54	0 57	1 0	1 23	15 27	2 3	13 28	0 47	23 1	0 6	20 39	2 0	3 40	3 43	22 5			n.a.
F 17	23 27	1 s37	0 s58	25 29	1 56	19 16	0 25	9 9	0 56	0 58	1 22	15 25	2 3	13 29	0 47	23 1	0 6	20 39	2 0	3 40	3 44	22 7			n.a.
S 18	23 31	7 20	1 58	25 36	1 58	18 57	0 18	9 24	0 56	0 56	1 22	15 24	2 3	13 29	0 47	23 1	0 6	20 38	2 0	3 40	3 45	22 10			n.a.
S 19	23 34	12 44	2 53	25 41	2 0	18 37	0 10	9 39	0 55	0 55	1 22	15 22	2 3	13 29	0 47	23 0	0 6	20 38	2 0	3 42	3 46	22 12			n.a.
M20	23 37	17 38	3 40	25 45	2 1	18 17	0 1	9 53	0 55	0 53	1 21	15 20	2 3	13 29	0 47	23 0	0 6	20 38	2 0	3 44	3 48	22 14			n.a.
T 21	23 39	21 53	4 17	25 46	2 2	17 57	0n 7	10 8	0 54	0 51	1 21	15 18	2 3	13 30	0 47	23 0	0 6	20 38	2 0	3 48	3 49	22 17			n.a.
W22	23 41	25 16	4 43	25 46	2 3	17 37	0 16	10 23	0 54	0 49	1 21	15 16	2 3	13 30	0 47	23 0	0 6	20 38	2 0	3 53	3 50	22 19			n.a.
T 23	23 43	27 34	4 57	25 44	2 3	17 17	0 25	10 37	0 54	0 47	1 20	15 14	2 2	13 30	0 47	23 0	0 6	20 38	2 0	3 58	3 51	22 21			n.a.
F 24	23 44	28 37	4 58	25 41	2 2	16 57	0 34	10 52	0 53	0 44	1 20	15 13	2 2	13 31	0 47	22 59	0 6	20 38	2 0	4 4	3 53	22 23			n.a.
S 25	23 44	28 16	4 45	25 35	2 1	16 37	0 43	11 6	0 53	0 42	1 20	15 11	2 2	13 31	0 47	22 59	0 6	20 38	1 59	4 10	3 54	22 26			n.a.
S 26	23 44	26 31	4 19	25 27	2 0	16 17	0 53	11 20	0 52	0 40	1 19	15 9	2 2	13 32	0 47	22 59	0 6	20 38	1 59	4 15	3 55	22 28			n.a.
M27	23 43	23 26	3 40	25 18	1 58	15 57	1 3	11 35	0 52	0 37	1 19	15 7	2 2	13 32	0 47	22 59	0 6	20 38	1 59	4 19	3 56	22 30			n.a.
T 28	23 42	19 12	2 49	25 6	1 55	15 37	1 13	11 49	0 51	0 35	1 19	15 5	2 2	13 32	0 48	22 59	0 6	20 38	1 59	4 22	3 58	22 33			n.a.
W29	23 41	14 1	1 49	24 53	1 52	15 17	1 23	12 3	0 51	0 32	1 18	15 3	2 2	13 33	0 48	22 58	0 6	20 38	1 59	4 24	3 59	22 35			n.a.
T 30	23 39	8 9	0 42	24 37	1 48	14 57	1 34	12 17	0 50	0 30	1 18	15 1	2 2	13 33	0 48	22 58	0 6	20 38	1 59	4 25	4 0	22 37			n.a.
F 31	23 s37	1 s48	0n29	24 s20	1 s44	14 s37	1n45	12 s31	0n50	0 s27	1 s18	14 s59	2 s 1	13n34	0n48	22 s58	0n 6	20n37	1 s59	4 s25	4 s 1	22 s39			n.a.

Julian Day Number = 1611086.5, Delta T = 03h53m14s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'31, Lahiri = - 8°07'31 Julian Calendar 1 Dec. 303 BCE == Greg. Calendar 26 Nov. 303 BCE

The year -302 astronomical counting style corresponds to year 303 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

JANUARY 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 22 32	6♉43'25	8♈ 4	18♉54	16♒18	5♏30	1♈56	25♒54	26°R32	13♉16	12°R37	18°R59	19♓54	21♏24	n.a.	S 1
S 2	6 26 29	7°44'19	22° 2	20°38	16°46	6°10	2° 2	26° 0	26♌30	13°19	12♊36	18♓59	19°51	21°30	n.a.	S 2
M 3	6 30 25	8°45'12	6♉19	22°20	17°12	6°49	2° 8	26° 6	26°29	13°21	12°35	18°56	19°48	21°37	n.a.	M 3
T 4	6 34 22	9°46'03	20°53	24° 1	17°36	7°29	2°15	26°12	26°27	13°23	12°34	18°50	19°45	21°44	n.a.	T 4
W 5	6 38 18	10°46'53	5♊41	25°41	17°58	8° 8	2°22	26°18	26°26	13°26	12°32	18°42	19°42	21°51	n.a.	W 5
T 6	6 42 15	11°47'42	20°35	27°19	18°18	8°48	2°29	26°24	26°24	13°28	12°31	18°33	19°38	21°57	n.a.	T 6
F 7	6 46 11	12°48'28	5♋27	28°54	18°37	9°27	2°36	26°30	26°23	13°30	12°30	18°22	19°35	22° 4	n.a.	F 7
S 8	6 50 8	13°49'14	20° 7	0♒26	18°53	10° 7	2°43	26°36	26°21	13°32	12°29	18°12	19°32	22°11	n.a.	S 8
S 9	6 54 5	14°49'58	4♌29	1°55	19° 7	10°47	2°50	26°42	26°19	13°35	12°28	18° 3	19°29	22°17	n.a.	S 9
M10	6 58 1	15°50'40	18°26	3°19	19°19	11°26	2°58	26°49	26°18	13°37	12°27	17°57	19°26	22°24	n.a.	M10
T 11	7 1 58	16°51'21	1♍55	4°39	19°28	12° 6	3° 6	26°55	26°16	13°39	12°26	17°54	19°23	22°31	n.a.	T 11
W12	7 5 54	17°52'01	14°59	5°53	19°36	12°45	3°14	27° 2	26°14	13°42	12°25	17°D52	19°19	22°38	n.a.	W12
T 13	7 9 51	18°52'39	27°38	7° 1	19°40	13°25	3°22	27° 8	26°12	13°44	12°24	17°53	19°16	22°44	n.a.	T 13
F 14	7 13 47	19°53'17	9♎57	8° 2	19°43	14° 5	3°30	27°15	26°10	13°46	12°23	17°54	19°13	22°51	n.a.	F 14
S 15	7 17 44	20°53'52	22° 1	8°55	19°R43	14°44	3°38	27°21	26° 8	13°48	12°22	17°R54	19°10	22°58	n.a.	S 15
S 16	7 21 40	21°54'27	3♏56	9°40	19°41	15°24	3°46	27°28	26° 6	13°51	12°21	17°53	19° 7	23° 4	n.a.	S 16
M17	7 25 37	22°55'00	15°46	10°15	19°36	16° 3	3°55	27°34	26° 4	13°53	12°20	17°50	19° 3	23°11	n.a.	M17
T 18	7 29 34	23°55'31	27°37	10°42	19°28	16°43	4° 4	27°41	26° 2	13°55	12°19	17°45	19° 0	23°18	n.a.	T 18
W19	7 33 30	24°56'02	9♐32	10°58	19°19	17°22	4°13	27°48	26° 0	13°57	12°19	17°37	18°57	23°24	n.a.	W19
T 20	7 37 27	25°56'30	21°35	11°R 5	19° 6	18° 2	4°21	27°55	25°58	14° 0	12°18	17°28	18°54	23°31	n.a.	T 20
F 21	7 41 23	26°56'57	3♑49	11° 1	18°51	18°42	4°31	28° 2	25°56	14° 2	12°17	17°18	18°51	23°38	n.a.	F 21
S 22	7 45 20	27°57'23	16°14	10°47	18°34	19°21	4°40	28° 8	25°54	14° 4	12°16	17° 9	18°48	23°45	n.a.	S 22
S 23	7 49 16	28°57'46	28°52	10°23	18°14	20° 1	4°49	28°15	25°51	14° 6	12°15	17° 0	18°44	23°51	n.a.	S 23
M24	7 53 13	29°58'08	11♒42	9°51	17°52	20°40	4°59	28°22	25°49	14° 8	12°14	16°53	18°41	23°58	n.a.	M24
T 25	7 57 10	0♒58'28	24°45	9°10	17°28	21°20	5° 8	28°29	25°47	14°11	12°14	16°48	18°38	24° 5	n.a.	T 25
W26	8 1 6	1°58'46	7♓59	8°21	17° 1	21°59	5°18	28°36	25°45	14°13	12°13	16°46	18°35	24°11	n.a.	W26
T 27	8 5 3	2°59'02	21°24	7°27	16°33	22°39	5°28	28°43	25°42	14°15	12°12	16°D46	18°32	24°18	n.a.	T 27
F 28	8 8 59	3°59'15	4♈59	6°29	16° 2	23°18	5°38	28°51	25°40	14°17	12°11	16°47	18°29	24°25	n.a.	F 28
S 29	8 12 56	4°59'27	18°46	5°27	15°30	23°58	5°48	28°58	25°38	14°19	12°11	16°48	18°25	24°32	n.a.	S 29
S 30	8 16 52	5°59'36	2♉44	4°24	14°56	24°37	5°58	29° 5	25°35	14°22	12°10	16°R49	18°22	24°38	n.a.	S 30
M31	8 20 49	6♒59'43	16♉53	3♒21	14♒21	25♏17	6♈ 8	29♒12	25♌33	14♉24	12♊ 9	16♓49	18♓19	24♏45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s34	4n45	1n39	24s 0	1s38	14s18	1n56	12s45	0n49	0s24	1s17	14s56	2s 1	13n34	0n48	22s58	0n 6	20n37	1s59	4s25	4s 3	22s41		n.a.
S 2	23 30	11 14	2 46	23 39	1 32	13 59	2 8	12 59	0 49	0 22	1 17	14 54	2 1	13 35	0 48	22 57	0 6	20 37	1 59	4 25	4 4	22 44		n.a.
M 3	23 26	17 18	3 43	23 16	1 26	13 40	2 19	13 12	0 48	0 19	1 17	14 52	2 1	13 35	0 48	22 57	0 6	20 37	1 59	4 26	4 5	22 46		n.a.
T 4	23 22	22 29	4 27	22 51	1 18	13 21	2 31	13 26	0 47	0 16	1 16	14 50	2 1	13 36	0 48	22 57	0 6	20 37	1 59	4 28	4 7	22 48		n.a.
W 5	23 17	26 21	4 55	22 24	1 10	13 3	2 43	13 39	0 47	0 13	1 16	14 48	2 1	13 36	0 48	22 57	0 6	20 37	1 59	4 31	4 8	22 50		n.a.
T 6	23 12	28 25	5 2	21 57	1 0	12 45	2 56	13 53	0 46	0 10	1 16	14 46	2 1	13 37	0 48	22 57	0 6	20 37	1 58	4 35	4 9	22 53		n.a.
F 7	23 7	28 26	4 49	21 27	0 50	12 27	3 8	14 6	0 46	0 7	1 16	14 43	2 1	13 38	0 48	22 56	0 6	20 37	1 58	4 39	4 10	22 55		n.a.
S 8	23 0	26 26	4 17	20 57	0 40	12 10	3 21	14 19	0 45	0 3	1 15	14 41	2 1	13 38	0 48	22 56	0 6	20 37	1 58	4 43	4 12	22 57		n.a.
S 9	22 54	22 46	3 29	20 26	0 28	11 54	3 34	14 32	0 44	0 0	1 15	14 39	2 1	13 39	0 48	22 56	0 6	20 37	1 58	4 47	4 13	22 59		n.a.
M10	22 47	17 52	2 30	19 54	0 15	11 37	3 47	14 45	0 44	0n 3	1 15	14 37	2 0	13 39	0 48	22 56	0 6	20 37	1 58	4 49	4 14	23 1		n.a.
T 11	22 39	12 14	1 24	19 22	0 2	11 22	4 0	14 58	0 43	0 7	1 14	14 34	2 0	13 40	0 48	22 55	0 6	20 37	1 58	4 51	4 15	23 3		n.a.
W12	22 31	6 14	0 15	18 50	0n12	11 7	4 13	15 11	0 43	0 10	1 14	14 32	2 0	13 41	0 48	22 55	0 6	20 37	1 58	4 51	4 17	23 6		n.a.
T 13	22 23	0 10	0s52	18 19	0 27	10 53	4 27	15 24	0 42	0 13	1 14	14 30	2 0	13 41	0 48	22 55	0 6	20 37	1 58	4 51	4 18	23 8		n.a.
F 14	22 14	5s45	1 55	17 48	0 42	10 39	4 40	15 36	0 41	0 17	1 14	14 27	2 0	13 42	0 48	22 55	0 6	20 37	1 58	4 51	4 19	23 10		n.a.
S 15	22 5	11 20	2 52	17 19	0 58	10 26	4 54	15 49	0 41	0 21	1 13	14 25	2 0	13 43	0 48	22 55	0 6	20 37	1 58	4 50	4 20	23 12		n.a.
S 16	21 56	16 26	3 41	16 51	1 14	10 14	5 7	16 1	0 40	0 24	1 13	14 23	2 0	13 44	0 48	22 54	0 6	20 37	1 58	4 51	4 22	23 14		n.a.
M17	21 46	20 54	4 20	16 26	1 31	10 3	5 21	16 13	0 39	0 28	1 13	14 20	2 0	13 44	0 48	22 54	0 6	20 37	1 58	4 52	4 23	23 16		n.a.
T 18	21 35	24 32	4 47	16 3	1 48	9 52	5 34	16 25	0 39	0 32	1 13	14 18	2 0	13 45	0 48	22 54	0 6	20 37	1 57	4 54	4 24	23 18		n.a.
W19	21 24	27 8	5 3	15 42	2 4	9 42	5 48	16 37	0 38	0 35	1 12	14 15	2 0	13 46	0 48	22 54	0 6	20 37	1 57	4 57	4 25	23 21		n.a.
T 20	21 13	28 32	5 5	15 25	2 20	9 34	6 1	16 49	0 37	0 39	1 12	14 13	2 0	13 46	0 48	22 53	0 6	20 37	1 57	5 1	4 27	23 23		n.a.
F 21	21 2	28 34	4 53	15 11	2 36	9 26	6 14	17 1	0 36	0 43	1 12	14 10	2 0	13 47	0 48	22 53	0 6	20 37	1 57	5 4	4 28	23 25		n.a.
S 22	20 50	27 10	4 28	15 1	2 51	9 19	6 27	17 13	0 36	0 47	1 11	14 8	2 0	13 48	0 48	22 53	0 6	20 37	1 57	5 8	4 29	23 27		n.a.
S 23	20 37	24 22	3 49	14 54	3 4	9 13	6 39	17 24	0 35	0 51	1 11	14 5	2 0	13 49	0 48	22 53	0 6	20 37	1 57	5 12	4 30	23 29		n.a.
M24	20 24	20 19	2 57	14 51	3 17	9 8	6 52	17 35	0 34	0 55	1 11	14 3	1 59	13 50	0 48	22 53	0 6	20 37	1 57	5 14	4 32	23 31		n.a.
T 25	20 11	15 15	1 56	14 51	3 27	9 4	7 3	17 47	0 33	0 59	1 11	14 0	1 59	13 50	0 48	22 52	0 6	20 37	1 57	5 16	4 33	23 33		n.a.
W26	19 58	9 25	0 47	14 55	3 36	9 1	7 15	17 58	0 33	1 3	1 10	13 58	1 59	13 51	0 48	22 52	0 6	20 37	1 57	5 17	4 34	23 35		n.a.
T 27	19 44	3 4	0n25	15 2	3 43	9 0	7 25	18 9	0 32	1 7	1 10	13 55	1 59	13 52	0 48	22 52	0 6	20 37	1 57	5 17	4 35	23 37		n.a.
F 28	19 30	3n29	1 37	15 12	3 48	8 59	7 35	18 20	0 31	1 12	1 10	13 53	1 59	13 53	0 48	22 52	0 6	20 37	1 56	5 17	4 37	23 39		n.a.
S 29	19 15	9 58	2 45	15 25	3 51	8 59	7 45	18 30	0 30	1 16	1 10	13 50	1 59	13 54	0 48	22 51	0 6	20 37	1 56	5 16	4 38	23 41		n.a.
S 30	19 0	16 3	3 43	15 39	3 51	9 0	7 53	18 41	0 29	1 20	1 10	13 48	1 59	13 54	0 49	22 51	0 6	20 37	1 56	5 16	4 39	23 43		n.a.
M31	18s45	21n22	4n29	15s55	3n50	9s 3	8n 1	18s51	0n29	1n24	1s 9	13s45	1s59	13n55	0n49	22s51	0n 6	20n37	1s56	5s16	4s41	23s46		n.a.

Julian Day Number = 1611117.5, Delta T = 03h53m13s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'27, Lahiri = - 8°07'27 Julian Calendar 1 Jan. 302 BCE == Greg. Calendar 27 Dec. 303 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

FEBRUARY 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 45	7♒59'48	1♊10	2°R19	13°R45	25♏56	6♈19	29♒19	25°R30	14♑26	12°R 9	16°R47	18♓16	24♏52	n.a.	T 1
W 2	8 28 42	8°59'50	15°34	1♒21	13♒ 8	26°36	6°29	29°26	25♌28	14°28	12♊ 8	16♓43	18°13	24°58	n.a.	W 2
T 3	8 32 39	9°59'50	29°59	0°26	12°31	27°15	6°40	29°34	25°25	14°30	12° 7	16°38	18° 9	25° 5	n.a.	T 3
F 4	8 36 35	10°59'49	14♋23	29♑36	11°53	27°55	6°51	29°41	25°23	14°32	12° 7	16°32	18° 6	25°12	n.a.	F 4
S 5	8 40 32	11°59'44	28°37	28°51	11°15	28°34	7° 1	29°48	25°21	14°34	12° 6	16°27	18° 3	25°19	n.a.	S 5
S 6	8 44 28	12°59'38	12♌38	28°13	10°37	29°13	7°12	29°56	25°18	14°36	12° 6	16°22	18° 0	25°25	n.a.	S 6
M 7	8 48 25	13°59'30	26°20	27°41	10° 0	29°53	7°23	0♓ 3	25°15	14°38	12° 5	16°19	17°57	25°32	n.a.	M 7
T 8	8 52 21	14°59'19	9♍42	27°15	9°23	0♗32	7°34	0°11	25°13	14°40	12° 5	16°17	17°54	25°39	n.a.	T 8
W 9	8 56 18	15°59'07	22°42	26°56	8°47	1°12	7°46	0°18	25°10	14°42	12° 4	16°D17	17°50	25°45	n.a.	W 9
T 10	9 0 14	16°58'53	5♎21	26°44	8°13	1°51	7°57	0°25	25° 8	14°44	12° 4	16°19	17°47	25°52	n.a.	T 10
F 11	9 4 11	17°58'36	17°43	26°D38	7°40	2°30	8° 8	0°33	25° 5	14°46	12° 3	16°20	17°44	25°59	n.a.	F 11
S 12	9 8 7	18°58'18	29°51	26°39	7° 8	3°10	8°20	0°40	25° 3	14°48	12° 3	16°22	17°41	26° 6	n.a.	S 12
S 13	9 12 4	19°57'59	11♏49	26°45	6°38	3°49	8°31	0°48	25° 0	14°50	12° 3	16°23	17°38	26°12	n.a.	S 13
M14	9 16 1	20°57'37	23°41	26°57	6°10	4°28	8°43	0°55	24°57	14°52	12° 2	16°R23	17°35	26°19	n.a.	M14
T 15	9 19 57	21°57'14	5♐34	27°14	5°44	5° 8	8°55	1° 3	24°55	14°54	12° 2	16°23	17°31	26°26	n.a.	T 15
W16	9 23 54	22°56'48	17°31	27°37	5°20	5°47	9° 6	1°10	24°52	14°56	12° 2	16°21	17°28	26°32	n.a.	W16
T 17	9 27 50	23°56'21	29°37	28° 4	4°59	6°26	9°18	1°18	24°50	14°58	12° 1	16°18	17°25	26°39	n.a.	T 17
F 18	9 31 47	24°55'52	11♑55	28°36	4°40	7° 5	9°30	1°25	24°47	15° 0	12° 1	16°15	17°22	26°46	n.a.	F 18
S 19	9 35 43	25°55'21	24°29	29°12	4°23	7°44	9°42	1°33	24°44	15° 2	12° 1	16°11	17°19	26°53	n.a.	S 19
S 20	9 39 40	26°54'48	7♒19	29°53	4° 9	8°24	9°54	1°41	24°42	15° 4	12° 1	16° 8	17°15	26°59	n.a.	S 20
M21	9 43 36	27°54'13	20°26	0♒36	3°57	9° 3	10° 7	1°48	24°39	15° 5	12° 1	16° 6	17°12	27° 6	n.a.	M21
T 22	9 47 33	28°53'36	3♓50	1°24	3°47	9°42	10°19	1°56	24°37	15° 7	12° 0	16° 5	17° 9	27°13	n.a.	T 22
W23	9 51 30	29°52'56	17°29	2°15	3°41	10°21	10°31	2° 3	24°34	15° 9	12° 0	16°D 4	17° 6	27°19	n.a.	W23
T 24	9 55 26	0♓52'14	1♈21	3° 9	3°36	11° 0	10°44	2°11	24°31	15°11	12° 0	16° 5	17° 3	27°26	n.a.	T 24
F 25	9 59 23	1°51'30	15°22	4° 6	3°D34	11°39	10°56	2°19	24°29	15°12	12° 0	16° 6	17° 0	27°33	n.a.	F 25
S 26	10 3 19	2°50'44	29°30	5° 5	3°34	12°18	11° 9	2°26	24°26	15°14	12° 0	16° 7	16°56	27°40	n.a.	S 26
S 27	10 7 16	3°49'55	13♉42	6° 8	3°37	12°57	11°21	2°34	24°24	15°16	12° 0	16° 8	16°53	27°46	n.a.	S 27
M28	10 11 12	4♓49'04	27♉56	7♒13	3♒42	13♗36	11♈34	2♓41	24♌21	15♑17	12°D 0	16♓ 8	16♓50	27♏53	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s30	25n31	4n59	16s13	3n46	9s 6	8n 8	19s 2	0n28	1n29	1s 9	13s42	1s59	13n56	0n49	22s51	0n 6	20n37	1s56	5s17	4s42	23s48		n.a.
W 2	18 14	28 5	5 10	16 31	3 40	9 11	8 14	19 12	0 27	1 33	1 9	13 40	1 59	13 57	0 49	22 51	0 6	20 37	1 56	5 18	4 43	23 50		n.a.
T 3	17 58	28 46	5 2	16 50	3 33	9 16	8 20	19 22	0 26	1 38	1 9	13 37	1 59	13 58	0 49	22 50	0 6	20 37	1 56	5 20	4 44	23 52		n.a.
F 4	17 41	27 30	4 35	17 10	3 24	9 22	8 24	19 32	0 25	1 42	1 8	13 35	1 59	13 59	0 49	22 50	0 6	20 37	1 56	5 23	4 46	23 54		n.a.
S 5	17 24	24 27	3 51	17 29	3 14	9 29	8 27	19 42	0 24	1 47	1 8	13 32	1 59	14 0	0 49	22 50	0 6	20 37	1 56	5 25	4 47	23 56		n.a.
S 6	17 7	19 59	2 53	17 47	3 3	9 36	8 30	19 51	0 23	1 51	1 8	13 29	1 59	14 0	0 49	22 50	0 6	20 37	1 56	5 27	4 48	23 58		n.a.
M 7	16 50	14 34	1 47	18 6	2 51	9 45	8 31	20 1	0 22	1 56	1 8	13 27	1 59	14 1	0 49	22 49	0 6	20 37	1 55	5 28	4 49	24 0		n.a.
T 8	16 32	8 35	0 36	18 23	2 38	9 54	8 32	20 10	0 21	2 1	1 8	13 24	1 59	14 2	0 49	22 49	0 6	20 37	1 55	5 28	4 51	24 2		n.a.
W 9	16 14	2 24	0s35	18 40	2 25	10 3	8 31	20 19	0 20	2 5	1 7	13 21	1 59	14 3	0 49	22 49	0 6	20 37	1 55	5 28	4 52	24 4		n.a.
T 10	15 56	3s43	1 43	18 55	2 11	10 13	8 30	20 28	0 19	2 10	1 7	13 19	1 59	14 4	0 49	22 49	0 6	20 37	1 55	5 28	4 53	24 6		n.a.
F 11	15 38	9 33	2 44	19 10	1 57	10 24	8 28	20 37	0 18	2 15	1 7	13 16	1 59	14 5	0 49	22 49	0 6	20 37	1 55	5 27	4 54	24 8		n.a.
S 12	15 19	14 55	3 36	19 23	1 44	10 35	8 25	20 46	0 17	2 19	1 7	13 13	1 59	14 6	0 49	22 48	0 6	20 37	1 55	5 27	4 56	24 10		n.a.
S 13	15 0	19 39	4 19	19 36	1 30	10 46	8 21	20 54	0 16	2 24	1 6	13 11	1 59	14 7	0 49	22 48	0 6	20 37	1 55	5 26	4 57	24 11		n.a.
M14	14 41	23 36	4 50	19 47	1 16	10 57	8 16	21 3	0 15	2 29	1 6	13 8	1 59	14 8	0 49	22 48	0 6	20 37	1 55	5 26	4 58	24 13		n.a.
T 15	14 22	26 33	5 8	19 57	1 3	11 8	8 11	21 11	0 14	2 34	1 6	13 5	1 59	14 8	0 49	22 48	0 6	20 37	1 55	5 26	4 59	24 15		n.a.
W16	14 2	28 21	5 14	20 5	0 49	11 20	8 4	21 19	0 13	2 39	1 6	13 2	1 59	14 9	0 49	22 48	0 6	20 37	1 55	5 27	5 1	24 17		n.a.
T 17	13 42	28 50	5 6	20 12	0 37	11 32	7 58	21 27	0 12	2 44	1 6	13 0	1 59	14 10	0 49	22 47	0 6	20 37	1 54	5 28	5 2	24 19		n.a.
F 18	13 22	27 54	4 43	20 18	0 24	11 43	7 50	21 35	0 11	2 49	1 6	12 57	1 59	14 11	0 49	22 47	0 6	20 37	1 54	5 30	5 3	24 21		n.a.
S 19	13 2	25 32	4 7	20 23	0 12	11 55	7 43	21 42	0 10	2 54	1 5	12 54	1 59	14 12	0 49	22 47	0 6	20 37	1 54	5 31	5 4	24 23		n.a.
S 20	12 42	21 51	3 18	20 26	0 0	12 6	7 34	21 50	0 9	2 58	1 5	12 52	1 59	14 13	0 49	22 47	0 6	20 37	1 54	5 32	5 6	24 25		n.a.
M21	12 21	17 1	2 17	20 27	0s11	12 17	7 26	21 57	0 8	3 4	1 5	12 49	1 59	14 14	0 49	22 47	0 6	20 38	1 54	5 33	5 7	24 27		n.a.
T 22	12 0	11 16	1 7	20 27	0 22	12 28	7 16	22 4	0 7	3 9	1 5	12 46	1 59	14 15	0 49	22 46	0 6	20 38	1 54	5 33	5 8	24 29		n.a.
W23	11 39	4 53	0n 8	20 26	0 33	12 39	7 7	22 11	0 5	3 14	1 5	12 43	1 59	14 16	0 49	22 46	0 6	20 38	1 54	5 34	5 9	24 31		n.a.
T 24	11 18	1n49	1 23	20 23	0 43	12 49	6 57	22 18	0 4	3 19	1 4	12 41	1 59	14 16	0 49	22 46	0 6	20 38	1 54	5 33	5 11	24 33		n.a.
F 25	10 57	8 30	2 35	20 19	0 53	13 0	6 47	22 25	0 3	3 24	1 4	12 38	1 59	14 17	0 49	22 46	0 6	20 38	1 54	5 33	5 12	24 34		n.a.
S 26	10 35	14 49	3 38	20 14	1 2	13 9	6 37	22 31	0 2	3 29	1 4	12 35	1 59	14 18	0 49	22 46	0 6	20 38	1 53	5 33	5 13	24 36		n.a.
S 27	10 13	20 23	4 27	20 6	1 10	13 19	6 27	22 37	0 1	3 34	1 4	12 32	1 59	14 19	0 49	22 45	0 6	20 38	1 53	5 32	5 14	24 38		n.a.
M28	9s52	24n49	5n 1	19s58	1s19	13s28	6n16	22s44	0s 1	3n39	1s 4	12s30	1s59	14n20	0n49	22s45	0n 5	20n38	1s53	5s32	5s16	24s40		n.a.

Julian Day Number = 1611148.5, Delta T = 03h53m12s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'23, Lahiri = - 8°07'22 Julian Calendar 1 Feb. 302 BCE == Greg. Calendar 27 Jan. 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

MARCH 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 15 9	5♓48'10	12♊ 8	8♒20	3♒49	14♐15	11♈47	2♓49	24°R19	15♉19	12♊ 0	16°R 8	16♓47	28♏ 0	n.a.	T 1
W 2	10 19 5	6°47'14	26°17	9°30	3°59	14°54	12° 0	2°56	24♌16	15°21	12° 0	16♓ 8	16°44	28° 6	n.a.	W 2
T 3	10 23 2	7°46'16	10♋20	10°42	4°10	15°33	12°12	3° 4	24°14	15°22	12° 0	16° 7	16°41	28°13	n.a.	T 3
F 4	10 26 59	8°45'15	24°16	11°56	4°24	16°11	12°25	3°12	24°11	15°24	12° 0	16° 6	16°37	28°20	n.a.	F 4
S 5	10 30 55	9°44'12	8♌ 1	13°12	4°39	16°50	12°38	3°19	24° 9	15°25	12° 0	16° 5	16°34	28°27	n.a.	S 5
S 6	10 34 52	10°43'06	21°34	14°30	4°57	17°29	12°51	3°27	24° 6	15°27	12° 0	16° 5	16°31	28°33	n.a.	S 6
M 7	10 38 48	11°41'58	4♍52	15°50	5°17	18° 8	13° 4	3°34	24° 4	15°28	12° 0	16° 4	16°28	28°40	n.a.	M 7
T 8	10 42 45	12°40'48	17°55	17°12	5°38	18°46	13°17	3°42	24° 1	15°30	12° 1	16°D 4	16°25	28°47	n.a.	T 8
W 9	10 46 41	13°39'36	0♎43	18°35	6° 1	19°25	13°31	3°49	23°59	15°31	12° 1	16° 4	16°21	28°53	n.a.	W 9
T 10	10 50 38	14°38'22	13°15	20° 0	6°26	20° 3	13°44	3°57	23°56	15°32	12° 1	16° 5	16°18	29° 0	n.a.	T 10
F 11	10 54 34	15°37'06	25°34	21°28	6°53	20°42	13°57	4° 4	23°54	15°34	12° 1	16°R 5	16°15	29° 7	n.a.	F 11
S 12	10 58 31	16°35'48	7♏41	22°56	7°21	21°21	14°10	4°12	23°52	15°35	12° 1	16° 5	16°12	29°14	n.a.	S 12
S 13	11 2 27	17°34'28	19°39	24°27	7°51	21°59	14°24	4°19	23°49	15°36	12° 2	16° 5	16° 9	29°20	n.a.	S 13
M14	11 6 24	18°33'07	1♐33	25°59	8°22	22°37	14°37	4°27	23°47	15°38	12° 2	16° 4	16° 6	29°27	n.a.	M14
T 15	11 10 21	19°31'44	13°26	27°33	8°54	23°16	14°51	4°34	23°45	15°39	12° 2	16° 4	16° 2	29°34	n.a.	T 15
W16	11 14 17	20°30'19	25°23	29° 9	9°28	23°54	15° 4	4°42	23°42	15°40	12° 3	16°D 4	15°59	29°40	n.a.	W16
T 17	11 18 14	21°28'52	7♑29	0♓46	10° 4	24°32	15°18	4°49	23°40	15°41	12° 3	16° 4	15°56	29°47	n.a.	T 17
F 18	11 22 10	22°27'23	19°48	2°25	10°40	25°11	15°31	4°56	23°38	15°43	12° 4	16° 5	15°53	29°54	n.a.	F 18
S 19	11 26 7	23°25'53	2♒23	4° 5	11°18	25°49	15°45	5° 4	23°36	15°44	12° 4	16° 6	15°50	0♐ 1	n.a.	S 19
S 20	11 30 3	24°24'21	15°19	5°47	11°57	26°27	15°58	5°11	23°34	15°45	12° 4	16° 6	15°46	0° 7	n.a.	S 20
M21	11 34 0	25°22'47	28°37	7°31	12°37	27° 5	16°12	5°18	23°32	15°46	12° 5	16° 7	15°43	0°14	n.a.	M21
T 22	11 37 56	26°21'11	12♓16	9°16	13°18	27°43	16°26	5°26	23°30	15°47	12° 5	16°R 7	15°40	0°21	n.a.	T 22
W23	11 41 53	27°19'33	26°17	11° 3	14° 0	28°21	16°39	5°33	23°28	15°48	12° 6	16° 7	15°37	0°28	n.a.	W23
T 24	11 45 50	28°17'54	10♈34	12°52	14°43	28°59	16°53	5°40	23°26	15°49	12° 6	16° 7	15°34	0°34	n.a.	T 24
F 25	11 49 46	29°16'12	25° 4	14°42	15°27	29°36	17° 7	5°47	23°24	15°50	12° 7	16° 5	15°31	0°41	n.a.	F 25
S 26	11 53 43	0♈14'29	9♉39	16°34	16°12	0♑14	17°21	5°54	23°22	15°51	12° 8	16° 4	15°27	0°48	n.a.	S 26
S 27	11 57 39	1°12'43	24°15	18°28	16°58	0°52	17°35	6° 2	23°20	15°52	12° 8	16° 2	15°24	0°54	n.a.	S 27
M28	12 1 36	2°10'56	8♊45	20°24	17°44	1°29	17°48	6° 9	23°18	15°53	12° 9	16° 0	15°21	1° 1	n.a.	M28
T 29	12 5 32	3° 9'06	23° 5	22°21	18°32	2° 7	18° 2	6°16	23°16	15°53	12°10	15°59	15°18	1° 8	n.a.	T 29
W30	12 9 29	4° 7'14	7♋12	24°19	19°20	2°44	18°16	6°23	23°14	15°54	12°10	15°D59	15°15	1°15	n.a.	W30
T 31	12 13 25	5♈ 5'20	21♋ 4	26♓20	20♒ 9	3♑21	18♈30	6♓30	23♌13	15♑55	12♊11	16♓ 0	15♓12	1♐21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9s30	27n44	5n16	19s48	1s26	13s37	6n 6	22s49	0s 2	3n44	1s 4	12s27	1s59	14n21	0n49	22s45	0n 5	20n38	1s53	5s32	5s17	24s42			n.a.
W 2	9 8	28 52	5 11	19 36	1 34	13 45	5 55	22 55	0 3	3 50	1 3	12 24	1 59	14 22	0 49	22 45	0 5	20 38	1 53	5 32	5 18	24 44			n.a.
T 3	8 45	28 7	4 49	19 23	1 41	13 53	5 44	23 1	0 5	3 55	1 3	12 22	2 0	14 22	0 49	22 45	0 5	20 38	1 53	5 33	5 19	24 46			n.a.
F 4	8 23	25 37	4 9	19 8	1 47	14 0	5 34	23 6	0 6	4 0	1 3	12 19	2 0	14 23	0 49	22 45	0 5	20 39	1 53	5 33	5 21	24 47			n.a.
S 5	8 1	21 38	3 15	18 52	1 53	14 7	5 23	23 12	0 7	4 5	1 3	12 16	2 0	14 24	0 49	22 44	0 5	20 39	1 53	5 33	5 22	24 49			n.a.
S 6	7 38	16 34	2 12	18 34	1 58	14 13	5 12	23 17	0 9	4 11	1 3	12 13	2 0	14 25	0 49	22 44	0 5	20 39	1 53	5 33	5 23	24 51			n.a.
M 7	7 16	10 48	1 2	18 14	2 3	14 19	5 1	23 22	0 10	4 16	1 3	12 11	2 0	14 26	0 49	22 44	0 5	20 39	1 53	5 34	5 24	24 53			n.a.
T 8	6 53	4 40	0s10	17 54	2 7	14 24	4 50	23 26	0 11	4 21	1 2	12 8	2 0	14 26	0 49	22 44	0 5	20 39	1 52	5 34	5 26	24 55			n.a.
W 9	6 30	1s31	1 20	17 31	2 11	14 29	4 40	23 31	0 13	4 26	1 2	12 5	2 0	14 27	0 49	22 44	0 5	20 39	1 52	5 34	5 27	24 56			n.a.
T 10	6 7	7 31	2 25	17 7	2 15	14 33	4 29	23 36	0 14	4 32	1 2	12 2	2 0	14 28	0 49	22 44	0 5	20 39	1 52	5 33	5 28	24 58			n.a.
F 11	5 44	13 8	3 22	16 41	2 18	14 36	4 19	23 40	0 16	4 37	1 2	12 0	2 0	14 29	0 49	22 43	0 5	20 40	1 52	5 33	5 29	25 0			n.a.
S 12	5 21	18 9	4 9	16 14	2 20	14 40	4 8	23 44	0 17	4 42	1 2	11 57	2 0	14 30	0 49	22 43	0 5	20 40	1 52	5 33	5 31	25 2			n.a.
S 13	4 58	22 25	4 44	15 45	2 22	14 42	3 58	23 48	0 19	4 48	1 2	11 54	2 0	14 30	0 49	22 43	0 5	20 40	1 52	5 33	5 32	25 4			n.a.
M14	4 35	25 44	5 7	15 15	2 23	14 44	3 48	23 52	0 20	4 53	1 2	11 52	2 0	14 31	0 49	22 43	0 5	20 40	1 52	5 34	5 33	25 5			n.a.
T 15	4 12	27 56	5 16	14 43	2 24	14 45	3 38	23 55	0 22	4 58	1 2	11 49	2 0	14 32	0 48	22 43	0 5	20 40	1 52	5 34	5 34	25 7			n.a.
W16	3 48	28 52	5 13	14 10	2 24	14 46	3 28	23 59	0 23	5 4	1 1	11 46	2 0	14 33	0 48	22 43	0 5	20 40	1 52	5 34	5 36	25 9			n.a.
T 17	3 25	28 26	4 55	13 35	2 24	14 46	3 18	24 2	0 25	5 9	1 1	11 44	2 1	14 33	0 48	22 43	0 5	20 40	1 51	5 34	5 37	25 11			n.a.
F 18	3 2	26 36	4 24	12 58	2 24	14 45	3 8	24 5	0 26	5 15	1 1	11 41	2 1	14 34	0 48	22 43	0 5	20 41	1 51	5 33	5 38	25 12			n.a.
S 19	2 38	23 25	3 39	12 20	2 22	14 44	2 59	24 8	0 28	5 20	1 1	11 38	2 1	14 35	0 48	22 42	0 5	20 41	1 51	5 33	5 39	25 14			n.a.
S 20	2 15	19 1	2 42	11 41	2 21	14 43	2 49	24 11	0 29	5 25	1 1	11 36	2 1	14 35	0 48	22 42	0 5	20 41	1 51	5 33	5 41	25 16			n.a.
M21	1 51	13 35	1 35	10 59	2 18	14 40	2 40	24 13	0 31	5 31	1 1	11 33	2 1	14 36	0 48	22 42	0 5	20 41	1 51	5 33	5 42	25 18			n.a.
T 22	1 28	7 22	0 21	10 17	2 16	14 38	2 31	24 16	0 33	5 36	1 1	11 31	2 1	14 37	0 48	22 42	0 5	20 41	1 51	5 32	5 43	25 19			n.a.
W23	1 5	0 39	0n56	9 33	2 12	14 34	2 22	24 18	0 34	5 42	1 1	11 28	2 1	14 37	0 48	22 42	0 5	20 41	1 51	5 32	5 44	25 21			n.a.
T 24	0 41	6n14	2 11	8 47	2 8	14 30	2 13	24 20	0 36	5 47	1 0	11 25	2 1	14 38	0 48	22 42	0 5	20 42	1 51	5 33	5 46	25 23			n.a.
F 25	0 18	12 54	3 19	8 0	2 4	14 26	2 4	24 22	0 38	5 53	1 0	11 23	2 1	14 39	0 48	22 42	0 5	20 42	1 51	5 33	5 47	25 24			n.a.
S 26	0n 6	18 54	4 14	7 11	1 59	14 20	1 56	24 24	0 40	5 58	1 0	11 20	2 2	14 39	0 48	22 42	0 5	20 42	1 51	5 34	5 48	25 26			n.a.
S 27	0 29	23 48	4 53	6 21	1 54	14 15	1 47	24 25	0 41	6 3	1 0	11 18	2 2	14 40	0 48	22 42	0 5	20 42	1 50	5 35	5 49	25 28			n.a.
M28	0 53	27 11	5 13	5 30	1 48	14 8	1 39	24 27	0 43	6 9	1 0	11 15	2 2	14 41	0 48	22 41	0 5	20 42	1 50	5 35	5 51	25 29			n.a.
T 29	1 16	28 46	5 13	4 37	1 41	14 1	1 31	24 28	0 45	6 14	1 0	11 13	2 2	14 41	0 48	22 41	0 5	20 42	1 50	5 36	5 52	25 31			n.a.
W30	1 39	28 26	4 54	3 43	1 34	13 54	1 23	24 29	0 47	6 20	1 0	11 10	2 2	14 42	0 48	22 41	0 5	20 43	1 50	5 36	5 53	25 33			n.a.
T 31	2n 3	26n19	4n18	2s48	1s27	13s46	1n15	24s30	0s49	6n25	1s 0	11s 7	2s 2	14n42	0n48	22s41	0n 5	20n43	1s50	5s35	5s54	25s34			n.a.

Julian Day Number = 1611176.5, Delta T = 03h53m11s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'19, Lahiri = - 8°07'19 Julian Calendar 1 March 302 BCE == Greg. Calendar 24 Feb. 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

APRIL 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 17 22	6♈ 3'24	4♌40	28♓21	20♒58	3♉58	18♈44	6♓37	23°R11	15♉56	12♊12	16♓ 1	15♓ 8	1♐28	n.a.	F 1
S 2	12 21 19	7° 1'26	18° 2	0♈25	21°49	4°35	18°58	6°44	23♌ 9	15°56	12°12	16° 2	15° 5	1°35	n.a.	S 2
S 3	12 25 15	7°59'26	1♍10	2°30	22°40	5°13	19°12	6°51	23° 8	15°57	12°13	16° 3	15° 2	1°41	n.a.	S 3
M 4	12 29 12	8°57'24	14° 5	4°36	23°31	5°49	19°26	6°57	23° 6	15°58	12°14	16°R 4	14°59	1°48	n.a.	M 4
T 5	12 33 8	9°55'20	26°47	6°43	24°24	6°26	19°40	7° 4	23° 5	15°58	12°15	16° 4	14°56	1°55	n.a.	T 5
W 6	12 37 5	10°53'14	9♎18	8°51	25°16	7° 3	19°54	7°11	23° 3	15°59	12°16	16° 2	14°52	2° 2	n.a.	W 6
T 7	12 41 1	11°51'07	21°38	11° 0	26°10	7°40	20° 8	7°18	23° 2	15°59	12°16	15°59	14°49	2° 8	n.a.	T 7
F 8	12 44 58	12°48'58	3♏49	13°10	27° 4	8°16	20°22	7°24	23° 0	16° 0	12°17	15°55	14°46	2°15	n.a.	F 8
S 9	12 48 54	13°46'47	15°52	15°20	27°58	8°53	20°36	7°31	22°59	16° 0	12°18	15°51	14°43	2°22	n.a.	S 9
S 10	12 52 51	14°44'36	27°48	17°31	28°53	9°29	20°50	7°38	22°58	16° 1	12°19	15°46	14°40	2°28	n.a.	S 10
M11	12 56 47	15°42'23	9♐41	19°41	29°49	10° 5	21° 4	7°44	22°56	16° 1	12°20	15°41	14°37	2°35	n.a.	M11
T 12	13 0 44	16°40'08	21°34	21°51	0♓45	10°42	21°18	7°51	22°55	16° 2	12°21	15°38	14°33	2°42	n.a.	T 12
W13	13 4 41	17°37'52	3♉30	24° 0	1°41	11°18	21°32	7°57	22°54	16° 2	12°22	15°35	14°30	2°49	n.a.	W13
T 14	13 8 37	18°35'36	15°34	26° 8	2°38	11°54	21°46	8° 4	22°53	16° 2	12°23	15°D34	14°27	2°55	n.a.	T 14
F 15	13 12 34	19°33'17	27°50	28°15	3°35	12°29	22° 0	8°10	22°52	16° 3	12°24	15°34	14°24	3° 2	n.a.	F 15
S 16	13 16 30	20°30'58	10♒23	0♉21	4°33	13° 5	22°15	8°16	22°51	16° 3	12°25	15°36	14°21	3° 9	n.a.	S 16
S 17	13 20 27	21°28'38	23°18	2°25	5°31	13°41	22°29	8°22	22°50	16° 3	12°26	15°37	14°18	3°16	n.a.	S 17
M18	13 24 23	22°26'16	6♓37	4°27	6°30	14°16	22°43	8°29	22°49	16° 3	12°27	15°38	14°14	3°22	n.a.	M18
T 19	13 28 20	23°23'53	20°22	6°27	7°29	14°51	22°57	8°35	22°48	16° 3	12°28	15°R39	14°11	3°29	n.a.	T 19
W20	13 32 16	24°21'29	4♈33	8°24	8°28	15°26	23°11	8°41	22°47	16° 4	12°29	15°37	14° 8	3°36	n.a.	W20
T 21	13 36 13	25°19'04	19° 8	10°19	9°28	16° 1	23°25	8°47	22°46	16° 4	12°30	15°34	14° 5	3°42	n.a.	T 21
F 22	13 40 10	26°16'37	3♉59	12°12	10°28	16°36	23°39	8°53	22°46	16° 4	12°31	15°29	14° 2	3°49	n.a.	F 22
S 23	13 44 6	27°14'10	19° 0	14° 2	11°28	17°11	23°53	8°59	22°45	16°R 4	12°32	15°23	13°58	3°56	n.a.	S 23
S 24	13 48 3	28°11'41	4♊ 0	15°49	12°28	17°45	24° 7	9° 5	22°44	16° 4	12°34	15°17	13°55	4° 3	n.a.	S 24
M25	13 51 59	29° 9'10	18°51	17°33	13°29	18°19	24°21	9°11	22°44	16° 4	12°35	15°11	13°52	4° 9	n.a.	M25
T 26	13 55 56	0♉ 6'39	3♋26	19°14	14°30	18°54	24°35	9°16	22°43	16° 4	12°36	15° 7	13°49	4°16	n.a.	T 26
W27	13 59 52	1° 4'06	17°41	20°52	15°32	19°28	24°49	9°22	22°43	16° 4	12°37	15° 5	13°46	4°23	n.a.	W27
T 28	14 3 49	2° 1'31	1♌32	22°27	16°34	20° 1	25° 3	9°28	22°42	16° 3	12°38	15°D 4	13°43	4°29	n.a.	T 28
F 29	14 7 45	2°58'55	15° 2	23°59	17°36	20°35	25°17	9°33	22°42	16° 3	12°39	15° 4	13°39	4°36	n.a.	F 29
S 30	14 11 42	3♉56'18	28♌11	25♉28	18♓38	21♉ 8	25♈31	9♓39	22♌42	16♉ 3	12♊41	15♓ 5	13♓36	4♐43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n26	22n42	3n29	1s52	1s19	13s37	1n 7	24s31	0s51	6n31	1s 0	11s 5	2s 2	14n43	0n48	22s41	0n 5	20n43	1s50	5s35	5s56	25s36		n.a.
S 2	2 49	17 58	2 28	0 54	1 10	13 28	1 0	24 32	0 52	6 36	0 59	11 3	2 2	14 43	0 48	22 41	0 5	20 43	1 50	5 34	5 57	25 38		n.a.
S 3	3 12	12 27	1 21	0n 4	1 1	13 19	0 52	24 32	0 54	6 42	0 59	11 0	2 3	14 44	0 48	22 41	0 5	20 43	1 50	5 34	5 58	25 39		n.a.
M 4	3 36	6 30	0 11	1 3	0 52	13 8	0 45	24 33	0 56	6 47	0 59	10 58	2 3	14 44	0 48	22 41	0 5	20 44	1 50	5 34	5 59	25 41		n.a.
T 5	3 59	0 24	0s59	2 3	0 42	12 58	0 38	24 33	0 58	6 52	0 59	10 55	2 3	14 45	0 48	22 41	0 5	20 44	1 50	5 34	6 0	25 42		n.a.
W 6	4 22	5s38	2 4	3 3	0 32	12 46	0 31	24 33	1 0	6 58	0 59	10 53	2 3	14 45	0 48	22 41	0 5	20 44	1 49	5 34	6 2	25 44		n.a.
T 7	4 44	11 21	3 3	4 4	0 22	12 34	0 24	24 33	1 2	7 3	0 59	10 50	2 3	14 46	0 48	22 41	0 5	20 44	1 49	5 36	6 3	25 46		n.a.
F 8	5 7	16 35	3 52	5 5	0 12	12 22	0 17	24 33	1 4	7 9	0 59	10 48	2 3	14 46	0 48	22 41	0 5	20 44	1 49	5 37	6 4	25 47		n.a.
S 9	5 30	21 6	4 31	6 5	0 1	12 9	0 11	24 32	1 6	7 14	0 59	10 46	2 3	14 47	0 48	22 41	0 5	20 45	1 49	5 39	6 5	25 49		n.a.
S 10	5 53	24 44	4 57	7 6	0n 9	11 56	0 5	24 32	1 8	7 19	0 59	10 43	2 4	14 47	0 48	22 41	0 5	20 45	1 49	5 41	6 7	25 50		n.a.
M11	6 15	27 17	5 10	8 6	0 20	11 42	0s 2	24 31	1 11	7 25	0 59	10 41	2 4	14 47	0 48	22 41	0 5	20 45	1 49	5 43	6 8	25 52		n.a.
T 12	6 38	28 37	5 10	9 5	0 31	11 28	0 8	24 30	1 13	7 30	0 59	10 39	2 4	14 48	0 48	22 40	0 5	20 45	1 49	5 44	6 9	25 53		n.a.
W13	7 0	28 38	4 57	10 3	0 41	11 13	0 13	24 29	1 15	7 36	0 59	10 36	2 4	14 48	0 48	22 40	0 5	20 46	1 49	5 45	6 10	25 55		n.a.
T 14	7 22	27 17	4 31	11 0	0 51	10 58	0 19	24 28	1 17	7 41	0 58	10 34	2 4	14 48	0 48	22 40	0 5	20 46	1 49	5 45	6 12	25 56		n.a.
F 15	7 45	24 37	3 51	11 56	1 1	10 42	0 25	24 27	1 19	7 46	0 58	10 32	2 4	14 49	0 48	22 40	0 5	20 46	1 49	5 45	6 13	25 58		n.a.
S 16	8 7	20 44	3 0	12 50	1 11	10 26	0 30	24 26	1 22	7 52	0 58	10 30	2 5	14 49	0 48	22 40	0 5	20 46	1 48	5 45	6 14	26 0		n.a.
S 17	8 28	15 47	1 59	13 43	1 20	10 9	0 36	24 25	1 24	7 57	0 58	10 27	2 5	14 49	0 48	22 40	0 5	20 46	1 48	5 44	6 15	26 1		n.a.
M18	8 50	9 57	0 49	14 33	1 29	9 52	0 41	24 23	1 26	8 3	0 58	10 25	2 5	14 50	0 48	22 40	0 5	20 47	1 48	5 44	6 17	26 3		n.a.
T 19	9 12	3 28	0n26	15 21	1 37	9 34	0 46	24 22	1 28	8 8	0 58	10 23	2 5	14 50	0 47	22 40	0 5	20 47	1 48	5 44	6 18	26 4		n.a.
W20	9 33	3n22	1 41	16 7	1 44	9 17	0 51	24 20	1 31	8 13	0 58	10 21	2 5	14 50	0 47	22 40	0 5	20 47	1 48	5 44	6 19	26 6		n.a.
T 21	9 55	10 13	2 52	16 51	1 51	8 58	0 55	24 18	1 33	8 18	0 58	10 19	2 6	14 50	0 47	22 40	0 5	20 47	1 48	5 45	6 20	26 7		n.a.
F 22	10 16	16 38	3 52	17 33	1 58	8 40	1 0	24 16	1 36	8 24	0 58	10 17	2 6	14 51	0 47	22 40	0 5	20 48	1 48	5 47	6 22	26 9		n.a.
S 23	10 37	22 7	4 37	18 12	2 3	8 20	1 4	24 14	1 38	8 29	0 58	10 14	2 6	14 51	0 47	22 40	0 5	20 48	1 48	5 50	6 23	26 10		n.a.
S 24	10 58	26 10	5 3	18 49	2 8	8 1	1 9	24 12	1 40	8 34	0 58	10 12	2 6	14 51	0 47	22 40	0 5	20 48	1 48	5 52	6 24	26 11		n.a.
M25	11 18	28 22	5 8	19 23	2 12	7 41	1 13	24 10	1 43	8 40	0 58	10 10	2 6	14 51	0 47	22 40	0 5	20 48	1 48	5 54	6 25	26 13		n.a.
T 26	11 39	28 34	4 53	19 55	2 16	7 21	1 17	24 7	1 45	8 45	0 58	10 8	2 7	14 51	0 47	22 40	0 5	20 49	1 48	5 56	6 26	26 14		n.a.
W27	11 59	26 51	4 20	20 25	2 18	7 1	1 21	24 5	1 48	8 50	0 58	10 6	2 7	14 51	0 47	22 40	0 5	20 49	1 47	5 57	6 28	26 16		n.a.
T 28	12 19	23 31	3 33	20 52	2 20	6 40	1 25	24 2	1 50	8 55	0 58	10 4	2 7	14 51	0 47	22 40	0 5	20 49	1 47	5 57	6 29	26 17		n.a.
F 29	12 39	18 59	2 35	21 17	2 21	6 19	1 28	24 0	1 53	9 1	0 58	10 3	2 7	14 52	0 47	22 40	0 5	20 49	1 47	5 57	6 30	26 19		n.a.
S 30	12n59	13n39	1n30	21n39	2n22	5s57	1s32	23s57	1s56	9n 6	0s57	10s 1	2s 7	14n52	0n47	22s40	0n 5	20n49	1s47	5s57	6s31	26s20		n.a.

Julian Day Number = 1611207.5, Delta T = 03h53m10s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'15, Lahiri = - 8°07'14 Julian Calendar 1 Apr. 302 BCE == Greg. Calendar 27 March 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

MAY 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 15 39	4♉53'39	11♍ 3	26♉54	19♓40	21♊42	25♈45	9♓44	22°R41	16°R 3	12♊42	15°R 6	13♓33	4♐50	n.a.	S 1
M 2	14 19 35	5°50'59	23°40	28°17	20°43	22°15	25°59	9°49	22♌41	16♊ 3	12°43	15♓ 6	13°30	4°56	n.a.	M 2
T 3	14 23 32	6°48'18	6♎ 6	29°36	21°46	22°47	26°13	9°55	22°41	16° 2	12°45	15° 4	13°27	5° 3	n.a.	T 3
W 4	14 27 28	7°45'36	18°21	0♊53	22°49	23°20	26°27	10° 0	22°41	16° 2	12°46	14°59	13°23	5°10	n.a.	W 4
T 5	14 31 25	8°42'53	0♏29	2° 6	23°53	23°52	26°41	10° 5	22°D41	16° 2	12°47	14°53	13°20	5°17	n.a.	T 5
F 6	14 35 21	9°40'09	12°31	3°16	24°56	24°25	26°55	10°10	22°41	16° 1	12°48	14°44	13°17	5°23	n.a.	F 6
S 7	14 39 18	10°37'24	24°28	4°22	26° 0	24°57	27° 9	10°15	22°41	16° 1	12°50	14°34	13°14	5°30	n.a.	S 7
S 8	14 43 14	11°34'39	6♐22	5°25	27° 4	25°28	27°23	10°20	22°41	16° 0	12°51	14°23	13°11	5°37	n.a.	S 8
M 9	14 47 11	12°31'53	18°14	6°24	28° 9	26° 0	27°36	10°25	22°41	16° 0	12°52	14°13	13° 8	5°43	n.a.	M 9
T 10	14 51 8	13°29'06	0♑ 7	7°20	29°13	26°31	27°50	10°30	22°41	15°59	12°54	14° 4	13° 4	5°50	n.a.	T 10
W11	14 55 4	14°26'19	12° 3	8°12	0♈18	27° 2	28° 4	10°34	22°42	15°59	12°55	13°57	13° 1	5°57	n.a.	W11
T 12	14 59 1	15°23'31	24° 7	9° 0	1°23	27°33	28°18	10°39	22°42	15°58	12°57	13°53	12°58	6° 4	n.a.	T 12
F 13	15 2 57	16°20'43	6♒21	9°45	2°28	28° 3	28°31	10°44	22°42	15°58	12°58	13°50	12°55	6°10	n.a.	F 13
S 14	15 6 54	17°17'55	18°51	10°25	3°33	28°34	28°45	10°48	22°43	15°57	12°59	13°D50	12°52	6°17	n.a.	S 14
S 15	15 10 50	18°15'06	1♓41	11° 2	4°38	29° 3	28°59	10°53	22°43	15°56	13° 1	13°50	12°49	6°24	n.a.	S 15
M16	15 14 47	19°12'17	14°56	11°34	5°44	29°33	29°12	10°57	22°44	15°56	13° 2	13°R51	12°45	6°30	n.a.	M16
T 17	15 18 44	20° 9'28	28°38	12° 2	6°50	0♒ 2	29°26	11° 1	22°44	15°55	13° 4	13°50	12°42	6°37	n.a.	T 17
W18	15 22 40	21° 6'38	12♈49	12°26	7°56	0°31	29°40	11° 5	22°45	15°54	13° 5	13°47	12°39	6°44	n.a.	W18
T 19	15 26 37	22° 3'48	27°27	12°45	9° 2	1° 0	29°53	11° 9	22°46	15°53	13° 7	13°42	12°36	6°51	n.a.	T 19
F 20	15 30 33	23° 0'58	12♉27	13° 0	10° 8	1°28	0♉ 6	11°13	22°46	15°53	13° 8	13°34	12°33	6°57	n.a.	F 20
S 21	15 34 30	23°58'08	27°40	13°10	11°14	1°57	0°20	11°17	22°47	15°52	13° 9	13°25	12°29	7° 4	n.a.	S 21
S 22	15 38 26	24°55'18	12♊57	13°16	12°21	2°24	0°33	11°21	22°48	15°51	13°11	13°15	12°26	7°11	n.a.	S 22
M23	15 42 23	25°52'27	28° 5	13°R17	13°27	2°51	0°47	11°25	22°49	15°50	13°12	13° 5	12°23	7°18	n.a.	M23
T 24	15 46 19	26°49'36	12♋56	13°14	14°34	3°18	1° 0	11°28	22°50	15°49	13°14	12°58	12°20	7°24	n.a.	T 24
W25	15 50 16	27°46'44	27°22	13° 6	15°41	3°45	1°13	11°32	22°51	15°48	13°15	12°52	12°17	7°31	n.a.	W25
T 26	15 54 13	28°43'51	11♌21	12°54	16°48	4°11	1°27	11°36	22°52	15°47	13°17	12°49	12°14	7°38	n.a.	T 26
F 27	15 58 9	29°40'58	24°52	12°37	17°55	4°37	1°40	11°39	22°53	15°46	13°18	12°D48	12°10	7°44	n.a.	F 27
S 28	16 2 6	0♊38'05	7♍59	12°17	19° 2	5° 2	1°53	11°42	22°54	15°45	13°20	12°R48	12° 7	7°51	n.a.	S 28
S 29	16 6 2	1°35'11	20°44	11°53	20°10	5°27	2° 6	11°45	22°56	15°44	13°21	12°48	12° 4	7°58	n.a.	S 29
M30	16 9 59	2°32'17	3♎12	11°26	21°17	5°52	2°19	11°49	22°57	15°43	13°23	12°47	12° 1	8° 5	n.a.	M30
T 31	16 13 55	3♊29'22	15♎28	10♊55	22♈25	6♒16	2♉32	11♓52	22♌58	15♊42	13♊24	12♓43	11♓58	8♐11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	13n19	7n51	0n22	22n 0	2n21	5s35	1s35	23s55	1s58	9n11	0s57	9s59	2s 8	14n52	0n47	22s41	0n 5	20n50	1s47	5s56	6s33	26s22			n.a.
M 2	13 38	1 50	0s46	22 18	2 20	5 13	1 38	23 52	2 1	9 16	0 57	9 57	2 8	14 52	0 47	22 41	0 5	20 50	1 47	5 56	6 34	26 23			n.a.
T 3	13 57	4s 8	1 50	22 33	2 18	4 51	1 41	23 49	2 4	9 21	0 57	9 55	2 8	14 52	0 47	22 41	0 5	20 50	1 47	5 57	6 35	26 24			n.a.
W 4	14 16	9 52	2 49	22 47	2 15	4 28	1 44	23 46	2 6	9 26	0 57	9 53	2 8	14 52	0 47	22 41	0 5	20 50	1 47	5 59	6 36	26 26			n.a.
T 5	14 35	15 11	3 38	22 59	2 11	4 6	1 47	23 43	2 9	9 31	0 57	9 51	2 8	14 52	0 47	22 41	0 5	20 51	1 47	6 2	6 38	26 27			n.a.
F 6	14 53	19 52	4 18	23 8	2 7	3 43	1 50	23 40	2 12	9 37	0 57	9 50	2 9	14 52	0 47	22 41	0 5	20 51	1 47	6 5	6 39	26 28			n.a.
S 7	15 12	23 44	4 46	23 16	2 2	3 19	1 52	23 37	2 15	9 42	0 57	9 48	2 9	14 52	0 47	22 41	0 5	20 51	1 47	6 9	6 40	26 30			n.a.
S 8	15 30	26 35	5 1	23 22	1 56	2 56	1 55	23 34	2 18	9 47	0 57	9 46	2 9	14 51	0 47	22 41	0 5	20 51	1 47	6 13	6 41	26 31			n.a.
M 9	15 47	28 14	5 3	23 26	1 49	2 32	1 57	23 31	2 21	9 52	0 57	9 45	2 9	14 51	0 47	22 41	0 5	20 52	1 46	6 17	6 43	26 33			n.a.
T 10	16 5	28 36	4 52	23 28	1 41	2 8	1 59	23 27	2 24	9 57	0 57	9 43	2 10	14 51	0 47	22 41	0 5	20 52	1 46	6 21	6 44	26 34			n.a.
W11	16 22	27 38	4 29	23 28	1 33	1 44	2 1	23 24	2 26	10 2	0 57	9 41	2 10	14 51	0 47	22 41	0 5	20 52	1 46	6 23	6 45	26 35			n.a.
T 12	16 39	25 22	3 53	23 27	1 24	1 19	2 3	23 21	2 29	10 7	0 57	9 40	2 10	14 51	0 47	22 41	0 5	20 52	1 46	6 25	6 46	26 37			n.a.
F 13	16 56	21 55	3 6	23 24	1 14	0 55	2 5	23 18	2 32	10 12	0 57	9 38	2 10	14 51	0 47	22 41	0 5	20 53	1 46	6 26	6 47	26 38			n.a.
S 14	17 12	17 24	2 9	23 20	1 3	0 30	2 7	23 14	2 35	10 17	0 57	9 37	2 11	14 51	0 46	22 41	0 5	20 53	1 46	6 26	6 49	26 39			n.a.
S 15	17 28	12 0	1 4	23 14	0 52	0 5	2 8	23 11	2 39	10 22	0 57	9 35	2 11	14 50	0 46	22 41	0 5	20 53	1 46	6 26	6 50	26 41			n.a.
M16	17 44	5 55	0n 6	23 6	0 40	0n20	2 9	23 8	2 42	10 26	0 57	9 34	2 11	14 50	0 46	22 42	0 5	20 53	1 46	6 26	6 51	26 42			n.a.
T 17	18 0	0n38	1 18	22 57	0 27	0 45	2 11	23 4	2 45	10 31	0 57	9 33	2 11	14 50	0 46	22 42	0 5	20 54	1 46	6 26	6 52	26 43			n.a.
W18	18 15	7 23	2 27	22 47	0 14	1 10	2 12	23 1	2 48	10 36	0 57	9 31	2 12	14 50	0 46	22 42	0 5	20 54	1 46	6 27	6 54	26 44			n.a.
T 19	18 31	13 56	3 30	22 36	0s 0	1 35	2 13	22 58	2 51	10 41	0 57	9 30	2 12	14 49	0 46	22 42	0 5	20 54	1 46	6 29	6 55	26 46			n.a.
F 20	18 45	19 52	4 19	22 23	0 15	2 1	2 14	22 54	2 54	10 46	0 57	9 29	2 12	14 49	0 46	22 42	0 5	20 55	1 46	6 32	6 56	26 47			n.a.
S 21	19 0	24 36	4 51	22 10	0 30	2 26	2 15	22 51	2 58	10 50	0 57	9 27	2 12	14 49	0 46	22 42	0 5	20 55	1 46	6 36	6 57	26 48			n.a.
S 22	19 14	27 37	5 2	21 55	0 45	2 52	2 16	22 48	3 1	10 55	0 57	9 26	2 13	14 49	0 46	22 42	0 5	20 55	1 45	6 40	6 59	26 49			n.a.
M23	19 28	28 35	4 52	21 40	1 1	3 17	2 16	22 45	3 4	11 0	0 57	9 25	2 13	14 48	0 46	22 42	0 5	20 55	1 45	6 43	7 0	26 51			n.a.
T 24	19 41	27 26	4 22	21 23	1 17	3 43	2 17	22 42	3 8	11 5	0 57	9 24	2 13	14 48	0 46	22 42	0 5	20 56	1 45	6 46	7 1	26 52			n.a.
W25	19 54	24 28	3 36	21 6	1 34	4 8	2 17	22 38	3 11	11 9	0 57	9 22	2 13	14 48	0 46	22 42	0 5	20 56	1 45	6 48	7 2	26 53			n.a.
T 26	20 7	20 7	2 38	20 48	1 50	4 34	2 17	22 35	3 14	11 14	0 57	9 21	2 14	14 47	0 46	22 43	0 5	20 56	1 45	6 50	7 3	26 54			n.a.
F 27	20 20	14 51	1 33	20 30	2 6	5 0	2 18	22 32	3 18	11 19	0 57	9 20	2 14	14 47	0 46	22 43	0 5	20 56	1 45	6 50	7 5	26 56			n.a.
S 28	20 32	9 4	0 26	20 12	2 22	5 25	2 18	22 29	3 21	11 23	0 57	9 19	2 14	14 46	0 46	22 43	0 5	20 57	1 45	6 50	7 6	26 57			n.a.
S 29	20 44	3 4	0s42	19 53	2 38	5 51	2 18	22 26	3 25	11 28	0 57	9 18	2 14	14 46	0 46	22 43	0 5	20 57	1 45	6 50	7 7	26 58			n.a.
M30	20 55	2s54	1 46	19 34	2 53	6 17	2 18	22 24	3 28	11 32	0 57	9 17	2 15	14 45	0 46	22 43	0 5	20 57	1 45	6 51	7 8	26 59			n.a.
T 31	21n 7	8s40	2s43	19n15	3s 8	6n42	2s17	22s21	3s32	11n37	0s57	9s16	2s15	14n45	0n46	22s43	0n 5	20n57	1s45	6s52	7s10	27s 0			n.a.

Julian Day Number = 1611237.5, Delta T = 03h53m09s
Ecliptic obliquity = 23°44'04, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'11, Lahiri = - 8°07'10 Julian Calendar 1 May 302 BCE == Greg. Calendar 26 Apr. 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

JUNE 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 17 52	4♊26'28	27♎33	10°R23	23♈33	6♒40	2♉45	11♓54	22♌59	15°R41	13♊26	12°R37	11♓55	8♐18	n.a.	W 1
T 2	16 21 48	5°23'33	9♏33	9♊48	24°41	7° 3	2°58	11°57	23° 1	15♑40	13°27	12♓28	11°51	8°25	n.a.	T 2
F 3	16 25 45	6°20'38	21°28	9°12	25°49	7°26	3°11	12° 0	23° 2	15°39	13°29	12°17	11°48	8°32	n.a.	F 3
S 4	16 29 42	7°17'44	3♐21	8°35	26°57	7°49	3°23	12° 3	23° 4	15°38	13°31	12° 3	11°45	8°38	n.a.	S 4
S 5	16 33 38	8°14'49	15°14	7°58	28° 5	8°10	3°36	12° 5	23° 5	15°36	13°32	11°50	11°42	8°45	n.a.	S 5
M 6	16 37 35	9°11'55	27° 8	7°21	29°13	8°32	3°49	12° 8	23° 7	15°35	13°34	11°36	11°39	8°52	n.a.	M 6
T 7	16 41 31	10° 9'01	9♑ 3	6°46	0♉22	8°53	4° 1	12°10	23° 9	15°34	13°35	11°24	11°35	8°58	n.a.	T 7
W 8	16 45 28	11° 6'07	21° 4	6°12	1°30	9°13	4°14	12°12	23°10	15°33	13°37	11°15	11°32	9° 5	n.a.	W 8
T 9	16 49 24	12° 3'14	3♒10	5°40	2°39	9°33	4°26	12°15	23°12	15°31	13°38	11° 8	11°29	9°12	n.a.	T 9
F 10	16 53 21	13° 0'21	15°27	5°12	3°47	9°52	4°39	12°17	23°14	15°30	13°40	11° 4	11°26	9°19	n.a.	F 10
S 11	16 57 18	13°57'28	27°57	4°47	4°56	10°11	4°51	12°19	23°16	15°29	13°41	11° 3	11°23	9°25	n.a.	S 11
S 12	17 1 14	14°54'37	10♓45	4°26	6° 5	10°29	5° 3	12°20	23°18	15°27	13°43	11° 2	11°20	9°32	n.a.	S 12
M13	17 5 11	15°51'46	23°55	4° 9	7°14	10°47	5°16	12°22	23°20	15°26	13°44	11° 2	11°16	9°39	n.a.	M13
T 14	17 9 7	16°48'55	7♈31	3°56	8°23	11° 4	5°28	12°24	23°22	15°25	13°46	11° 1	11°13	9°46	n.a.	T 14
W15	17 13 4	17°46'06	21°34	3°49	9°33	11°20	5°40	12°26	23°24	15°23	13°48	10°58	11°10	9°52	n.a.	W15
T 16	17 17 0	18°43'17	6♉ 4	3°D47	10°42	11°36	5°52	12°27	23°26	15°22	13°49	10°53	11° 7	9°59	n.a.	T 16
F 17	17 20 57	19°40'29	20°58	3°50	11°51	11°51	6° 4	12°28	23°28	15°21	13°51	10°45	11° 4	10° 6	n.a.	F 17
S 18	17 24 53	20°37'42	6♊ 9	3°59	13° 1	12° 6	6°16	12°30	23°30	15°19	13°52	10°35	11° 1	10°12	n.a.	S 18
S 19	17 28 50	21°34'55	21°27	4°13	14°11	12°20	6°28	12°31	23°32	15°18	13°54	10°25	10°57	10°19	n.a.	S 19
M20	17 32 47	22°32'10	6♋40	4°33	15°20	12°33	6°39	12°32	23°34	15°16	13°55	10°14	10°54	10°26	n.a.	M20
T 21	17 36 43	23°29'24	21°38	4°59	16°30	12°45	6°51	12°33	23°37	15°15	13°57	10° 6	10°51	10°33	n.a.	T 21
W22	17 40 40	24°26'40	6♌13	5°30	17°40	12°57	7° 2	12°34	23°39	15°13	13°58	10° 0	10°48	10°39	n.a.	W22
T 23	17 44 36	25°23'55	20°19	6° 7	18°50	13° 8	7°14	12°34	23°41	15°12	14° 0	9°57	10°45	10°46	n.a.	T 23
F 24	17 48 33	26°21'11	3♍57	6°50	20° 0	13°18	7°25	12°35	23°44	15°10	14° 1	9°55	10°41	10°53	n.a.	F 24
S 25	17 52 29	27°18'28	17° 7	7°38	21°10	13°28	7°37	12°36	23°46	15° 9	14° 3	9°D55	10°38	11° 0	n.a.	S 25
S 26	17 56 26	28°15'45	29°54	8°32	22°20	13°36	7°48	12°36	23°49	15° 7	14° 4	9°R56	10°35	11° 6	n.a.	S 26
M27	18 0 23	29°13'03	12♎20	9°31	23°30	13°45	7°59	12°36	23°51	15° 6	14° 6	9°55	10°32	11°13	n.a.	M27
T 28	18 4 19	0♋10'21	24°32	10°36	24°41	13°52	8°10	12°37	23°54	15° 4	14° 7	9°52	10°29	11°20	n.a.	T 28
W29	18 8 16	1° 7'40	6♏34	11°46	25°51	13°58	8°21	12°37	23°56	15° 2	14° 9	9°47	10°26	11°26	n.a.	W29
T 30	18 12 12	2♋ 5'00	18♏29	13♊ 1	27♉ 2	14♒ 4	8♉32	12°R37	23♌59	15♑ 1	14♊10	9♓40	10♓22	11♐33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n17	14s 2	3s33	18n57	3s22	7n 8	2s17	22s18	3s35	11n41	0s57	9s16	2s15	14n44	0n46	22s43	0n 5	20n58	1s45	6s54	7s11	27s 2		n.a.
T 2	21 28	18 49	4 12	18 39	3 35	7 33	2 17	22 16	3 39	11 46	0 57	9 15	2 16	14 44	0 46	22 44	0 5	20 58	1 45	6 58	7 12	27 3		n.a.
F 3	21 38	22 51	4 40	18 22	3 46	7 59	2 16	22 13	3 43	11 50	0 57	9 14	2 16	14 43	0 46	22 44	0 5	20 58	1 45	7 2	7 13	27 4		n.a.
S 4	21 48	25 55	4 56	18 6	3 57	8 24	2 16	22 11	3 46	11 54	0 57	9 13	2 16	14 43	0 46	22 44	0 5	20 58	1 45	7 7	7 14	27 5		n.a.
S 5	21 57	27 51	4 59	17 51	4 6	8 49	2 15	22 8	3 50	11 59	0 57	9 12	2 16	14 42	0 46	22 44	0 5	20 59	1 45	7 13	7 16	27 6		n.a.
M 6	22 6	28 31	4 49	17 37	4 14	9 15	2 14	22 6	3 54	12 3	0 57	9 12	2 17	14 42	0 46	22 44	0 5	20 59	1 44	7 18	7 17	27 7		n.a.
T 7	22 15	27 50	4 26	17 25	4 21	9 40	2 13	22 4	3 57	12 7	0 57	9 11	2 17	14 41	0 46	22 44	0 5	20 59	1 44	7 22	7 18	27 9		n.a.
W 8	22 23	25 52	3 51	17 15	4 26	10 4	2 12	22 2	4 1	12 12	0 57	9 10	2 17	14 41	0 45	22 44	0 4	20 59	1 44	7 26	7 19	27 10		n.a.
T 9	22 31	22 42	3 6	17 6	4 29	10 29	2 11	22 0	4 5	12 16	0 57	9 10	2 17	14 40	0 45	22 45	0 4	21 0	1 44	7 29	7 21	27 11		n.a.
F 10	22 38	18 29	2 11	16 59	4 31	10 54	2 10	21 59	4 9	12 20	0 57	9 9	2 18	14 39	0 45	22 45	0 4	21 0	1 44	7 30	7 22	27 12		n.a.
S 11	22 45	13 24	1 9	16 54	4 32	11 18	2 9	21 57	4 13	12 24	0 57	9 9	2 18	14 39	0 45	22 45	0 4	21 0	1 44	7 31	7 23	27 13		n.a.
S 12	22 52	7 39	0 2	16 52	4 30	11 43	2 8	21 56	4 16	12 28	0 57	9 8	2 18	14 38	0 45	22 45	0 4	21 0	1 44	7 31	7 24	27 14		n.a.
M13	22 58	1 25	1n 8	16 51	4 28	12 7	2 6	21 55	4 20	12 32	0 57	9 8	2 19	14 37	0 45	22 45	0 4	21 1	1 44	7 31	7 25	27 15		n.a.
T 14	23 4	5n 5	2 15	16 53	4 24	12 30	2 5	21 53	4 24	12 37	0 57	9 7	2 19	14 37	0 45	22 45	0 4	21 1	1 44	7 31	7 27	27 16		n.a.
W15	23 10	11 32	3 16	16 57	4 18	12 54	2 3	21 53	4 28	12 41	0 57	9 7	2 19	14 36	0 45	22 46	0 4	21 1	1 44	7 32	7 28	27 17		n.a.
T 16	23 15	17 35	4 7	17 3	4 12	13 17	2 2	21 52	4 32	12 45	0 57	9 7	2 19	14 35	0 45	22 46	0 4	21 1	1 44	7 35	7 29	27 18		n.a.
F 17	23 20	22 46	4 43	17 11	4 4	13 41	2 0	21 51	4 36	12 49	0 57	9 7	2 20	14 34	0 45	22 46	0 4	21 2	1 44	7 38	7 30	27 19		n.a.
S 18	23 24	26 31	5 0	17 21	3 56	14 4	1 58	21 51	4 40	12 52	0 57	9 6	2 20	14 34	0 45	22 46	0 4	21 2	1 44	7 41	7 32	27 20		n.a.
S 19	23 28	28 22	4 55	17 33	3 46	14 26	1 57	21 51	4 44	12 56	0 57	9 6	2 20	14 33	0 45	22 46	0 4	21 2	1 44	7 45	7 33	27 21		n.a.
M20	23 31	28 3	4 30	17 47	3 35	14 49	1 55	21 51	4 48	13 0	0 57	9 6	2 21	14 32	0 45	22 47	0 4	21 2	1 44	7 49	7 34	27 22		n.a.
T 21	23 34	25 41	3 46	18 3	3 24	15 11	1 53	21 51	4 52	13 4	0 57	9 6	2 21	14 31	0 45	22 47	0 4	21 2	1 44	7 52	7 35	27 24		n.a.
W22	23 37	21 40	2 48	18 20	3 12	15 32	1 51	21 51	4 56	13 8	0 57	9 6	2 21	14 31	0 45	22 47	0 4	21 3	1 44	7 55	7 36	27 25		n.a.
T 23	23 39	16 30	1 42	18 39	3 0	15 54	1 49	21 52	5 0	13 12	0 57	9 6	2 22	14 30	0 45	22 47	0 4	21 3	1 44	7 56	7 38	27 26		n.a.
F 24	23 41	10 40	0 32	18 59	2 47	16 15	1 47	21 52	5 4	13 15	0 57	9 6	2 22	14 29	0 45	22 47	0 4	21 3	1 43	7 56	7 39	27 27		n.a.
S 25	23 42	4 34	0s38	19 20	2 33	16 36	1 44	21 53	5 8	13 19	0 57	9 6	2 22	14 28	0 45	22 47	0 4	21 3	1 43	7 56	7 40	27 28		n.a.
S 26	23 43	1s33	1 44	19 42	2 19	16 56	1 42	21 55	5 12	13 23	0 57	9 6	2 22	14 27	0 45	22 48	0 4	21 4	1 43	7 56	7 41	27 28		n.a.
M27	23 44	7 26	2 43	20 5	2 5	17 16	1 40	21 56	5 16	13 26	0 58	9 6	2 23	14 26	0 45	22 48	0 4	21 4	1 43	7 57	7 43	27 29		n.a.
T 28	23 44	12 55	3 33	20 29	1 51	17 36	1 38	21 57	5 20	13 30	0 58	9 6	2 23	14 25	0 45	22 48	0 4	21 4	1 43	7 58	7 44	27 30		n.a.
W29	23 44	17 51	4 13	20 52	1 37	17 55	1 35	21 59	5 24	13 33	0 58	9 7	2 23	14 24	0 45	22 48	0 4	21 4	1 43	8 0	7 45	27 31		n.a.
T 30	23n43	22s 3	4s42	21n16	1s23	18n14	1s33	22s 1	5s27	13n37	0s58	9s 7	2s24	14n24	0n45	22s48	0n 4	21n 5	1s43	8s 3	7s46	27s32		n.a.

Julian Day Number = 1611268.5, Delta T = 03h53m08s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'07, Lahiri = - 8°07'06 Julian Calendar 1 June 302 BCE == Greg. Calendar 27 May 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

JULY 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 16 9	3♋ 2'20	0♐22	14♊21	28♉12	14♒ 9	8♉43	12°R37	24♌ 2	14°R59	14♊12	9°R30	10♓19	11♐40	n.a.	F 1
S 2	18 20 5	3°59'42	12°14	15°46	29°23	14°13	8°53	12♓37	24° 4	14♑58	14°13	9♓19	10°16	11°47	n.a.	S 2
S 3	18 24 2	4°57'04	24° 9	17°16	0♊33	14°17	9° 4	12°36	24° 7	14°56	14°15	9° 7	10°13	11°53	n.a.	S 3
M 4	18 27 58	5°54'28	6♑ 6	18°50	1°44	14°19	9°14	12°36	24°10	14°54	14°16	8°55	10°10	12° 0	n.a.	M 4
T 5	18 31 55	6°51'52	18° 9	20°28	2°55	14°21	9°25	12°35	24°13	14°53	14°18	8°45	10° 7	12° 7	n.a.	T 5
W 6	18 35 52	7°49'18	0♒17	22°10	4° 6	14°22	9°35	12°35	24°16	14°51	14°19	8°37	10° 3	12°13	n.a.	W 6
T 7	18 39 48	8°46'45	12°34	23°56	5°17	14°R22	9°45	12°34	24°19	14°50	14°21	8°31	10° 0	12°20	n.a.	T 7
F 8	18 43 45	9°44'13	25° 0	25°45	6°28	14°22	9°55	12°33	24°22	14°48	14°22	8°28	9°57	12°27	n.a.	F 8
S 9	18 47 41	10°41'43	7♓38	27°37	7°39	14°20	10° 5	12°32	24°24	14°46	14°23	8°D27	9°54	12°34	n.a.	S 9
S 10	18 51 38	11°39'14	20°31	29°31	8°51	14°18	10°15	12°31	24°27	14°45	14°25	8°28	9°51	12°40	n.a.	S 10
M11	18 55 34	12°36'47	3♈42	1♋28	10° 2	14°15	10°25	12°30	24°31	14°43	14°26	8°29	9°47	12°47	n.a.	M11
T 12	18 59 31	13°34'21	17°13	3°26	11°13	14°11	10°34	12°29	24°34	14°41	14°28	8°R29	9°44	12°54	n.a.	T 12
W13	19 3 27	14°31'57	1♉ 8	5°26	12°25	14° 6	10°44	12°28	24°37	14°40	14°29	8°28	9°41	13° 1	n.a.	W13
T 14	19 7 24	15°29'34	15°26	7°27	13°36	14° 0	10°53	12°26	24°40	14°38	14°30	8°24	9°38	13° 7	n.a.	T 14
F 15	19 11 21	16°27'13	0♊ 5	9°28	14°48	13°54	11° 2	12°25	24°43	14°37	14°32	8°19	9°35	13°14	n.a.	F 15
S 16	19 15 17	17°24'54	14°59	11°30	16° 0	13°47	11°12	12°23	24°46	14°35	14°33	8°12	9°32	13°21	n.a.	S 16
S 17	19 19 14	18°22'37	0♋ 2	13°33	17°12	13°39	11°21	12°22	24°49	14°33	14°34	8° 5	9°28	13°27	n.a.	S 17
M18	19 23 10	19°20'21	15° 5	15°35	18°23	13°30	11°30	12°20	24°53	14°32	14°36	7°58	9°25	13°34	n.a.	M18
T 19	19 27 7	20°18'07	29°56	17°36	19°35	13°21	11°38	12°18	24°56	14°30	14°37	7°52	9°22	13°41	n.a.	T 19
W20	19 31 3	21°15'54	14♌29	19°38	20°47	13°11	11°47	12°16	24°59	14°28	14°38	7°48	9°19	13°48	n.a.	W20
T 21	19 35 0	22°13'42	28°38	21°38	21°59	13° 0	11°56	12°14	25° 2	14°27	14°40	7°45	9°16	13°54	n.a.	T 21
F 22	19 38 56	23°11'32	12♍19	23°38	23°11	12°49	12° 4	12°12	25° 6	14°25	14°41	7°D45	9°13	14° 1	n.a.	F 22
S 23	19 42 53	24° 9'22	25°34	25°36	24°24	12°37	12°12	12° 9	25° 9	14°24	14°42	7°46	9° 9	14° 8	n.a.	S 23
S 24	19 46 50	25° 7'15	8♎24	27°34	25°36	12°24	12°20	12° 7	25°13	14°22	14°43	7°48	9° 6	14°15	n.a.	S 24
M25	19 50 46	26° 5'08	20°54	29°30	26°48	12°11	12°28	12° 4	25°16	14°20	14°45	7°R49	9° 3	14°21	n.a.	M25
T 26	19 54 43	27° 3'03	3♏ 7	1♌25	28° 0	11°57	12°36	12° 2	25°19	14°19	14°46	7°48	9° 0	14°28	n.a.	T 26
W27	19 58 39	28° 1'00	15° 9	3°19	29°13	11°43	12°44	11°59	25°23	14°17	14°47	7°47	8°57	14°35	n.a.	W27
T 28	20 2 36	28°58'58	27° 4	5°12	0♋25	11°28	12°52	11°56	25°26	14°16	14°48	7°43	8°53	14°41	n.a.	T 28
F 29	20 6 32	29°56'57	8♐57	7° 4	1°38	11°13	12°59	11°54	25°30	14°14	14°49	7°39	8°50	14°48	n.a.	F 29
S 30	20 10 29	0♌54'58	20°50	8°54	2°50	10°58	13° 6	11°51	25°33	14°13	14°50	7°33	8°47	14°55	n.a.	S 30
S 31	20 14 25	1♌53'01	2♑47	10♌43	4♋ 3	10♒42	13♉14	11♓48	25♌37	14♑11	14♊52	7♓26	8♓44	15♐ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n42	25s20	4s58	21n40	1s 8	18n32	1s30	22s 3	5s31	13n40	0s58	9s 7	2s24	14n23	0n45	22s49	0n 4	21n 5	1s43	8s 6	7s47	27s33		n.a.
S 2	23 40	27 31	5 2	22 4	0 54	18 50	1 28	22 6	5 35	13 43	0 58	9 7	2 24	14 22	0 45	22 49	0 4	21 5	1 43	8 11	7 49	27 34		n.a.
S 3	23 38	28 28	4 52	22 27	0 41	19 8	1 25	22 8	5 39	13 47	0 58	9 8	2 24	14 21	0 45	22 49	0 4	21 5	1 43	8 15	7 50	27 35		n.a.
M 4	23 36	28 5	4 29	22 49	0 27	19 25	1 23	22 11	5 43	13 50	0 58	9 8	2 25	14 20	0 45	22 49	0 4	21 5	1 43	8 19	7 51	27 36		n.a.
T 5	23 33	26 22	3 55	23 9	0 14	19 41	1 20	22 14	5 46	13 53	0 58	9 9	2 25	14 19	0 45	22 49	0 4	21 6	1 43	8 23	7 52	27 37		n.a.
W 6	23 30	23 24	3 9	23 29	0 1	19 58	1 17	22 17	5 50	13 57	0 58	9 9	2 25	14 18	0 45	22 50	0 4	21 6	1 43	8 26	7 53	27 38		n.a.
T 7	23 26	19 23	2 14	23 47	0n11	20 13	1 15	22 21	5 54	14 0	0 58	9 10	2 26	14 17	0 45	22 50	0 4	21 6	1 43	8 28	7 55	27 39		n.a.
F 8	23 22	14 28	1 11	24 3	0 23	20 28	1 12	22 24	5 57	14 3	0 58	9 10	2 26	14 16	0 45	22 50	0 4	21 6	1 43	8 30	7 56	27 40		n.a.
S 9	23 18	8 53	0 4	24 16	0 34	20 43	1 9	22 28	6 1	14 6	0 58	9 11	2 26	14 15	0 44	22 50	0 4	21 6	1 43	8 30	7 57	27 41		n.a.
S 10	23 13	2 49	1n 4	24 28	0 44	20 57	1 6	22 32	6 4	14 9	0 58	9 12	2 26	14 14	0 44	22 50	0 4	21 7	1 43	8 30	7 58	27 41		n.a.
M11	23 8	3n29	2 11	24 37	0 54	21 11	1 4	22 36	6 7	14 12	0 58	9 12	2 27	14 13	0 44	22 51	0 4	21 7	1 43	8 29	8 0	27 42		n.a.
T 12	23 2	9 48	3 12	24 44	1 2	21 24	1 1	22 40	6 10	14 15	0 58	9 13	2 27	14 12	0 44	22 51	0 4	21 7	1 43	8 29	8 1	27 43		n.a.
W13	22 56	15 49	4 4	24 48	1 10	21 36	0 58	22 45	6 14	14 18	0 58	9 14	2 27	14 11	0 44	22 51	0 4	21 7	1 43	8 30	8 2	27 44		n.a.
T 14	22 49	21 9	4 42	24 49	1 18	21 48	0 55	22 49	6 17	14 21	0 58	9 15	2 28	14 9	0 44	22 51	0 4	21 7	1 43	8 31	8 3	27 45		n.a.
F 15	22 42	25 21	5 3	24 47	1 24	22 0	0 52	22 54	6 20	14 24	0 59	9 15	2 28	14 8	0 44	22 51	0 4	21 8	1 43	8 33	8 4	27 46		n.a.
S 16	22 35	27 55	5 4	24 43	1 30	22 10	0 49	22 59	6 22	14 27	0 59	9 16	2 28	14 7	0 44	22 51	0 4	21 8	1 42	8 36	8 6	27 46		n.a.
S 17	22 27	28 28	4 44	24 36	1 34	22 20	0 46	23 4	6 25	14 29	0 59	9 17	2 28	14 6	0 44	22 52	0 4	21 8	1 42	8 38	8 7	27 47		n.a.
M18	22 19	26 56	4 5	24 26	1 38	22 30	0 43	23 9	6 28	14 32	0 59	9 18	2 29	14 5	0 44	22 52	0 4	21 8	1 42	8 41	8 8	27 48		n.a.
T 19	22 11	23 30	3 9	24 14	1 42	22 39	0 41	23 14	6 30	14 35	0 59	9 19	2 29	14 4	0 44	22 52	0 4	21 8	1 42	8 43	8 9	27 49		n.a.
W20	22 2	18 38	2 2	24 0	1 44	22 47	0 38	23 19	6 32	14 37	0 59	9 20	2 29	14 3	0 44	22 52	0 4	21 9	1 42	8 45	8 10	27 50		n.a.
T 21	21 52	12 52	0 49	23 43	1 46	22 55	0 35	23 24	6 35	14 40	0 59	9 21	2 29	14 2	0 44	22 52	0 4	21 9	1 42	8 46	8 12	27 50		n.a.
F 22	21 43	6 39	0s25	23 24	1 47	23 2	0 32	23 30	6 37	14 43	0 59	9 22	2 30	14 0	0 44	22 53	0 4	21 9	1 42	8 46	8 13	27 51		n.a.
S 23	21 33	0 20	1 35	23 2	1 47	23 8	0 29	23 35	6 38	14 45	0 59	9 23	2 30	13 59	0 44	22 53	0 4	21 9	1 42	8 46	8 14	27 52		n.a.
S 24	21 22	5s47	2 38	22 39	1 47	23 14	0 26	23 40	6 40	14 47	0 59	9 24	2 30	13 58	0 44	22 53	0 4	21 9	1 42	8 45	8 15	27 53		n.a.
M25	21 12	11 31	3 32	22 14	1 46	23 19	0 23	23 46	6 42	14 50	0 59	9 26	2 30	13 57	0 44	22 53	0 4	21 9	1 42	8 45	8 16	27 53		n.a.
T 26	21 0	16 42	4 15	21 47	1 45	23 23	0 20	23 51	6 43	14 52	0 59	9 27	2 31	13 56	0 44	22 53	0 4	21 10	1 42	8 45	8 18	27 54		n.a.
W27	20 49	21 8	4 46	21 19	1 43	23 27	0 17	23 56	6 44	14 54	0 59	9 28	2 31	13 55	0 44	22 54	0 4	21 10	1 42	8 45	8 19	27 55		n.a.
T 28	20 37	24 41	5 5	20 49	1 41	23 30	0 14	24 1	6 45	14 57	1 0	9 29	2 31	13 53	0 44	22 54	0 4	21 10	1 42	8 47	8 20	27 56		n.a.
F 29	20 25	27 10	5 10	20 18	1 38	23 32	0 11	24 7	6 46	14 59	1 0	9 31	2 31	13 52	0 44	22 54	0 4	21 10	1 42	8 48	8 21	27 56		n.a.
S 30	20 12	28 26	5 2	19 46	1 34	23 34	0 8	24 12	6 47	15 1	1 0	9 32	2 32	13 51	0 44	22 54	0 4	21 10	1 42	8 51	8 22	27 57		n.a.
S 31	19n59	28s23	4s40	19n13	1n31	23n35	0s 5	24s16	6s47	15n 3	1s 0	9s33	2s32	13n50	0n44	22s54	0n 4	21n10	1s42	8s53	8s24	27s58		n.a.

Julian Day Number = 1611298.5, Delta T = 03h53m07s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°14'03, Lahiri = - 8°07'02 Julian Calendar 1 July 302 BCE == Greg. Calendar 26 June 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

AUGUST 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 18 22	2♌51'05	14♑51	12♌31	5♋16	10°R26	13♉21	11°R45	25♌40	14°R10	14♊53	7°R20	8♓41	15♐ 8	n.a.	M 1
T 2	20 22 19	3°49'11	27° 3	14°17	6°29	10♒10	13°27	11♓42	25°44	14♑ 8	14°54	7♓14	8°38	15°15	n.a.	T 2
W 3	20 26 15	4°47'19	9♒24	16° 2	7°42	9°54	13°34	11°38	25°48	14° 6	14°55	7°10	8°34	15°22	n.a.	W 3
T 4	20 30 12	5°45'29	21°55	17°46	8°54	9°37	13°41	11°35	25°51	14° 5	14°56	7° 8	8°31	15°29	n.a.	T 4
F 5	20 34 8	6°43'40	4♓38	19°29	10° 7	9°21	13°47	11°32	25°55	14° 4	14°57	7°D 7	8°28	15°35	n.a.	F 5
S 6	20 38 5	7°41'53	17°33	21°11	11°20	9° 4	13°53	11°28	25°58	14° 2	14°58	7° 7	8°25	15°42	n.a.	S 6
S 7	20 42 1	8°40'09	0♈41	22°51	12°34	8°47	14° 0	11°25	26° 2	14° 1	14°59	7° 8	8°22	15°49	n.a.	S 7
M 8	20 45 58	9°38'26	14° 3	24°30	13°47	8°30	14° 6	11°21	26° 6	13°59	15° 0	7°10	8°19	15°55	n.a.	M 8
T 9	20 49 54	10°36'46	27°40	26° 8	15° 0	8°14	14°11	11°17	26° 9	13°58	15° 1	7°11	8°15	16° 2	n.a.	T 9
W10	20 53 51	11°35'08	11♉33	27°45	16°13	7°58	14°17	11°14	26°13	13°56	15° 2	7°R12	8°12	16° 9	n.a.	W10
T 11	20 57 48	12°33'33	25°41	29°21	17°27	7°41	14°22	11°10	26°17	13°55	15° 3	7°11	8° 9	16°16	n.a.	T 11
F 12	21 1 44	13°31'59	10♊ 3	0♍56	18°40	7°25	14°28	11° 6	26°20	13°54	15° 4	7°10	8° 6	16°22	n.a.	F 12
S 13	21 5 41	14°30'28	24°36	2°29	19°53	7° 9	14°33	11° 2	26°24	13°52	15° 5	7° 7	8° 3	16°29	n.a.	S 13
S 14	21 9 37	15°29'00	9♋15	4° 2	21° 7	6°54	14°38	10°58	26°28	13°51	15° 6	7° 4	7°59	16°36	n.a.	S 14
M15	21 13 34	16°27'33	23°53	5°33	22°21	6°39	14°43	10°54	26°32	13°50	15° 6	7° 1	7°56	16°42	n.a.	M15
T 16	21 17 30	17°26'09	8♌24	7° 3	23°34	6°24	14°47	10°50	26°35	13°48	15° 7	6°59	7°53	16°49	n.a.	T 16
W17	21 21 27	18°24'46	22°41	8°33	24°48	6°10	14°52	10°46	26°39	13°47	15° 8	6°58	7°50	16°56	n.a.	W17
T 18	21 25 23	19°23'26	6♍41	10° 1	26° 2	5°56	14°56	10°41	26°43	13°46	15° 9	6°D57	7°47	17° 3	n.a.	T 18
F 19	21 29 20	20°22'07	20°18	11°27	27°15	5°43	15° 0	10°37	26°47	13°44	15°10	6°58	7°44	17° 9	n.a.	F 19
S 20	21 33 17	21°20'50	3♎32	12°53	28°29	5°30	15° 4	10°33	26°51	13°43	15°10	6°58	7°40	17°16	n.a.	S 20
S 21	21 37 13	22°19'36	16°25	14°18	29°43	5°18	15° 7	10°28	26°54	13°42	15°11	7° 0	7°37	17°23	n.a.	S 21
M22	21 41 10	23°18'23	28°57	15°41	0♌57	5° 7	15°11	10°24	26°58	13°41	15°12	7° 1	7°34	17°30	n.a.	M22
T 23	21 45 6	24°17'12	11♏13	17° 3	2°11	4°56	15°14	10°20	27° 2	13°40	15°12	7° 2	7°31	17°36	n.a.	T 23
W24	21 49 3	25°16'03	23°17	18°24	3°25	4°46	15°17	10°15	27° 6	13°39	15°13	7°R 2	7°28	17°43	n.a.	W24
T 25	21 52 59	26°14'55	5♐13	19°44	4°39	4°37	15°20	10°10	27° 9	13°37	15°14	7° 2	7°25	17°50	n.a.	T 25
F 26	21 56 56	27°13'50	17° 6	21° 2	5°53	4°28	15°23	10° 6	27°13	13°36	15°14	7° 1	7°21	17°56	n.a.	F 26
S 27	22 0 52	28°12'47	29° 0	22°19	7° 7	4°20	15°26	10° 1	27°17	13°35	15°15	7° 0	7°18	18° 3	n.a.	S 27
S 28	22 4 49	29°11'45	11♑ 0	23°34	8°22	4°13	15°28	9°57	27°21	13°34	15°16	6°59	7°15	18°10	n.a.	S 28
M29	22 8 46	0♍10'45	23° 9	24°48	9°36	4° 6	15°30	9°52	27°25	13°33	15°16	6°58	7°12	18°17	n.a.	M29
T 30	22 12 42	1° 9'48	5♒29	26° 0	10°50	4° 1	15°32	9°47	27°28	13°32	15°17	6°58	7° 9	18°23	n.a.	T 30
W31	22 16 39	2♍ 8'52	18♒ 3	27♍11	12♌ 5	3♒56	15♉34	9♓43	27♌32	13♑31	15♊17	6♓57	7♓ 5	18♐30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19n46	26s59	4s 7	18n38	1n26	23n35	0s 2	24s21	6s47	15n 5	1s 0	9s35	2s32	13n49	0n44	22s54	0n 4	21n11	1s42	8s55	8s25	27s58			n.a.
T 2	19 32	24 17	3 21	18 3	1 22	23 35	0n 0	24 26	6 47	15 7	1 0	9 36	2 32	13 47	0 44	22 55	0 4	21 11	1 42	8 57	8 26	27 59			n.a.
W 3	19 18	20 27	2 26	17 27	1 17	23 34	0 3	24 30	6 47	15 9	1 0	9 38	2 33	13 46	0 44	22 55	0 4	21 11	1 42	8 59	8 27	28 0			n.a.
T 4	19 4	15 40	1 22	16 50	1 12	23 32	0 6	24 35	6 47	15 11	1 0	9 39	2 33	13 45	0 44	22 55	0 4	21 11	1 42	9 0	8 29	28 0			n.a.
F 5	18 49	10 8	0 14	16 12	1 6	23 29	0 9	24 39	6 46	15 13	1 0	9 41	2 33	13 44	0 44	22 55	0 4	21 11	1 42	9 0	8 30	28 1			n.a.
S 6	18 34	4 7	0n57	15 34	1 1	23 26	0 12	24 43	6 45	15 15	1 0	9 42	2 33	13 42	0 44	22 55	0 4	21 11	1 42	9 0	8 31	28 2			n.a.
S 7	18 19	2n11	2 6	14 56	0 55	23 22	0 14	24 46	6 44	15 16	1 0	9 44	2 33	13 41	0 44	22 55	0 4	21 11	1 42	9 0	8 32	28 2			n.a.
M 8	18 3	8 30	3 9	14 16	0 48	23 18	0 17	24 50	6 43	15 18	1 1	9 45	2 34	13 40	0 44	22 56	0 4	21 12	1 42	8 59	8 33	28 3			n.a.
T 9	17 47	14 32	4 2	13 37	0 42	23 12	0 20	24 53	6 42	15 20	1 1	9 47	2 34	13 38	0 44	22 56	0 4	21 12	1 42	8 59	8 35	28 4			n.a.
W10	17 31	19 58	4 43	12 57	0 35	23 6	0 22	24 56	6 40	15 21	1 1	9 49	2 34	13 37	0 44	22 56	0 4	21 12	1 42	8 58	8 36	28 4			n.a.
T 11	17 15	24 23	5 8	12 17	0 28	23 0	0 25	24 59	6 39	15 23	1 1	9 50	2 34	13 36	0 44	22 56	0 4	21 12	1 42	8 59	8 37	28 5			n.a.
F 12	16 58	27 24	5 14	11 37	0 21	22 52	0 28	25 1	6 37	15 24	1 1	9 52	2 34	13 35	0 44	22 56	0 4	21 12	1 42	8 59	8 38	28 5			n.a.
S 13	16 41	28 37	5 0	10 56	0 14	22 44	0 30	25 3	6 35	15 26	1 1	9 54	2 35	13 33	0 44	22 56	0 4	21 12	1 42	9 0	8 39	28 6			n.a.
S 14	16 23	27 50	4 26	10 16	0 7	22 35	0 33	25 5	6 32	15 27	1 1	9 55	2 35	13 32	0 44	22 57	0 4	21 12	1 42	9 1	8 41	28 7			n.a.
M15	16 6	25 8	3 35	9 35	0s 0	22 26	0 35	25 7	6 30	15 29	1 1	9 57	2 35	13 31	0 44	22 57	0 4	21 12	1 42	9 2	8 42	28 7			n.a.
T 16	15 48	20 49	2 31	8 54	0 8	22 16	0 37	25 8	6 27	15 30	1 1	9 59	2 35	13 29	0 44	22 57	0 4	21 13	1 42	9 3	8 43	28 8			n.a.
W17	15 30	15 21	1 18	8 14	0 16	22 5	0 40	25 9	6 24	15 31	1 1	10 1	2 35	13 28	0 44	22 57	0 4	21 13	1 42	9 4	8 44	28 8			n.a.
T 18	15 11	9 12	0 2	7 33	0 23	21 54	0 42	25 10	6 22	15 32	1 1	10 2	2 35	13 27	0 44	22 57	0 4	21 13	1 42	9 4	8 45	28 9			n.a.
F 19	14 53	2 46	1s13	6 53	0 31	21 42	0 44	25 11	6 19	15 33	1 2	10 4	2 35	13 26	0 44	22 57	0 4	21 13	1 42	9 4	8 47	28 9			n.a.
S 20	14 34	3s35	2 22	6 12	0 39	21 29	0 47	25 11	6 15	15 34	1 2	10 6	2 36	13 24	0 44	22 57	0 4	21 13	1 41	9 3	8 48	28 10			n.a.
S 21	14 14	9 37	3 21	5 32	0 47	21 15	0 49	25 11	6 12	15 35	1 2	10 8	2 36	13 23	0 44	22 58	0 4	21 13	1 41	9 3	8 49	28 10			n.a.
M22	13 55	15 7	4 9	4 52	0 55	21 1	0 51	25 10	6 9	15 36	1 2	10 10	2 36	13 22	0 44	22 58	0 4	21 13	1 41	9 3	8 50	28 11			n.a.
T 23	13 35	19 53	4 45	4 13	1 3	20 47	0 53	25 10	6 5	15 37	1 2	10 11	2 36	13 20	0 44	22 58	0 4	21 13	1 41	9 2	8 51	28 11			n.a.
W24	13 15	23 46	5 7	3 34	1 11	20 31	0 55	25 9	6 1	15 38	1 2	10 13	2 36	13 19	0 44	22 58	0 4	21 13	1 41	9 2	8 52	28 12			n.a.
T 25	12 55	26 37	5 16	2 55	1 19	20 16	0 57	25 7	5 58	15 39	1 2	10 15	2 36	13 18	0 44	22 58	0 3	21 13	1 41	9 2	8 54	28 12			n.a.
F 26	12 35	28 16	5 11	2 16	1 26	19 59	0 59	25 6	5 54	15 40	1 2	10 17	2 36	13 16	0 44	22 58	0 3	21 14	1 41	9 2	8 55	28 13			n.a.
S 27	12 14	28 37	4 53	1 39	1 34	19 42	1 1	25 4	5 50	15 40	1 2	10 19	2 36	13 15	0 44	22 58	0 3	21 14	1 41	9 3	8 56	28 13			n.a.
S 28	11 54	27 38	4 22	1 1	1 42	19 24	1 3	25 2	5 46	15 41	1 2	10 21	2 37	13 14	0 44	22 59	0 3	21 14	1 41	9 3	8 57	28 14			n.a.
M29	11 33	25 19	3 39	0 25	1 50	19 6	1 5	24 59	5 42	15 41	1 3	10 23	2 37	13 12	0 44	22 59	0 3	21 14	1 41	9 4	8 58	28 14			n.a.
T 30	11 12	21 48	2 46	0s11	1 57	18 47	1 6	24 57	5 37	15 42	1 3	10 24	2 37	13 11	0 44	22 59	0 3	21 14	1 41	9 4	9 0	28 15			n.a.
W31	10n50	17s14	1s43	0s46	2s 5	18n28	1n 8	24s54	5s33	15n42	1s 3	10s26	2s37	13n10	0n44	22s59	0n 3	21n14	1s41	9s 4	9s 1	28s15			n.a.

Julian Day Number = 1611329.5, Delta T = 03h53m06s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'58, Lahiri = - 8°06'58 Julian Calendar 1 Aug. 302 BCE == Greg. Calendar 27 July 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

SEPTEMBER 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 20 35	3♍ 7'58	0♓52	28♍19	13♌19	3°R51	15♉36	9°R38	27♌36	13°R30	15♊18	6°D57	7♓ 2	18♐37	n.a.	T 1
F 2	22 24 32	4° 7'06	13°56	29°26	14°33	3♒48	15°37	9♓33	27°40	13♑30	15°18	6♓57	6°59	18°43	n.a.	F 2
S 3	22 28 28	5° 6'17	27°14	0♎31	15°48	3°46	15°39	9°29	27°44	13°29	15°19	6°57	6°56	18°50	n.a.	S 3
S 4	22 32 25	6° 5'30	10♈46	1°33	17° 2	3°44	15°40	9°24	27°47	13°28	15°19	6°57	6°53	18°57	n.a.	S 4
M 5	22 36 21	7° 4'45	24°30	2°32	18°17	3°43	15°40	9°19	27°51	13°27	15°19	6°R57	6°50	19° 4	n.a.	M 5
T 6	22 40 18	8° 4'03	8♉24	3°29	19°32	3°D43	15°41	9°14	27°55	13°26	15°20	6°57	6°46	19°10	n.a.	T 6
W 7	22 44 14	9° 3'23	22°27	4°23	20°46	3°43	15°42	9°10	27°59	13°26	15°20	6°57	6°43	19°17	n.a.	W 7
T 8	22 48 11	10° 2'45	6♊36	5°14	22° 1	3°44	15°42	9° 5	28° 2	13°25	15°20	6°D57	6°40	19°24	n.a.	T 8
F 9	22 52 8	11° 2'10	20°49	6° 1	23°16	3°47	15°R42	9° 0	28° 6	13°24	15°21	6°57	6°37	19°31	n.a.	F 9
S 10	22 56 4	12° 1'38	5♋ 3	6°45	24°30	3°49	15°42	8°55	28°10	13°23	15°21	6°57	6°34	19°37	n.a.	S 10
S 11	23 0 1	13° 1'08	19°17	7°24	25°45	3°53	15°41	8°50	28°13	13°23	15°21	6°58	6°31	19°44	n.a.	S 11
M12	23 3 57	14° 0'40	3♌27	7°59	27° 0	3°58	15°41	8°46	28°17	13°22	15°21	6°58	6°27	19°51	n.a.	M12
T 13	23 7 54	15° 0'15	17°29	8°28	28°15	4° 3	15°40	8°41	28°21	13°22	15°22	6°59	6°24	19°57	n.a.	T 13
W14	23 11 50	15°59'52	1♍21	8°52	29°30	4° 9	15°39	8°36	28°24	13°21	15°22	6°R59	6°21	20° 4	n.a.	W14
T 15	23 15 47	16°59'30	15° 0	9°10	0♍45	4°16	15°38	8°32	28°28	13°21	15°22	6°59	6°18	20°11	n.a.	T 15
F 16	23 19 43	17°59'12	28°23	9°22	2° 0	4°23	15°36	8°27	28°32	13°20	15°22	6°59	6°15	20°18	n.a.	F 16
S 17	23 23 40	18°58'55	11♎29	9°R26	3°15	4°31	15°35	8°22	28°35	13°20	15°22	6°57	6°11	20°24	n.a.	S 17
S 18	23 27 37	19°58'40	24°17	9°23	4°30	4°40	15°33	8°18	28°39	13°19	15°22	6°56	6° 8	20°31	n.a.	S 18
M19	23 31 33	20°58'27	6♏48	9°11	5°45	4°50	15°31	8°13	28°43	13°19	15°22	6°54	6° 5	20°38	n.a.	M19
T 20	23 35 30	21°58'16	19° 4	8°51	7° 0	5° 0	15°29	8° 8	28°46	13°18	15°22	6°51	6° 2	20°44	n.a.	T 20
W21	23 39 26	22°58'07	1♐ 9	8°23	8°15	5°11	15°26	8° 4	28°50	13°18	15°R22	6°50	5°59	20°51	n.a.	W21
T 22	23 43 23	23°58'00	13° 5	7°45	9°30	5°23	15°24	7°59	28°53	13°18	15°22	6°48	5°56	20°58	n.a.	T 22
F 23	23 47 19	24°57'54	24°58	6°59	10°45	5°35	15°21	7°55	28°57	13°18	15°22	6°D48	5°52	21° 5	n.a.	F 23
S 24	23 51 16	25°57'51	6♑51	6° 4	12° 0	5°48	15°18	7°51	29° 0	13°17	15°22	6°48	5°49	21°11	n.a.	S 24
S 25	23 55 12	26°57'49	18°50	5° 2	13°16	6° 2	15°15	7°46	29° 4	13°17	15°22	6°50	5°46	21°18	n.a.	S 25
M26	23 59 9	27°57'49	1♒ 0	3°53	14°31	6°16	15°12	7°42	29° 7	13°17	15°22	6°51	5°43	21°25	n.a.	M26
T 27	0 3 5	28°57'50	13°24	2°39	15°46	6°31	15° 8	7°38	29°11	13°17	15°22	6°53	5°40	21°31	n.a.	T 27
W28	0 7 2	29°57'54	26° 7	1°23	17° 1	6°47	15° 4	7°33	29°14	13°17	15°22	6°54	5°36	21°38	n.a.	W28
T 29	0 10 59	0♎57'59	9♓ 9	0° 6	18°17	7° 3	15° 0	7°29	29°17	13°17	15°22	6°R54	5°33	21°45	n.a.	T 29
F 30	0 14 55	1♎58'06	22♓32	28♍50	19♍32	7♒19	14♉56	7♓25	29♌21	13°D17	15♊21	6♓54	5♓30	21♐52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n29	11s49	0s34	1s21	2s12	18n 8	1n10	24s51	5s29	15n43	1s 3	10s28	2s37	13n 8	0n44	22s59	0n 3	21n14	1s41	9s 4	9s 2	28s16		n.a.
F 2	10 7	5 48	0n39	1 54	2 19	17 48	1 11	24 47	5 25	15 43	1 3	10 30	2 37	13 7	0 44	22 59	0 3	21 14	1 41	9 4	9 3	28 16		n.a.
S 3	9 45	0n34	1 50	2 26	2 26	17 27	1 13	24 44	5 20	15 43	1 3	10 32	2 37	13 6	0 44	22 59	0 3	21 14	1 41	9 4	9 4	28 16		n.a.
S 4	9 23	7 1	2 57	2 58	2 33	17 6	1 14	24 40	5 16	15 43	1 3	10 34	2 37	13 5	0 44	22 59	0 3	21 14	1 41	9 4	9 6	28 17		n.a.
M 5	9 1	13 14	3 54	3 28	2 40	16 44	1 15	24 36	5 11	15 44	1 3	10 36	2 37	13 3	0 44	22 59	0 3	21 14	1 41	9 4	9 7	28 17		n.a.
T 6	8 39	18 52	4 39	3 56	2 46	16 21	1 17	24 32	5 7	15 44	1 3	10 38	2 37	13 2	0 44	22 59	0 3	21 14	1 41	9 4	9 8	28 18		n.a.
W 7	8 16	23 33	5 7	4 23	2 52	15 59	1 18	24 27	5 3	15 44	1 3	10 39	2 37	13 1	0 44	23 0	0 3	21 14	1 41	9 4	9 9	28 18		n.a.
T 8	7 54	26 53	5 17	4 49	2 57	15 35	1 19	24 23	4 58	15 44	1 3	10 41	2 37	12 59	0 44	23 0	0 3	21 15	1 41	9 4	9 10	28 18		n.a.
F 9	7 31	28 32	5 8	5 13	3 3	15 11	1 20	24 18	4 54	15 44	1 4	10 43	2 37	12 58	0 44	23 0	0 3	21 15	1 41	9 4	9 12	28 19		n.a.
S 10	7 8	28 18	4 40	5 34	3 7	14 47	1 21	24 13	4 49	15 44	1 4	10 45	2 37	12 57	0 44	23 0	0 3	21 15	1 41	9 4	9 13	28 19		n.a.
S 11	6 45	26 12	3 55	5 54	3 11	14 23	1 22	24 7	4 45	15 43	1 4	10 47	2 37	12 55	0 44	23 0	0 3	21 15	1 41	9 4	9 14	28 20		n.a.
M12	6 22	22 28	2 55	6 11	3 15	13 58	1 23	24 2	4 40	15 43	1 4	10 49	2 37	12 54	0 44	23 0	0 3	21 15	1 41	9 4	9 15	28 20		n.a.
T 13	5 59	17 28	1 46	6 25	3 18	13 32	1 24	23 56	4 36	15 43	1 4	10 50	2 37	12 53	0 44	23 0	0 3	21 15	1 41	9 3	9 16	28 20		n.a.
W14	5 35	11 36	0 31	6 36	3 20	13 6	1 25	23 51	4 31	15 42	1 4	10 52	2 37	12 52	0 44	23 0	0 3	21 15	1 41	9 3	9 18	28 21		n.a.
T 15	5 12	5 18	0s44	6 45	3 21	12 40	1 25	23 45	4 27	15 42	1 4	10 54	2 37	12 50	0 44	23 0	0 3	21 15	1 41	9 3	9 19	28 21		n.a.
F 16	4 48	1s 7	1 56	6 49	3 21	12 14	1 26	23 39	4 23	15 42	1 4	10 56	2 37	12 49	0 44	23 0	0 3	21 15	1 41	9 3	9 20	28 21		n.a.
S 17	4 25	7 20	2 59	6 50	3 20	11 47	1 26	23 32	4 18	15 41	1 4	10 58	2 37	12 48	0 44	23 0	0 3	21 15	1 41	9 4	9 21	28 21		n.a.
S 18	4 1	13 7	3 52	6 47	3 17	11 20	1 27	23 26	4 14	15 40	1 4	10 59	2 37	12 47	0 44	23 0	0 3	21 15	1 41	9 5	9 22	28 22		n.a.
M19	3 37	18 15	4 33	6 39	3 14	10 52	1 27	23 19	4 9	15 40	1 4	11 1	2 37	12 45	0 44	23 0	0 3	21 15	1 41	9 5	9 23	28 22		n.a.
T 20	3 13	22 31	5 0	6 26	3 8	10 24	1 28	23 13	4 5	15 39	1 4	11 3	2 37	12 44	0 44	23 0	0 3	21 15	1 41	9 6	9 25	28 22		n.a.
W21	2 49	25 45	5 14	6 8	3 2	9 56	1 28	23 6	4 1	15 38	1 4	11 4	2 37	12 43	0 44	23 1	0 3	21 15	1 41	9 7	9 26	28 23		n.a.
T 22	2 25	27 50	5 14	5 45	2 53	9 28	1 28	22 59	3 57	15 38	1 5	11 6	2 37	12 42	0 44	23 1	0 3	21 15	1 41	9 7	9 27	28 23		n.a.
F 23	2 1	28 38	5 0	5 17	2 42	8 59	1 28	22 51	3 52	15 37	1 5	11 8	2 37	12 40	0 44	23 1	0 3	21 15	1 41	9 7	9 28	28 23		n.a.
S 24	1 37	28 6	4 33	4 44	2 30	8 30	1 28	22 44	3 48	15 36	1 5	11 9	2 37	12 39	0 44	23 1	0 3	21 15	1 41	9 7	9 29	28 23		n.a.
S 25	1 13	26 16	3 55	4 5	2 16	8 1	1 28	22 36	3 44	15 35	1 5	11 11	2 37	12 38	0 44	23 1	0 3	21 15	1 41	9 7	9 31	28 24		n.a.
M26	0 49	23 11	3 5	3 23	1 59	7 32	1 28	22 29	3 40	15 34	1 5	11 12	2 37	12 37	0 44	23 1	0 3	21 15	1 41	9 6	9 32	28 24		n.a.
T 27	0 25	19 0	2 6	2 37	1 42	7 2	1 28	22 21	3 36	15 33	1 5	11 14	2 37	12 35	0 44	23 1	0 3	21 15	1 41	9 6	9 33	28 24		n.a.
W28	0 1	13 54	0 59	1 49	1 23	6 32	1 28	22 13	3 32	15 31	1 5	11 16	2 37	12 34	0 44	23 1	0 3	21 15	1 41	9 5	9 34	28 24		n.a.
T 29	0s23	8 3	0n12	1 0	1 3	6 2	1 28	22 5	3 28	15 30	1 5	11 17	2 37	12 33	0 44	23 1	0 3	21 15	1 41	9 5	9 35	28 24		n.a.
F 30	0s48	1s42	1n25	0s11	0s42	5n32	1n27	21s57	3s24	15n29	1s 5	11s19	2s37	12n32	0n44	23s 1	0n 3	21n15	1s41	9s 5	9s36	28s25		n.a.

Julian Day Number = 1611360.5, Delta T = 03h53m05s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'54, Lahiri = - 8°06'54 Julian Calendar 1 Sept. 302 BCE == Greg. Calendar 27 Aug. 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

OCTOBER 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 18 52	2♎58'14	6♈15	27°R39	20♍47	7♒37	14°R52	7°R21	29♌24	13♑17	15°R21	6°R51	5♓27	21♐58	n.a.	S 1
S 2	0 22 48	3°58'25	20°15	26♍34	22° 3	7°54	14♉48	7♓17	29°27	13°17	15♊21	6♓48	5°24	22° 5	n.a.	S 2
M 3	0 26 45	4°58'38	4♉29	25°37	23°18	8°13	14°43	7°13	29°31	13°17	15°21	6°44	5°21	22°12	n.a.	M 3
T 4	0 30 41	5°58'53	18°50	24°50	24°33	8°31	14°38	7° 9	29°34	13°17	15°20	6°40	5°17	22°18	n.a.	T 4
W 5	0 34 38	6°59'10	3♊14	24°14	25°49	8°51	14°33	7° 5	29°37	13°17	15°20	6°36	5°14	22°25	n.a.	W 5
T 6	0 38 34	7°59'29	17°36	23°49	27° 4	9°10	14°28	7° 2	29°40	13°17	15°20	6°33	5°11	22°32	n.a.	T 6
F 7	0 42 31	8°59'50	1♋52	23°36	28°20	9°31	14°23	6°58	29°43	13°18	15°19	6°31	5° 8	22°39	n.a.	F 7
S 8	0 46 28	10° 0'14	15°59	23°D35	29°35	9°51	14°17	6°54	29°47	13°18	15°19	6°D31	5° 5	22°45	n.a.	S 8
S 9	0 50 24	11° 0'39	29°57	23°45	0♎50	10°13	14°12	6°51	29°50	13°18	15°18	6°32	5° 2	22°52	n.a.	S 9
M10	0 54 21	12° 1'07	13♌44	24° 5	2° 6	10°34	14° 6	6°47	29°53	13°18	15°18	6°34	4°58	22°59	n.a.	M10
T 11	0 58 17	13° 1'37	27°20	24°34	3°21	10°56	14° 0	6°44	29°56	13°19	15°17	6°35	4°55	23° 6	n.a.	T 11
W12	1 2 14	14° 2'08	10♍45	25°13	4°37	11°19	13°54	6°41	29°59	13°19	15°17	6°R35	4°52	23°12	n.a.	W12
T 13	1 6 10	15° 2'41	23°59	25°59	5°52	11°42	13°47	6°37	0♍ 2	13°20	15°16	6°34	4°49	23°19	n.a.	T 13
F 14	1 10 7	16° 3'16	7♎ 0	26°52	7° 8	12° 5	13°41	6°34	0° 5	13°20	15°16	6°30	4°46	23°26	n.a.	F 14
S 15	1 14 3	17° 3'53	19°50	27°51	8°24	12°29	13°34	6°31	0° 8	13°20	15°15	6°25	4°42	23°32	n.a.	S 15
S 16	1 18 0	18° 4'31	2♏26	28°56	9°39	12°53	13°28	6°28	0°10	13°21	15°15	6°18	4°39	23°39	n.a.	S 16
M17	1 21 57	19° 5'11	14°51	0♎ 5	10°55	13°17	13°21	6°25	0°13	13°22	15°14	6° 9	4°36	23°46	n.a.	M17
T 18	1 25 53	20° 5'52	27° 3	1°18	12°10	13°42	13°14	6°23	0°16	13°22	15°14	6° 1	4°33	23°53	n.a.	T 18
W19	1 29 50	21° 6'35	9♐ 5	2°35	13°26	14° 8	13° 7	6°20	0°19	13°23	15°13	5°53	4°30	23°59	n.a.	W19
T 20	1 33 46	22° 7'19	21° 0	3°54	14°41	14°33	13° 0	6°17	0°21	13°23	15°12	5°47	4°27	24° 6	n.a.	T 20
F 21	1 37 43	23° 8'05	2♑51	5°16	15°57	14°59	12°53	6°15	0°24	13°24	15°12	5°42	4°23	24°13	n.a.	F 21
S 22	1 41 39	24° 8'51	14°42	6°40	17°12	15°26	12°45	6°13	0°27	13°25	15°11	5°40	4°20	24°19	n.a.	S 22
S 23	1 45 36	25° 9'39	26°38	8° 5	18°28	15°52	12°38	6°10	0°29	13°26	15°10	5°D39	4°17	24°26	n.a.	S 23
M24	1 49 32	26°10'28	8♒45	9°32	19°44	16°19	12°30	6° 8	0°32	13°26	15° 9	5°40	4°14	24°33	n.a.	M24
T 25	1 53 29	27°11'18	21° 7	11° 1	20°59	16°46	12°23	6° 6	0°34	13°27	15° 9	5°41	4°11	24°40	n.a.	T 25
W26	1 57 26	28°12'09	3♓49	12°30	22°15	17°14	12°15	6° 4	0°37	13°28	15° 8	5°R42	4° 8	24°46	n.a.	W26
T 27	2 1 22	29°13'01	16°55	14° 0	23°30	17°42	12° 7	6° 2	0°39	13°29	15° 7	5°41	4° 4	24°53	n.a.	T 27
F 28	2 5 19	0♏13'54	0♈28	15°31	24°46	18°10	11°59	6° 0	0°42	13°30	15° 6	5°39	4° 1	25° 0	n.a.	F 28
S 29	2 9 15	1°14'48	14°26	17° 2	26° 2	18°38	11°51	5°59	0°44	13°31	15° 5	5°33	3°58	25° 6	n.a.	S 29
S 30	2 13 12	2°15'43	28°49	18°34	27°17	19° 7	11°44	5°57	0°46	13°32	15° 4	5°26	3°55	25°13	n.a.	S 30
M31	2 17 8	3♏16'39	13♉30	20♎ 6	28♎33	19♒36	11♉36	5♓56	0♍49	13♑33	15♊ 4	5♓17	3♓52	25♐20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1s12	4n52	2n34	0n37	0s21	5n 2	1n27	21s49	3s20	15n28	1s 5	11s20	2s37	12n31	0n44	23s 1	0n 3	21n15	1s41	9s 6	9s38	28s25		n.a.
S 2	1 36	11 20	3 35	1 22	0 1	4 31	1 27	21 40	3 16	15 26	1 5	11 21	2 36	12 30	0 44	23 1	0 3	21 15	1 41	9 7	9 39	28 25		n.a.
M 3	2 0	17 19	4 24	2 3	0n19	4 0	1 26	21 32	3 12	15 25	1 5	11 23	2 36	12 29	0 44	23 1	0 3	21 15	1 41	9 9	9 40	28 25		n.a.
T 4	2 24	22 24	4 57	2 39	0 37	3 30	1 25	21 23	3 9	15 23	1 5	11 24	2 36	12 27	0 44	23 1	0 3	21 15	1 41	9 11	9 41	28 25		n.a.
W 5	2 48	26 9	5 12	3 9	0 54	2 59	1 25	21 14	3 5	15 22	1 5	11 26	2 36	12 26	0 44	23 1	0 3	21 15	1 41	9 12	9 42	28 25		n.a.
T 6	3 12	28 14	5 6	3 33	1 10	2 28	1 24	21 5	3 1	15 20	1 5	11 27	2 36	12 25	0 44	23 1	0 3	21 15	1 41	9 13	9 44	28 25		n.a.
F 7	3 37	28 26	4 42	3 51	1 24	1 57	1 23	20 56	2 58	15 19	1 5	11 28	2 36	12 24	0 44	23 1	0 3	21 15	1 41	9 14	9 45	28 26		n.a.
S 8	4 1	26 45	4 1	4 3	1 36	1 26	1 22	20 47	2 54	15 17	1 5	11 29	2 36	12 23	0 45	23 1	0 3	21 15	1 40	9 14	9 46	28 26		n.a.
S 9	4 25	23 27	3 6	4 8	1 46	0 54	1 22	20 38	2 50	15 15	1 5	11 31	2 36	12 22	0 45	23 1	0 3	21 15	1 40	9 13	9 47	28 26		n.a.
M10	4 48	18 50	2 1	4 8	1 55	0 23	1 21	20 29	2 47	15 14	1 5	11 32	2 35	12 21	0 45	23 1	0 3	21 15	1 40	9 13	9 48	28 26		n.a.
T 11	5 12	13 20	0 50	4 3	2 2	0s 8	1 20	20 19	2 44	15 12	1 5	11 33	2 35	12 20	0 45	23 1	0 3	21 15	1 40	9 12	9 49	28 26		n.a.
W12	5 36	7 17	0s23	3 52	2 8	0 39	1 19	20 10	2 40	15 10	1 5	11 34	2 35	12 19	0 45	23 1	0 3	21 15	1 40	9 12	9 51	28 26		n.a.
T 13	6 0	1 0	1 33	3 38	2 12	1 11	1 17	20 0	2 37	15 8	1 5	11 35	2 35	12 18	0 45	23 1	0 3	21 15	1 40	9 13	9 52	28 26		n.a.
F 14	6 23	5s13	2 37	3 19	2 15	1 42	1 16	19 50	2 33	15 6	1 5	11 36	2 35	12 17	0 45	23 1	0 3	21 15	1 40	9 14	9 53	28 26		n.a.
S 15	6 47	11 7	3 33	2 57	2 16	2 13	1 15	19 40	2 30	15 4	1 5	11 37	2 35	12 16	0 45	23 1	0 3	21 15	1 40	9 16	9 54	28 26		n.a.
S 16	7 10	16 28	4 16	2 31	2 17	2 45	1 14	19 30	2 27	15 2	1 5	11 38	2 35	12 15	0 45	23 1	0 3	21 15	1 40	9 19	9 55	28 26		n.a.
M17	7 34	21 3	4 47	2 3	2 16	3 16	1 12	19 20	2 24	15 0	1 5	11 39	2 34	12 14	0 45	23 1	0 3	21 15	1 40	9 22	9 56	28 26		n.a.
T 18	7 57	24 40	5 4	1 32	2 15	3 47	1 11	19 9	2 21	14 58	1 5	11 40	2 34	12 13	0 45	23 0	0 3	21 15	1 40	9 25	9 58	28 27		n.a.
W19	8 20	27 8	5 7	1 0	2 13	4 18	1 9	18 59	2 17	14 56	1 5	11 41	2 34	12 12	0 45	23 0	0 3	21 15	1 40	9 28	9 59	28 27		n.a.
T 20	8 43	28 22	4 57	0 25	2 11	4 49	1 8	18 48	2 14	14 54	1 5	11 41	2 34	12 11	0 45	23 0	0 3	21 15	1 40	9 30	10 0	28 27		n.a.
F 21	9 6	28 16	4 34	0s10	2 7	5 20	1 6	18 38	2 11	14 52	1 5	11 42	2 34	12 10	0 45	23 0	0 3	21 14	1 40	9 32	10 1	28 27		n.a.
S 22	9 29	26 53	4 0	0 47	2 3	5 51	1 5	18 27	2 8	14 50	1 5	11 43	2 34	12 9	0 45	23 0	0 3	21 14	1 40	9 33	10 2	28 27		n.a.
S 23	9 51	24 16	3 14	1 26	1 59	6 21	1 3	18 16	2 5	14 47	1 5	11 44	2 33	12 8	0 45	23 0	0 3	21 14	1 40	9 33	10 3	28 27		n.a.
M24	10 14	20 32	2 20	2 5	1 54	6 52	1 1	18 5	2 3	14 45	1 5	11 44	2 33	12 7	0 45	23 0	0 3	21 14	1 40	9 33	10 5	28 27		n.a.
T 25	10 36	15 52	1 18	2 44	1 49	7 22	1 0	17 54	2 0	14 43	1 5	11 45	2 33	12 6	0 45	23 0	0 3	21 14	1 40	9 32	10 6	28 27		n.a.
W26	10 58	10 23	0 10	3 24	1 44	7 52	0 58	17 43	1 57	14 41	1 5	11 45	2 33	12 6	0 45	23 0	0 3	21 14	1 40	9 32	10 7	28 27		n.a.
T 27	11 20	4 19	1n 0	4 5	1 38	8 22	0 56	17 32	1 54	14 38	1 5	11 46	2 33	12 5	0 45	23 0	0 3	21 14	1 40	9 32	10 8	28 26		n.a.
F 28	11 42	2n 9	2 9	4 46	1 32	8 52	0 54	17 20	1 51	14 36	1 5	11 47	2 32	12 4	0 45	23 0	0 3	21 14	1 40	9 33	10 9	28 26		n.a.
S 29	12 3	8 42	3 12	5 27	1 26	9 22	0 52	17 9	1 49	14 34	1 4	11 47	2 32	12 3	0 45	23 0	0 3	21 14	1 40	9 35	10 11	28 26		n.a.
S 30	12 24	14 59	4 5	6 8	1 20	9 51	0 50	16 57	1 46	14 31	1 4	11 47	2 32	12 2	0 45	23 0	0 3	21 14	1 40	9 38	10 12	28 26		n.a.
M31	12s46	20n34	4n42	6s49	1n14	10s20	0n48	16s45	1s43	14n29	1s 4	11s48	2s32	12n 2	0n45	23s 0	0n 3	21n14	1s40	9s41	10s13	28s26		n.a.

Julian Day Number = 1611390.5, Delta T = 03h53m03s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'50, Lahiri = - 8°06'50 Julian Calendar 1 Oct. 302 BCE == Greg. Calendar 26 Sept. 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

NOVEMBER 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 21 5	4♏17'37	28♉20	21♎38	29♎48	20♒ 5	11°R27	5°R54	0♍51	13♑34	15°R 3	5°R 7	3♓48	25♐27	n.a.	T 1
W 2	2 25 1	5°18'36	13♊13	23°11	1♏ 4	20°35	11♉19	5♓53	0°53	13°35	15♊ 2	4♓58	3°45	25°33	n.a.	W 2
T 3	2 28 58	6°19'36	27°58	24°44	2°20	21° 4	11°11	5°52	0°55	13°36	15° 1	4°51	3°42	25°40	n.a.	T 3
F 4	2 32 55	7°20'38	12♋30	26°17	3°35	21°34	11° 3	5°51	0°57	13°37	15° 0	4°46	3°39	25°47	n.a.	F 4
S 5	2 36 51	8°21'41	26°44	27°50	4°51	22° 4	10°55	5°50	0°59	13°38	14°59	4°43	3°36	25°53	n.a.	S 5
S 6	2 40 48	9°22'45	10♌40	29°23	6° 6	22°35	10°47	5°49	1° 1	13°40	14°58	4°D43	3°33	26° 0	n.a.	S 6
M 7	2 44 44	10°23'50	24°17	0♏56	7°22	23° 5	10°39	5°48	1° 3	13°41	14°57	4°43	3°29	26° 7	n.a.	M 7
T 8	2 48 41	11°24'57	7♍37	2°30	8°38	23°36	10°30	5°47	1° 5	13°42	14°56	4°R43	3°26	26°14	n.a.	T 8
W 9	2 52 37	12°26'04	20°41	4° 3	9°53	24° 7	10°22	5°47	1° 7	13°43	14°55	4°42	3°23	26°20	n.a.	W 9
T 10	2 56 34	13°27'12	3♎33	5°37	11° 9	24°38	10°14	5°47	1° 8	13°45	14°54	4°39	3°20	26°27	n.a.	T 10
F 11	3 0 30	14°28'22	16°14	7°10	12°24	25°10	10° 6	5°46	1°10	13°46	14°53	4°32	3°17	26°34	n.a.	F 11
S 12	3 4 27	15°29'32	28°45	8°44	13°40	25°41	9°58	5°46	1°12	13°47	14°52	4°23	3°13	26°40	n.a.	S 12
S 13	3 8 24	16°30'44	11♏ 7	10°18	14°56	26°13	9°50	5°D46	1°13	13°49	14°51	4°10	3°10	26°47	n.a.	S 13
M14	3 12 20	17°31'55	23°20	11°52	16°11	26°45	9°42	5°46	1°15	13°50	14°50	3°57	3° 7	26°54	n.a.	M14
T 15	3 16 17	18°33'08	5♐25	13°25	17°27	27°17	9°34	5°46	1°16	13°52	14°48	3°42	3° 4	27° 1	n.a.	T 15
W16	3 20 13	19°34'21	17°23	14°59	18°42	27°50	9°26	5°46	1°18	13°53	14°47	3°29	3° 1	27° 7	n.a.	W16
T 17	3 24 10	20°35'35	29°16	16°34	19°58	28°22	9°18	5°47	1°19	13°55	14°46	3°17	2°58	27°14	n.a.	T 17
F 18	3 28 6	21°36'49	11♑ 5	18° 8	21°14	28°55	9°10	5°47	1°21	13°56	14°45	3° 7	2°54	27°21	n.a.	F 18
S 19	3 32 3	22°38'03	22°54	19°42	22°29	29°28	9° 2	5°48	1°22	13°58	14°44	3° 1	2°51	27°27	n.a.	S 19
S 20	3 36 0	23°39'17	4♒48	21°17	23°45	0♓ 1	8°54	5°49	1°23	13°59	14°43	2°58	2°48	27°34	n.a.	S 20
M21	3 39 56	24°40'32	16°50	22°51	25° 0	0°34	8°47	5°49	1°24	14° 1	14°42	2°56	2°45	27°41	n.a.	M21
T 22	3 43 53	25°41'46	29° 7	24°26	26°16	1° 7	8°39	5°50	1°25	14° 3	14°40	2°56	2°42	27°48	n.a.	T 22
W23	3 47 49	26°43'01	11♓43	26° 1	27°31	1°41	8°32	5°51	1°26	14° 4	14°39	2°56	2°39	27°54	n.a.	W23
T 24	3 51 46	27°44'15	24°44	27°37	28°47	2°14	8°25	5°53	1°27	14° 6	14°38	2°55	2°35	28° 1	n.a.	T 24
F 25	3 55 42	28°45'29	8♈14	29°12	0♐ 2	2°48	8°17	5°54	1°28	14° 8	14°37	2°51	2°32	28° 8	n.a.	F 25
S 26	3 59 39	29°46'44	22°14	0♐48	1°18	3°22	8°10	5°55	1°29	14°10	14°36	2°45	2°29	28°14	n.a.	S 26
S 27	4 3 35	0♐47'58	6♉43	2°24	2°33	3°56	8° 3	5°57	1°30	14°11	14°34	2°36	2°26	28°21	n.a.	S 27
M28	4 7 32	1°49'12	21°36	4° 1	3°49	4°30	7°56	5°58	1°31	14°13	14°33	2°24	2°23	28°28	n.a.	M28
T 29	4 11 29	2°50'27	6♊46	5°37	5° 4	5° 4	7°50	6° 0	1°32	14°15	14°32	2°12	2°19	28°34	n.a.	T 29
W30	4 15 25	3♐51'42	22♊ 1	7♐14	6♐20	5♓38	7♉43	6♓ 2	1♍32	14♑17	14♊31	2♓ 1	2♓16	28♐41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13s 6	24n56	5n 2	7s30	1n 7	10s49	0n46	16s33	1s41	14n26	1s 4	11s48	2s32	12n 1	0n45	22s59	0n 3	21n14	1s40	9s45	10s14	28s26		n.a.
W 2	13 27	27 38	5 1	8 11	1 0	11 18	0 44	16 21	1 38	14 24	1 4	11 48	2 31	12 0	0 45	22 59	0 3	21 14	1 40	9 48	10 15	28 26		n.a.
T 3	13 48	28 23	4 40	8 52	0 54	11 46	0 42	16 9	1 36	14 21	1 4	11 49	2 31	11 59	0 45	22 59	0 3	21 14	1 40	9 51	10 16	28 26		n.a.
F 4	14 8	27 8	4 1	9 32	0 47	12 14	0 40	15 57	1 33	14 19	1 4	11 49	2 31	11 59	0 45	22 59	0 2	21 14	1 40	9 53	10 17	28 26		n.a.
S 5	14 28	24 8	3 8	10 12	0 40	12 42	0 38	15 45	1 31	14 17	1 4	11 49	2 31	11 58	0 45	22 59	0 2	21 14	1 40	9 54	10 19	28 26		n.a.
S 6	14 48	19 46	2 4	10 52	0 33	13 10	0 36	15 33	1 28	14 14	1 4	11 49	2 30	11 57	0 45	22 59	0 2	21 13	1 40	9 54	10 20	28 26		n.a.
M 7	15 7	14 28	0 55	11 32	0 27	13 37	0 34	15 20	1 26	14 12	1 3	11 49	2 30	11 57	0 46	22 59	0 2	21 13	1 40	9 54	10 21	28 26		n.a.
T 8	15 26	8 35	0s15	12 11	0 20	14 3	0 31	15 8	1 24	14 9	1 3	11 49	2 30	11 56	0 46	22 59	0 2	21 13	1 40	9 54	10 22	28 25		n.a.
W 9	15 45	2 27	1 24	12 49	0 13	14 30	0 29	14 55	1 21	14 7	1 3	11 49	2 30	11 55	0 46	22 59	0 2	21 13	1 40	9 54	10 23	28 25		n.a.
T 10	16 4	3s40	2 27	13 27	0 6	14 56	0 27	14 43	1 19	14 4	1 3	11 49	2 30	11 55	0 46	22 58	0 2	21 13	1 39	9 56	10 24	28 25		n.a.
F 11	16 23	9 33	3 21	14 5	0s 1	15 22	0 25	14 30	1 17	14 2	1 3	11 49	2 29	11 54	0 46	22 58	0 2	21 13	1 39	9 58	10 26	28 25		n.a.
S 12	16 41	14 58	4 5	14 42	0 7	15 47	0 22	14 17	1 15	13 59	1 3	11 49	2 29	11 54	0 46	22 58	0 2	21 13	1 39	10 1	10 27	28 25		n.a.
S 13	16 59	19 43	4 37	15 18	0 14	16 12	0 20	14 4	1 12	13 57	1 3	11 49	2 29	11 53	0 46	22 58	0 2	21 13	1 39	10 6	10 28	28 25		n.a.
M14	17 16	23 35	4 55	15 54	0 20	16 36	0 18	13 51	1 10	13 55	1 2	11 48	2 29	11 53	0 46	22 58	0 2	21 13	1 39	10 11	10 29	28 24		n.a.
T 15	17 34	26 23	5 0	16 29	0 27	17 0	0 15	13 38	1 8	13 52	1 2	11 48	2 28	11 52	0 46	22 58	0 2	21 13	1 39	10 16	10 30	28 24		n.a.
W16	17 50	27 58	4 52	17 4	0 33	17 24	0 13	13 24	1 6	13 50	1 2	11 48	2 28	11 52	0 46	22 58	0 2	21 13	1 39	10 21	10 31	28 24		n.a.
T 17	18 7	28 14	4 30	17 37	0 39	17 47	0 11	13 11	1 4	13 47	1 2	11 47	2 28	11 51	0 46	22 58	0 2	21 13	1 39	10 26	10 33	28 24		n.a.
F 18	18 23	27 13	3 58	18 10	0 45	18 9	0 8	12 58	1 2	13 45	1 2	11 47	2 28	11 51	0 46	22 57	0 2	21 12	1 39	10 29	10 34	28 24		n.a.
S 19	18 39	24 58	3 15	18 42	0 51	18 31	0 6	12 44	1 0	13 43	1 2	11 47	2 27	11 50	0 46	22 57	0 2	21 12	1 39	10 31	10 35	28 23		n.a.
S 20	18 55	21 37	2 23	19 13	0 57	18 53	0 3	12 31	0 58	13 40	1 1	11 46	2 27	11 50	0 46	22 57	0 2	21 12	1 39	10 33	10 36	28 23		n.a.
M21	19 10	17 19	1 24	19 44	1 3	19 14	0 1	12 17	0 56	13 38	1 1	11 46	2 27	11 49	0 46	22 57	0 2	21 12	1 39	10 33	10 37	28 23		n.a.
T 22	19 25	12 14	0 20	20 13	1 9	19 35	0s 1	12 3	0 54	13 36	1 1	11 45	2 27	11 49	0 46	22 57	0 2	21 12	1 39	10 33	10 38	28 23		n.a.
W23	19 40	6 32	0n46	20 42	1 14	19 54	0 4	11 49	0 52	13 34	1 1	11 44	2 27	11 49	0 46	22 57	0 2	21 12	1 39	10 33	10 40	28 22		n.a.
T 24	19 54	0 24	1 52	21 9	1 19	20 14	0 6	11 35	0 50	13 32	1 1	11 44	2 26	11 48	0 46	22 56	0 2	21 12	1 39	10 34	10 41	28 22		n.a.
F 25	20 8	5n58	2 55	21 36	1 24	20 33	0 8	11 21	0 49	13 29	1 0	11 43	2 26	11 48	0 46	22 56	0 2	21 12	1 39	10 35	10 42	28 22		n.a.
S 26	20 21	12 17	3 49	22 1	1 29	20 51	0 11	11 7	0 47	13 27	1 0	11 42	2 26	11 48	0 46	22 56	0 2	21 12	1 39	10 37	10 43	28 21		n.a.
S 27	20 34	18 10	4 30	22 25	1 33	21 9	0 13	10 53	0 45	13 25	1 0	11 42	2 26	11 48	0 46	22 56	0 2	21 12	1 39	10 41	10 44	28 21		n.a.
M28	20 47	23 7	4 55	22 49	1 38	21 26	0 15	10 39	0 43	13 23	1 0	11 41	2 25	11 47	0 46	22 56	0 2	21 12	1 39	10 45	10 45	28 21		n.a.
T 29	20 59	26 37	4 59	23 10	1 42	21 42	0 18	10 25	0 41	13 21	0 59	11 40	2 25	11 47	0 46	22 56	0 2	21 12	1 39	10 49	10 46	28 21		n.a.
W30	21s11	28n11	4n42	23s31	1s46	21s58	0s20	10s10	0s40	13n19	0s59	11s39	2s25	11n47	0n47	22s55	0n 2	21n11	1s39	10s53	10s48	28s20		n.a.

Julian Day Number = 1611421.5, Delta T = 03h53m02s
Ecliptic obliquity = 23°44'03, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'46, Lahiri = - 8°06'45 Julian Calendar 1 Nov. 302 BCE == Greg. Calendar 27 Oct. 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 302 BCE
geocentric

DECEMBER 302 BCE (-301) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 19 22	4♐52'56	7♋11	8♐51	7♐35	6♓13	7°R36	6♓ 4	1♍33	14♑19	14°R29	1°R51	2♓13	28♐48	n.a.	T 1
F 2	4 23 18	5°54'11	22° 5	10°29	8°51	6°47	7♉30	6° 6	1°33	14°20	14♊28	1♓44	2°10	28°55	n.a.	F 2
S 3	4 27 15	6°55'26	6♌36	12° 7	10° 6	7°22	7°24	6° 8	1°34	14°22	14°27	1°40	2° 7	29° 1	n.a.	S 3
S 4	4 31 11	7°56'41	20°43	13°45	11°22	7°56	7°18	6°10	1°34	14°24	14°26	1°39	2° 4	29° 8	n.a.	S 4
M 5	4 35 8	8°57'56	4♍24	15°24	12°37	8°31	7°12	6°13	1°35	14°26	14°24	1°38	2° 0	29°15	n.a.	M 5
T 6	4 39 4	9°59'11	17°42	17° 2	13°53	9° 6	7° 6	6°15	1°35	14°28	14°23	1°38	1°57	29°21	n.a.	T 6
W 7	4 43 1	11° 0'26	0♎39	18°41	15° 8	9°41	7° 0	6°18	1°35	14°30	14°22	1°37	1°54	29°28	n.a.	W 7
T 8	4 46 58	12° 1'41	13°19	20°21	16°23	10°16	6°55	6°20	1°36	14°32	14°21	1°33	1°51	29°35	n.a.	T 8
F 9	4 50 54	13° 2'56	25°46	22° 0	17°39	10°51	6°50	6°23	1°36	14°34	14°19	1°27	1°48	29°42	n.a.	F 9
S 10	4 54 51	14° 4'11	8♏ 3	23°40	18°54	11°27	6°45	6°26	1°36	14°36	14°18	1°17	1°45	29°48	n.a.	S 10
S 11	4 58 47	15° 5'26	20°12	25°19	20°10	12° 2	6°40	6°29	1°R36	14°38	14°17	1° 5	1°41	29°55	n.a.	S 11
M12	5 2 44	16° 6'41	2♐14	26°59	21°25	12°38	6°35	6°32	1°36	14°40	14°16	0°51	1°38	0♑ 2	n.a.	M12
T 13	5 6 40	17° 7'55	14°11	28°39	22°40	13°13	6°30	6°35	1°36	14°42	14°14	0°37	1°35	0° 8	n.a.	T 13
W14	5 10 37	18° 9'08	26° 4	0♑19	23°56	13°49	6°26	6°38	1°36	14°44	14°13	0°23	1°32	0°15	n.a.	W14
T 15	5 14 34	19°10'21	7♑55	1°58	25°11	14°25	6°21	6°42	1°36	14°46	14°12	0°10	1°29	0°22	n.a.	T 15
F 16	5 18 30	20°11'33	19°45	3°37	26°26	15° 0	6°17	6°45	1°35	14°48	14°11	0° 1	1°25	0°29	n.a.	F 16
S 17	5 22 27	21°12'45	1♒36	5°15	27°42	15°36	6°14	6°49	1°35	14°51	14° 9	29♒54	1°22	0°35	n.a.	S 17
S 18	5 26 23	22°13'55	13°31	6°52	28°57	16°12	6°10	6°52	1°35	14°53	14° 8	29°50	1°19	0°42	n.a.	S 18
M19	5 30 20	23°15'05	25°33	8°28	0♑12	16°48	6° 6	6°56	1°34	14°55	14° 7	29°D49	1°16	0°49	n.a.	M19
T 20	5 34 16	24°16'13	7♓49	10° 3	1°28	17°24	6° 3	7° 0	1°34	14°57	14° 5	29°49	1°13	0°55	n.a.	T 20
W21	5 38 13	25°17'21	20°21	11°35	2°43	18° 0	6° 0	7° 4	1°33	14°59	14° 4	29°R49	1°10	1° 2	n.a.	W21
T 22	5 42 9	26°18'27	3♈15	13° 6	3°58	18°37	5°57	7° 8	1°33	15° 1	14° 3	29°49	1° 6	1° 9	n.a.	T 22
F 23	5 46 6	27°19'32	16°36	14°34	5°14	19°13	5°54	7°12	1°32	15° 3	14° 2	29°47	1° 3	1°15	n.a.	F 23
S 24	5 50 3	28°20'36	0♉26	15°59	6°29	19°49	5°52	7°16	1°32	15° 6	14° 1	29°43	1° 0	1°22	n.a.	S 24
S 25	5 53 59	29°21'39	14°46	17°20	7°44	20°26	5°50	7°20	1°31	15° 8	13°59	29°37	0°57	1°29	n.a.	S 25
M26	5 57 56	0♑22'41	29°33	18°36	8°59	21° 2	5°48	7°25	1°30	15°10	13°58	29°29	0°54	1°36	n.a.	M26
T 27	6 1 52	1°23'41	14♊41	19°47	10°14	21°38	5°46	7°29	1°29	15°12	13°57	29°19	0°51	1°42	n.a.	T 27
W28	6 5 49	2°24'41	0♋ 1	20°52	11°30	22°15	5°44	7°34	1°28	15°15	13°56	29°10	0°47	1°49	n.a.	W28
T 29	6 9 45	3°25'39	15°21	21°51	12°45	22°52	5°42	7°39	1°27	15°17	13°55	29° 3	0°44	1°56	n.a.	T 29
F 30	6 13 42	4°26'36	0♌30	22°42	14° 0	23°28	5°41	7°43	1°26	15°19	13°53	28°57	0°41	2° 2	n.a.	F 30
S 31	6 17 39	5♑27'33	15♌18	23♑24	15♑15	24♓ 5	5♉40	7♓48	1♍25	15♑21	13♊52	28♒54	0♓38	2♑ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21 s22	27n37	4n 5	23 s51	1 s49	22 s13	0 s22	9 s56	0 s38	13n17	0 s59	11 s38	2 s25	11n47	0n47	22 s55	0n 2	21n11	1 s39	10 s57	10 s49	28 s20			n.a.
F 2	21 33	25 4	3 12	24 9	1 52	22 27	0 25	9 41	0 36	13 15	0 59	11 37	2 24	11 47	0 47	22 55	0 2	21 11	1 38	10 59	10 50	28 20			n.a.
S 3	21 44	20 55	2 8	24 26	1 55	22 41	0 27	9 27	0 35	13 14	0 59	11 36	2 24	11 46	0 47	22 55	0 2	21 11	1 38	11 1	10 51	28 19			n.a.
S 4	21 54	15 40	0 57	24 41	1 58	22 54	0 29	9 12	0 33	13 12	0 58	11 35	2 24	11 46	0 47	22 55	0 2	21 11	1 38	11 1	10 52	28 19			n.a.
M 5	22 4	9 47	0 s15	24 55	2 0	23 7	0 32	8 58	0 32	13 10	0 58	11 34	2 24	11 46	0 47	22 54	0 2	21 11	1 38	11 1	10 53	28 19			n.a.
T 6	22 13	3 38	1 24	25 7	2 2	23 18	0 34	8 43	0 30	13 8	0 58	11 33	2 24	11 46	0 47	22 54	0 2	21 11	1 38	11 1	10 55	28 18			n.a.
W 7	22 22	2 s30	2 27	25 18	2 4	23 29	0 36	8 28	0 28	13 7	0 58	11 32	2 23	11 46	0 47	22 54	0 2	21 11	1 38	11 2	10 56	28 18			n.a.
T 8	22 31	8 24	3 21	25 27	2 5	23 40	0 38	8 13	0 27	13 5	0 57	11 30	2 23	11 46	0 47	22 54	0 2	21 11	1 38	11 3	10 57	28 17			n.a.
F 9	22 39	13 52	4 5	25 35	2 6	23 49	0 40	7 59	0 25	13 4	0 57	11 29	2 23	11 46	0 47	22 54	0 2	21 11	1 38	11 6	10 58	28 17			n.a.
S 10	22 46	18 43	4 36	25 40	2 6	23 58	0 42	7 44	0 24	13 2	0 57	11 28	2 23	11 46	0 47	22 53	0 2	21 11	1 38	11 9	10 59	28 17			n.a.
S 11	22 53	22 44	4 55	25 44	2 6	24 6	0 44	7 29	0 22	13 1	0 57	11 27	2 22	11 46	0 47	22 53	0 2	21 10	1 38	11 13	11 0	28 16			n.a.
M12	23 0	25 45	5 0	25 47	2 5	24 13	0 46	7 14	0 21	13 0	0 56	11 25	2 22	11 46	0 47	22 53	0 2	21 10	1 38	11 18	11 1	28 16			n.a.
T 13	23 6	27 37	4 52	25 47	2 3	24 20	0 48	6 58	0 20	12 58	0 56	11 24	2 22	11 46	0 47	22 53	0 2	21 10	1 38	11 24	11 3	28 15			n.a.
W14	23 12	28 11	4 31	25 46	2 2	24 26	0 50	6 43	0 18	12 57	0 56	11 22	2 22	11 46	0 47	22 52	0 2	21 10	1 38	11 29	11 4	28 15			n.a.
T 15	23 17	27 28	3 59	25 42	1 59	24 31	0 52	6 28	0 17	12 56	0 56	11 21	2 22	11 46	0 47	22 52	0 2	21 10	1 38	11 33	11 5	28 14			n.a.
F 16	23 22	25 29	3 16	25 37	1 56	24 35	0 54	6 13	0 15	12 55	0 55	11 19	2 21	11 46	0 47	22 52	0 2	21 10	1 38	11 36	11 6	28 14			n.a.
S 17	23 26	22 23	2 24	25 30	1 52	24 39	0 56	5 58	0 14	12 54	0 55	11 18	2 21	11 47	0 47	22 52	0 2	21 10	1 38	11 39	11 7	28 14			n.a.
S 18	23 30	18 20	1 26	25 21	1 48	24 42	0 58	5 42	0 13	12 53	0 55	11 16	2 21	11 47	0 47	22 52	0 2	21 10	1 37	11 40	11 8	28 13			n.a.
M19	23 34	13 31	0 23	25 10	1 42	24 44	1 0	5 27	0 11	12 52	0 54	11 15	2 21	11 47	0 47	22 51	0 2	21 10	1 37	11 41	11 9	28 13			n.a.
T 20	23 36	8 5	0n43	24 57	1 36	24 45	1 2	5 11	0 10	12 51	0 54	11 13	2 20	11 47	0 47	22 51	0 2	21 10	1 37	11 41	11 11	28 12			n.a.
W21	23 39	2 14	1 47	24 42	1 29	24 46	1 3	4 56	0 9	12 50	0 54	11 11	2 20	11 47	0 47	22 51	0 2	21 10	1 37	11 40	11 12	28 12			n.a.
T 22	23 41	3n53	2 48	24 26	1 21	24 45	1 5	4 41	0 8	12 50	0 54	11 10	2 20	11 48	0 47	22 51	0 2	21 10	1 37	11 40	11 13	28 11			n.a.
F 23	23 42	10 1	3 43	24 8	1 13	24 44	1 7	4 25	0 6	12 49	0 53	11 8	2 20	11 48	0 48	22 50	0 2	21 9	1 37	11 41	11 14	28 11			n.a.
S 24	23 43	15 54	4 26	23 48	1 3	24 42	1 8	4 10	0 5	12 48	0 53	11 6	2 20	11 48	0 48	22 50	0 2	21 9	1 37	11 43	11 15	28 10			n.a.
S 25	23 44	21 8	4 54	23 28	0 52	24 40	1 10	3 54	0 4	12 48	0 53	11 4	2 19	11 48	0 48	22 50	0 2	21 9	1 37	11 45	11 16	28 10			n.a.
M26	23 44	25 15	5 4	23 6	0 41	24 36	1 11	3 38	0 3	12 47	0 53	11 3	2 19	11 49	0 48	22 50	0 2	21 9	1 37	11 48	11 17	28 9			n.a.
T 27	23 44	27 42	4 54	22 43	0 28	24 32	1 13	3 23	0 2	12 47	0 52	11 1	2 19	11 49	0 48	22 49	0 2	21 9	1 37	11 51	11 19	28 9			n.a.
W28	23 43	28 6	4 22	22 20	0 15	24 27	1 14	3 7	0 1	12 47	0 52	10 59	2 19	11 49	0 48	22 49	0 2	21 9	1 37	11 54	11 20	28 8			n.a.
T 29	23 41	26 20	3 31	21 57	0 0	24 22	1 15	2 52	0n 1	12 47	0 52	10 57	2 19	11 50	0 48	22 49	0 2	21 9	1 37	11 57	11 21	28 7			n.a.
F 30	23 39	22 40	2 26	21 33	0n15	24 15	1 17	2 36	0 2	12 46	0 51	10 55	2 19	11 50	0 48	22 49	0 2	21 9	1 37	11 59	11 22	28 7			n.a.
S 31	23 s37	17n36	1n12	21 s10	0n31	24 s 8	1 s18	2 s20	0n 3	12n46	0 s51	10 s53	2 s18	11n51	0n48	22 s49	0n 2	21n 9	1 s37	12 s 0	11 s23	28 s 6			n.a.

Julian Day Number = 1611451.5, Delta T = 03h53m01s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'42, Lahiri = - 8°06'41 Julian Calendar 1 Dec. 302 BCE == Greg. Calendar 26 Nov. 302 BCE

The year -301 astronomical counting style corresponds to year 302 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

JANUARY 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 21 35	6♑28'28	29♌40	23♑57	16♑30	24♓41	5°R39	7♓53	1°R24	15♑24	13°R51	28°D53	0♓35	2♑16	n.a.	S 1
M 2	6 25 32	7°29'22	13♍35	24°21	17°45	25°18	5♉39	7°58	1♍23	15°26	13♊50	28♒54	0°31	2°23	n.a.	M 2
T 3	6 29 28	8°30'15	27° 1	24°34	19° 0	25°55	5°38	8° 3	1°22	15°28	13°49	28°55	0°28	2°29	n.a.	T 3
W 4	6 33 25	9°31'07	10♎ 2	24°R36	20°15	26°32	5°38	8° 8	1°21	15°30	13°48	28°R56	0°25	2°36	n.a.	W 4
T 5	6 37 21	10°31'58	22°42	24°26	21°30	27° 9	5°D38	8°13	1°19	15°33	13°46	28°55	0°22	2°43	n.a.	T 5
F 6	6 41 18	11°32'48	5♏ 6	24° 6	22°45	27°46	5°38	8°19	1°18	15°35	13°45	28°52	0°19	2°49	n.a.	F 6
S 7	6 45 14	12°33'37	17°16	23°36	24° 0	28°22	5°38	8°24	1°17	15°37	13°44	28°47	0°16	2°56	n.a.	S 7
S 8	6 49 11	13°34'25	29°17	22°55	25°15	28°59	5°39	8°29	1°15	15°39	13°43	28°40	0°12	3° 3	n.a.	S 8
M 9	6 53 8	14°35'12	11♐12	22° 5	26°31	29°36	5°39	8°35	1°14	15°42	13°42	28°32	0° 9	3° 9	n.a.	M 9
T 10	6 57 4	15°35'57	23° 4	21° 8	27°45	0♈13	5°40	8°40	1°12	15°44	13°41	28°23	0° 6	3°16	n.a.	T 10
W11	7 1 1	16°36'41	4♑54	20° 5	29° 0	0°51	5°42	8°46	1°11	15°46	13°40	28°14	0° 3	3°23	n.a.	W11
T 12	7 4 57	17°37'24	16°45	18°58	0♒15	1°28	5°43	8°52	1° 9	15°49	13°39	28° 7	29♒59	3°30	n.a.	T 12
F 13	7 8 54	18°38'05	28°38	17°48	1°30	2° 5	5°44	8°57	1° 7	15°51	13°38	28° 1	29°57	3°36	n.a.	F 13
S 14	7 12 50	19°38'44	10♒35	16°38	2°45	2°42	5°46	9° 3	1° 6	15°53	13°37	27°58	29°53	3°43	n.a.	S 14
S 15	7 16 47	20°39'21	22°38	15°30	4° 0	3°19	5°48	9° 9	1° 4	15°55	13°36	27°D56	29°50	3°50	n.a.	S 15
M16	7 20 43	21°39'57	4♓49	14°24	5°15	3°56	5°50	9°15	1° 2	15°58	13°35	27°56	29°47	3°56	n.a.	M16
T 17	7 24 40	22°40'31	17°11	13°23	6°30	4°34	5°53	9°21	1° 0	16° 0	13°34	27°57	29°44	4° 3	n.a.	T 17
W18	7 28 37	23°41'03	29°47	12°28	7°45	5°11	5°55	9°27	0°59	16° 2	13°33	27°59	29°41	4°10	n.a.	W18
T 19	7 32 33	24°41'33	12♈42	11°39	8°59	5°48	5°58	9°33	0°57	16° 4	13°32	28° 0	29°37	4°16	n.a.	T 19
F 20	7 36 30	25°42'01	25°57	10°57	10°14	6°26	6° 1	9°40	0°55	16° 7	13°31	28°R 1	29°34	4°23	n.a.	F 20
S 21	7 40 26	26°42'27	9♉38	10°23	11°29	7° 3	6° 4	9°46	0°53	16° 9	13°30	28° 0	29°31	4°30	n.a.	S 21
S 22	7 44 23	27°42'51	23°43	9°56	12°44	7°40	6° 7	9°52	0°51	16°11	13°30	27°58	29°28	4°37	n.a.	S 22
M23	7 48 19	28°43'12	8♊13	9°36	13°58	8°18	6°11	9°59	0°49	16°13	13°29	27°55	29°25	4°43	n.a.	M23
T 24	7 52 16	29°43'32	23° 4	9°24	15°13	8°55	6°14	10° 5	0°47	16°16	13°28	27°51	29°22	4°50	n.a.	T 24
W25	7 56 12	0♒43'50	8♋ 8	9°D19	16°28	9°33	6°18	10°12	0°45	16°18	13°27	27°47	29°18	4°57	n.a.	W25
T 26	8 0 9	1°44'06	23°18	9°20	17°42	10°10	6°22	10°18	0°42	16°20	13°26	27°43	29°15	5° 3	n.a.	T 26
F 27	8 4 6	2°44'20	8♌23	9°29	18°57	10°47	6°26	10°25	0°40	16°22	13°26	27°41	29°12	5°10	n.a.	F 27
S 28	8 8 2	3°44'32	23°14	9°43	20°11	11°25	6°31	10°31	0°38	16°24	13°25	27°D40	29° 9	5°17	n.a.	S 28
S 29	8 11 59	4°44'42	7♍44	10° 3	21°26	12° 2	6°35	10°38	0°36	16°27	13°24	27°40	29° 6	5°23	n.a.	S 29
M30	8 15 55	5°44'50	21°49	10°28	22°41	12°40	6°40	10°45	0°34	16°29	13°23	27°41	29° 3	5°30	n.a.	M30
T 31	8 19 52	6♒44'57	5♎26	10♑58	23♒55	13♈17	6♉45	10♓52	0♍31	16♑31	13♊23	27♒43	28♒59	5♑37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23 s34	11n40	0s 4	20s48	0n48	24s 0	1s19	2s 4	0n 4	12n46	0s51	10s51	2s18	11n51	0n48	22s48	0n 2	21n 9	1s36	12s 0	11s24	28s 6			n.a.
M 2	23 31	5 20	1 18	20 26	1 5	23 52	1 20	1 49	0 5	12 46	0 51	10 49	2 18	11 52	0 48	22 48	0 2	21 9	1 36	12 0	11 25	28 5			n.a.
T 3	23 27	1s 1	2 25	20 7	1 23	23 42	1 21	1 33	0 6	12 46	0 50	10 47	2 18	11 52	0 48	22 48	0 2	21 9	1 36	12 0	11 26	28 5			n.a.
W 4	23 23	7 7	3 23	19 49	1 41	23 32	1 22	1 17	0 7	12 47	0 50	10 45	2 18	11 52	0 48	22 48	0 2	21 9	1 36	11 59	11 28	28 4			n.a.
T 5	23 19	12 47	4 9	19 33	1 59	23 21	1 23	1 1	0 8	12 47	0 50	10 42	2 17	11 53	0 48	22 47	0 2	21 9	1 36	12 0	11 29	28 3			n.a.
F 6	23 14	17 48	4 42	19 19	2 16	23 10	1 24	0 46	0 9	12 47	0 49	10 40	2 17	11 54	0 48	22 47	0 2	21 9	1 36	12 1	11 30	28 3			n.a.
S 7	23 8	22 0	5 2	19 8	2 33	22 58	1 25	0 30	0 10	12 47	0 49	10 38	2 17	11 54	0 48	22 47	0 2	21 9	1 36	12 2	11 31	28 2			n.a.
S 8	23 2	25 15	5 8	18 59	2 49	22 45	1 25	0 14	0 11	12 48	0 49	10 36	2 17	11 55	0 48	22 46	0 2	21 8	1 36	12 5	11 32	28 1			n.a.
M 9	22 55	27 21	5 0	18 53	3 3	22 31	1 26	0n 2	0 12	12 48	0 49	10 34	2 17	11 55	0 48	22 46	0 2	21 8	1 36	12 8	11 33	28 1			n.a.
T 10	22 49	28 13	4 40	18 49	3 16	22 17	1 27	0 17	0 13	12 49	0 48	10 31	2 17	11 56	0 48	22 46	0 2	21 8	1 36	12 11	11 34	28 0			n.a.
W11	22 41	27 46	4 8	18 48	3 27	22 2	1 27	0 33	0 14	12 50	0 48	10 29	2 16	11 56	0 48	22 46	0 2	21 8	1 36	12 14	11 36	27 59			n.a.
T 12	22 33	26 3	3 25	18 49	3 36	21 46	1 28	0 49	0 15	12 50	0 48	10 27	2 16	11 57	0 48	22 45	0 2	21 8	1 36	12 16	11 37	27 59			n.a.
F 13	22 25	23 10	2 32	18 52	3 42	21 30	1 28	1 5	0 16	12 51	0 48	10 24	2 16	11 58	0 48	22 45	0 2	21 8	1 35	12 18	11 38	27 58			n.a.
S 14	22 17	19 17	1 33	18 57	3 46	21 13	1 29	1 21	0 17	12 52	0 47	10 22	2 16	11 58	0 48	22 45	0 2	21 8	1 35	12 20	11 39	27 57			n.a.
S 15	22 7	14 36	0 29	19 3	3 48	20 56	1 29	1 36	0 18	12 53	0 47	10 20	2 16	11 59	0 48	22 45	0 2	21 8	1 35	12 20	11 40	27 57			n.a.
M16	21 58	9 17	0n37	19 11	3 47	20 38	1 29	1 52	0 19	12 54	0 47	10 17	2 16	12 0	0 48	22 44	0 2	21 8	1 35	12 20	11 41	27 56			n.a.
T 17	21 48	3 33	1 43	19 20	3 44	20 19	1 29	2 8	0 20	12 55	0 46	10 15	2 16	12 0	0 48	22 44	0 2	21 8	1 35	12 20	11 42	27 55			n.a.
W18	21 38	2n26	2 45	19 30	3 40	20 0	1 29	2 24	0 20	12 56	0 46	10 12	2 15	12 1	0 49	22 44	0 2	21 8	1 35	12 19	11 43	27 55			n.a.
T 19	21 27	8 27	3 40	19 40	3 33	19 40	1 29	2 39	0 21	12 57	0 46	10 10	2 15	12 2	0 49	22 44	0 2	21 8	1 35	12 19	11 45	27 54			n.a.
F 20	21 16	14 15	4 25	19 52	3 26	19 20	1 29	2 55	0 22	12 58	0 46	10 7	2 15	12 2	0 49	22 43	0 2	21 8	1 35	12 19	11 46	27 53			n.a.
S 21	21 4	19 33	4 57	20 3	3 16	18 59	1 29	3 11	0 23	13 0	0 45	10 5	2 15	12 3	0 49	22 43	0 2	21 8	1 35	12 19	11 47	27 52			n.a.
S 22	20 52	23 58	5 12	20 15	3 6	18 37	1 29	3 27	0 24	13 1	0 45	10 2	2 15	12 4	0 49	22 43	0 2	21 8	1 35	12 20	11 48	27 52			n.a.
M23	20 40	27 1	5 8	20 28	2 56	18 15	1 29	3 42	0 25	13 2	0 45	10 0	2 15	12 5	0 49	22 43	0 1	21 8	1 35	12 21	11 49	27 51			n.a.
T 24	20 27	28 16	4 43	20 40	2 44	17 53	1 29	3 58	0 25	13 4	0 45	9 57	2 15	12 5	0 49	22 42	0 1	21 8	1 35	12 22	11 50	27 50			n.a.
W25	20 14	27 27	3 59	20 52	2 32	17 30	1 28	4 14	0 26	13 5	0 44	9 55	2 15	12 6	0 49	22 42	0 1	21 8	1 34	12 23	11 51	27 49			n.a.
T 26	20 1	24 37	2 58	21 4	2 20	17 6	1 28	4 29	0 27	13 7	0 44	9 52	2 14	12 7	0 49	22 42	0 1	21 8	1 34	12 25	11 52	27 49			n.a.
F 27	19 47	20 4	1 44	21 16	2 8	16 42	1 27	4 45	0 28	13 9	0 44	9 49	2 14	12 8	0 49	22 42	0 1	21 8	1 34	12 25	11 54	27 48			n.a.
S 28	19 33	14 19	0 24	21 28	1 55	16 18	1 27	5 0	0 28	13 10	0 44	9 47	2 14	12 9	0 49	22 41	0 1	21 8	1 34	12 26	11 55	27 47			n.a.
S 29	19 19	7 55	0s55	21 38	1 43	15 53	1 26	5 16	0 29	13 12	0 43	9 44	2 14	12 9	0 49	22 41	0 1	21 8	1 34	12 26	11 56	27 46			n.a.
M30	19 4	1 19	2 9	21 49	1 30	15 28	1 25	5 31	0 30	13 14	0 43	9 41	2 14	12 10	0 49	22 41	0 1	21 8	1 34	12 25	11 57	27 45			n.a.
T 31	18 s49	5s 8	3s13	21 s59	1n18	15s 3	1s25	5n47	0n31	13n16	0s43	9s39	2s14	12n11	0n49	22s41	0n 1	21n 8	1s34	12s25	11s58	27s45			n.a.

Julian Day Number = 1611482.5, Delta T = 03h53m00s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'37, Lahiri = - 8°06'37 Julian Calendar 1 Jan. 301 BCE == Greg. Calendar 27 Dec. 302 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

FEBRUARY 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 23 48	7♒45'02	18♎36	11♉33	25♒ 9	13♈55	6♉50	10♓58	0°R29	16♉33	13°R22	27♒44	28♒56	5♉44	n.a.	W 1
T 2	8 27 45	8°45'05	1♏23	12°12	26°24	14°32	6°55	11° 5	0♍27	16°35	13♊21	27°45	28°53	5°50	n.a.	T 2
F 3	8 31 41	9°45'06	13°50	12°55	27°38	15°10	7° 1	11°12	0°24	16°37	13°21	27°R45	28°50	5°57	n.a.	F 3
S 4	8 35 38	10°45'06	26° 1	13°41	28°53	15°48	7° 6	11°19	0°22	16°40	13°20	27°45	28°47	6° 4	n.a.	S 4
S 5	8 39 35	11°45'04	8♐ 1	14°31	0♓ 7	16°25	7°12	11°26	0°19	16°42	13°19	27°43	28°43	6°10	n.a.	S 5
M 6	8 43 31	12°45'01	19°54	15°25	1°21	17° 3	7°18	11°33	0°17	16°44	13°19	27°41	28°40	6°17	n.a.	M 6
T 7	8 47 28	13°44'55	1♑43	16°21	2°36	17°40	7°24	11°40	0°15	16°46	13°18	27°39	28°37	6°24	n.a.	T 7
W 8	8 51 24	14°44'48	13°33	17°20	3°50	18°18	7°30	11°47	0°12	16°48	13°18	27°37	28°34	6°30	n.a.	W 8
T 9	8 55 21	15°44'39	25°27	18°22	5° 4	18°55	7°37	11°55	0°10	16°50	13°17	27°35	28°31	6°37	n.a.	T 9
F 10	8 59 17	16°44'27	7♒25	19°26	6°18	19°33	7°43	12° 2	0° 7	16°52	13°17	27°34	28°28	6°44	n.a.	F 10
S 11	9 3 14	17°44'14	19°32	20°33	7°33	20°11	7°50	12° 9	0° 5	16°54	13°16	27°33	28°24	6°50	n.a.	S 11
S 12	9 7 10	18°43'58	1♓47	21°42	8°47	20°48	7°57	12°16	0° 2	16°56	13°16	27°D33	28°21	6°57	n.a.	S 12
M13	9 11 7	19°43'40	14°13	22°53	10° 1	21°26	8° 4	12°23	29♌59	16°58	13°16	27°33	28°18	7° 4	n.a.	M13
T 14	9 15 4	20°43'20	26°51	24° 6	11°15	22° 4	8°11	12°31	29°57	17° 0	13°15	27°34	28°15	7°11	n.a.	T 14
W15	9 19 0	21°42'58	9♈42	25°21	12°29	22°41	8°18	12°38	29°54	17° 2	13°15	27°35	28°12	7°17	n.a.	W15
T 16	9 22 57	22°42'34	22°48	26°37	13°43	23°19	8°26	12°45	29°52	17° 4	13°14	27°35	28° 9	7°24	n.a.	T 16
F 17	9 26 53	23°42'07	6♉11	27°56	14°57	23°57	8°33	12°53	29°49	17° 6	13°14	27°36	28° 5	7°31	n.a.	F 17
S 18	9 30 50	24°41'37	19°50	29°16	16°11	24°34	8°41	13° 0	29°47	17° 8	13°14	27°R36	28° 2	7°37	n.a.	S 18
S 19	9 34 46	25°41'06	3♊47	0♒38	17°25	25°12	8°49	13° 8	29°44	17°10	13°14	27°36	27°59	7°44	n.a.	S 19
M20	9 38 43	26°40'31	18° 1	2° 1	18°39	25°50	8°57	13°15	29°42	17°12	13°13	27°36	27°56	7°51	n.a.	M20
T 21	9 42 39	27°39'55	2♋30	3°26	19°52	26°27	9° 5	13°23	29°39	17°13	13°13	27°D36	27°53	7°57	n.a.	T 21
W22	9 46 36	28°39'16	17°10	4°53	21° 6	27° 5	9°14	13°30	29°36	17°15	13°13	27°36	27°49	8° 4	n.a.	W22
T 23	9 50 33	29°38'35	1♌55	6°21	22°20	27°43	9°22	13°38	29°34	17°17	13°13	27°36	27°46	8°11	n.a.	T 23
F 24	9 54 29	0♓37'51	16°39	7°50	23°34	28°20	9°30	13°45	29°31	17°19	13°13	27°36	27°43	8°17	n.a.	F 24
S 25	9 58 26	1°37'05	1♍15	9°21	24°47	28°58	9°39	13°53	29°29	17°21	13°12	27°R36	27°40	8°24	n.a.	S 25
S 26	10 2 22	2°36'17	15°37	10°53	26° 1	29°36	9°48	14° 0	29°26	17°22	13°12	27°36	27°37	8°31	n.a.	S 26
M27	10 6 19	3°35'26	29°39	12°27	27°14	0♉13	9°57	14° 8	29°23	17°24	13°12	27°35	27°34	8°38	n.a.	M27
T 28	10 10 15	4°34'34	13♎19	14° 2	28°28	0°51	10° 6	14°16	29°21	17°26	13°12	27°35	27°30	8°44	n.a.	T 28
W29	10 14 12	5♓33'40	26♎34	15♒39	29♓41	1♉29	10♉15	14♓23	29♌18	17♉27	13♊12	27♒34	27♒27	8♉51	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s33	11s 9	4s 5	22s 8	1n 6	14s36	1s24	6n 2	0n31	13n18	0s43	9s36	2s14	12n12	0n49	22s40	0n 1	21n 8	1s34	12s24	11s59	27s44		n.a.
T 2	18 18	16 31	4 43	22 16	0 54	14 10	1 23	6 17	0 32	13 20	0 42	9 33	2 14	12 13	0 49	22 40	0 1	21 8	1 34	12 24	12 0	27 43		n.a.
F 3	18 2	21 3	5 6	22 24	0 42	13 43	1 22	6 33	0 33	13 22	0 42	9 30	2 14	12 14	0 49	22 40	0 1	21 8	1 34	12 24	12 1	27 42		n.a.
S 4	17 45	24 36	5 15	22 30	0 31	13 16	1 21	6 48	0 33	13 24	0 42	9 28	2 14	12 14	0 49	22 39	0 1	21 8	1 33	12 24	12 3	27 41		n.a.
S 5	17 28	27 1	5 11	22 36	0 20	12 49	1 20	7 3	0 34	13 26	0 42	9 25	2 13	12 15	0 49	22 39	0 1	21 8	1 33	12 25	12 4	27 40		n.a.
M 6	17 11	28 12	4 52	22 41	0 9	12 21	1 19	7 18	0 35	13 28	0 41	9 22	2 13	12 16	0 49	22 39	0 1	21 8	1 33	12 25	12 5	27 39		n.a.
T 7	16 54	28 5	4 22	22 44	0s 1	11 53	1 18	7 34	0 35	13 30	0 41	9 19	2 13	12 17	0 49	22 39	0 1	21 8	1 33	12 26	12 6	27 39		n.a.
W 8	16 37	26 41	3 40	22 47	0 11	11 24	1 16	7 49	0 36	13 33	0 41	9 16	2 13	12 18	0 49	22 38	0 1	21 8	1 33	12 27	12 7	27 38		n.a.
T 9	16 19	24 4	2 49	22 48	0 21	10 56	1 15	8 4	0 37	13 35	0 41	9 14	2 13	12 19	0 49	22 38	0 1	21 8	1 33	12 28	12 8	27 37		n.a.
F 10	16 1	20 24	1 49	22 48	0 30	10 27	1 13	8 19	0 37	13 37	0 40	9 11	2 13	12 20	0 49	22 38	0 1	21 8	1 33	12 28	12 9	27 36		n.a.
S 11	15 42	15 51	0 44	22 47	0 40	9 57	1 12	8 34	0 38	13 40	0 40	9 8	2 13	12 21	0 49	22 38	0 1	21 8	1 33	12 28	12 10	27 35		n.a.
S 12	15 24	10 36	0n23	22 45	0 48	9 28	1 10	8 49	0 39	13 42	0 40	9 5	2 13	12 22	0 49	22 38	0 1	21 8	1 33	12 28	12 11	27 34		n.a.
M13	15 5	4 53	1 31	22 42	0 56	8 58	1 9	9 4	0 39	13 45	0 40	9 2	2 13	12 23	0 49	22 37	0 1	21 8	1 33	12 28	12 13	27 33		n.a.
T 14	14 46	1n 6	2 35	22 37	1 4	8 28	1 7	9 18	0 40	13 47	0 39	8 59	2 13	12 23	0 49	22 37	0 1	21 8	1 33	12 28	12 14	27 32		n.a.
W15	14 26	7 9	3 33	22 30	1 12	7 58	1 6	9 33	0 40	13 50	0 39	8 56	2 13	12 24	0 49	22 37	0 1	21 8	1 32	12 28	12 15	27 31		n.a.
T 16	14 7	13 0	4 21	22 23	1 19	7 28	1 4	9 48	0 41	13 52	0 39	8 53	2 13	12 25	0 49	22 37	0 1	21 8	1 32	12 28	12 16	27 30		n.a.
F 17	13 47	18 23	4 56	22 14	1 26	6 57	1 2	10 3	0 41	13 55	0 39	8 51	2 13	12 26	0 49	22 36	0 1	21 9	1 32	12 27	12 17	27 29		n.a.
S 18	13 27	22 57	5 14	22 3	1 32	6 26	1 0	10 17	0 42	13 58	0 39	8 48	2 13	12 27	0 49	22 36	0 1	21 9	1 32	12 27	12 18	27 28		n.a.
S 19	13 7	26 20	5 15	21 51	1 38	5 55	0 58	10 32	0 43	14 1	0 38	8 45	2 13	12 28	0 49	22 36	0 1	21 9	1 32	12 27	12 19	27 27		n.a.
M20	12 46	28 7	4 57	21 38	1 44	5 24	0 56	10 46	0 43	14 3	0 38	8 42	2 13	12 29	0 49	22 36	0 1	21 9	1 32	12 27	12 20	27 27		n.a.
T 21	12 26	28 3	4 20	21 23	1 49	4 53	0 54	11 0	0 44	14 6	0 38	8 39	2 12	12 30	0 49	22 35	0 1	21 9	1 32	12 27	12 21	27 26		n.a.
W22	12 5	26 1	3 26	21 7	1 53	4 22	0 52	11 15	0 44	14 9	0 38	8 36	2 12	12 31	0 49	22 35	0 1	21 9	1 32	12 27	12 23	27 25		n.a.
T 23	11 44	22 13	2 18	20 49	1 58	3 51	0 50	11 29	0 45	14 12	0 38	8 33	2 12	12 32	0 49	22 35	0 1	21 9	1 32	12 27	12 24	27 24		n.a.
F 24	11 23	17 0	1 0	20 29	2 1	3 19	0 48	11 43	0 45	14 15	0 37	8 30	2 12	12 33	0 49	22 35	0 1	21 9	1 32	12 27	12 25	27 23		n.a.
S 25	11 2	10 51	0s20	20 8	2 5	2 47	0 46	11 57	0 46	14 18	0 37	8 27	2 12	12 34	0 49	22 35	0 1	21 9	1 31	12 27	12 26	27 22		n.a.
S 26	10 40	4 14	1 38	19 46	2 8	2 16	0 43	12 11	0 46	14 21	0 37	8 24	2 12	12 35	0 49	22 34	0 1	21 9	1 31	12 27	12 27	27 21		n.a.
M27	10 19	2s26	2 49	19 21	2 10	1 44	0 41	12 25	0 47	14 24	0 37	8 21	2 12	12 35	0 49	22 34	0 1	21 9	1 31	12 27	12 28	27 19		n.a.
T 28	9 57	8 48	3 47	18 56	2 12	1 12	0 39	12 39	0 47	14 27	0 36	8 18	2 12	12 36	0 49	22 34	0 1	21 9	1 31	12 28	12 29	27 18		n.a.
W29	9s35	14s35	4s32	18s28	2s14	0s41	0s36	12n53	0n48	14n30	0s36	8s15	2s12	12n37	0n49	22s34	0n 1	21n 9	1s31	12s28	12s30	27s17		n.a.

Julian Day Number = 1611513.5, Delta T = 03h52m59s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'33, Lahiri = - 8°06'33 Julian Calendar 1 Feb. 301 BCE == Greg. Calendar 27 Jan. 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

MARCH 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 18 8	6♓32'44	9♏27	17♒17	0♈55	2♉ 6	10♉24	14♓31	29°R16	17♑29	13°D12	27°R33	27♒24	8♑58	n.a.	T 1
F 2	10 22 5	7°31'46	21°59	18°57	2° 8	2°44	10°34	14°38	29♌13	17°31	13♊12	27♒32	27°21	9° 4	n.a.	F 2
S 3	10 26 1	8°30'46	4♐13	20°38	3°21	3°22	10°43	14°46	29°10	17°32	13°12	27°D31	27°18	9°11	n.a.	S 3
S 4	10 29 58	9°29'44	16°15	22°20	4°35	4° 0	10°53	14°54	29° 8	17°34	13°12	27°31	27°15	9°18	n.a.	S 4
M 5	10 33 55	10°28'41	28° 9	24° 4	5°48	4°37	11° 2	15° 1	29° 5	17°36	13°12	27°32	27°11	9°24	n.a.	M 5
T 6	10 37 51	11°27'35	9♑59	25°49	7° 1	5°15	11°12	15° 9	29° 3	17°37	13°12	27°33	27° 8	9°31	n.a.	T 6
W 7	10 41 48	12°26'28	21°50	27°36	8°14	5°53	11°22	15°17	29° 0	17°39	13°13	27°34	27° 5	9°38	n.a.	W 7
T 8	10 45 44	13°25'19	3♒46	29°24	9°28	6°30	11°32	15°24	28°58	17°40	13°13	27°36	27° 2	9°44	n.a.	T 8
F 9	10 49 41	14°24'08	15°51	1♓14	10°41	7° 8	11°42	15°32	28°55	17°42	13°13	27°37	26°59	9°51	n.a.	F 9
S 10	10 53 37	15°22'55	28° 8	3° 5	11°54	7°46	11°53	15°40	28°53	17°43	13°13	27°R37	26°55	9°58	n.a.	S 10
S 11	10 57 34	16°21'39	10♓37	4°58	13° 7	8°23	12° 3	15°48	28°50	17°44	13°13	27°37	26°52	10° 5	n.a.	S 11
M12	11 1 30	17°20'22	23°22	6°52	14°20	9° 1	12°13	15°55	28°48	17°46	13°14	27°35	26°49	10°11	n.a.	M12
T 13	11 5 27	18°19'03	6♈22	8°48	15°33	9°39	12°24	16° 3	28°46	17°47	13°14	27°33	26°46	10°18	n.a.	T 13
W14	11 9 24	19°17'41	19°36	10°45	16°45	10°16	12°35	16°11	28°43	17°48	13°14	27°30	26°43	10°25	n.a.	W14
T 15	11 13 20	20°16'18	3♉ 4	12°43	17°58	10°54	12°45	16°18	28°41	17°50	13°15	27°26	26°40	10°31	n.a.	T 15
F 16	11 17 17	21°14'52	16°44	14°43	19°11	11°32	12°56	16°26	28°38	17°51	13°15	27°23	26°36	10°38	n.a.	F 16
S 17	11 21 13	22°13'24	0♊35	16°45	20°24	12°10	13° 7	16°34	28°36	17°52	13°15	27°21	26°33	10°45	n.a.	S 17
S 18	11 25 10	23°11'54	14°36	18°47	21°36	12°47	13°18	16°41	28°34	17°53	13°16	27°20	26°30	10°51	n.a.	S 18
M19	11 29 6	24°10'21	28°44	20°51	22°49	13°25	13°29	16°49	28°32	17°55	13°16	27°D19	26°27	10°58	n.a.	M19
T 20	11 33 3	25° 8'47	12♋58	22°56	24° 1	14° 3	13°40	16°57	28°29	17°56	13°17	27°20	26°24	11° 5	n.a.	T 20
W21	11 36 59	26° 7'09	27°15	25° 3	25°14	14°40	13°52	17° 4	28°27	17°57	13°17	27°22	26°20	11°11	n.a.	W21
T 22	11 40 56	27° 5'30	11♌34	27° 9	26°26	15°18	14° 3	17°12	28°25	17°58	13°18	27°23	26°17	11°18	n.a.	T 22
F 23	11 44 52	28° 3'49	25°50	29°17	27°39	15°56	14°14	17°19	28°23	17°59	13°18	27°R24	26°14	11°25	n.a.	F 23
S 24	11 48 49	29° 2'05	10♍ 1	1♈25	28°51	16°33	14°26	17°27	28°21	18° 0	13°19	27°23	26°11	11°31	n.a.	S 24
S 25	11 52 46	0♈ 0'19	24° 1	3°33	0♉ 3	17°11	14°37	17°35	28°19	18° 1	13°19	27°21	26° 8	11°38	n.a.	S 25
M26	11 56 42	0°58'32	7♎48	5°42	1°15	17°49	14°49	17°42	28°16	18° 2	13°20	27°17	26° 5	11°45	n.a.	M26
T 27	12 0 39	1°56'42	21°18	7°50	2°28	18°26	15° 1	17°50	28°14	18° 3	13°20	27°12	26° 1	11°51	n.a.	T 27
W28	12 4 35	2°54'51	4♏28	9°57	3°40	19° 4	15°12	17°57	28°12	18° 4	13°21	27° 6	25°58	11°58	n.a.	W28
T 29	12 8 32	3°52'58	17°19	12° 4	4°52	19°41	15°24	18° 5	28°11	18° 5	13°22	27° 0	25°55	12° 5	n.a.	T 29
F 30	12 12 28	4°51'04	29°52	14° 9	6° 4	20°19	15°36	18°12	28° 9	18° 6	13°22	26°55	25°52	12°12	n.a.	F 30
S 31	12 16 25	5♈49'08	12♐ 8	16♈13	7♉15	20♉57	15♉48	18♓20	28♌ 7	18♑ 6	13♊23	26♒51	25♒49	12♑18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s13	19s34	5s 1	17s59	2s15	0s 9	0s34	13n 6	0n48	14n33	0s36	8s12	2s12	12n38	0n49	22s33	0n 1	21n10	1s31	12s28	12s31	27s16		n.a.
F 2	8 51	23 33	5 15	17 28	2 16	0n23	0 31	13 20	0 49	14 36	0 36	8 9	2 12	12 39	0 49	22 33	0 1	21 10	1 31	12 29	12 33	27 15		n.a.
S 3	8 29	26 24	5 15	16 56	2 16	0 55	0 29	13 33	0 49	14 39	0 36	8 6	2 12	12 40	0 49	22 33	0 1	21 10	1 31	12 29	12 34	27 14		n.a.
S 4	8 6	27 59	5 0	16 22	2 15	1 27	0 26	13 47	0 50	14 43	0 35	8 3	2 12	12 41	0 49	22 33	0 1	21 10	1 31	12 29	12 35	27 13		n.a.
M 5	7 44	28 16	4 33	15 47	2 15	1 58	0 24	14 0	0 50	14 46	0 35	8 0	2 12	12 42	0 49	22 33	0 1	21 10	1 31	12 29	12 36	27 12		n.a.
T 6	7 21	27 15	3 54	15 9	2 13	2 30	0 21	14 13	0 50	14 49	0 35	7 57	2 12	12 43	0 49	22 32	0 1	21 10	1 30	12 28	12 37	27 11		n.a.
W 7	6 58	24 59	3 5	14 31	2 11	3 2	0 18	14 27	0 51	14 52	0 35	7 54	2 12	12 44	0 49	22 32	0 1	21 10	1 30	12 28	12 38	27 10		n.a.
T 8	6 36	21 37	2 8	13 50	2 9	3 33	0 16	14 40	0 51	14 56	0 35	7 51	2 12	12 44	0 49	22 32	0 1	21 10	1 30	12 27	12 39	27 9		n.a.
F 9	6 13	17 18	1 5	13 8	2 6	4 5	0 13	14 53	0 52	14 59	0 35	7 48	2 12	12 45	0 49	22 32	0 1	21 10	1 30	12 27	12 40	27 8		n.a.
S 10	5 50	12 14	0n 3	12 24	2 3	4 36	0 10	15 5	0 52	15 3	0 34	7 45	2 12	12 46	0 49	22 32	0 1	21 11	1 30	12 27	12 41	27 7		n.a.
S 11	5 27	6 35	1 11	11 39	1 59	5 8	0 7	15 18	0 53	15 6	0 34	7 42	2 12	12 47	0 49	22 32	0 1	21 11	1 30	12 27	12 42	27 5		n.a.
M12	5 4	0 34	2 17	10 52	1 54	5 39	0 4	15 31	0 53	15 9	0 34	7 39	2 12	12 48	0 49	22 31	0 1	21 11	1 30	12 28	12 44	27 4		n.a.
T 13	4 40	5n34	3 18	10 3	1 49	6 10	0 2	15 43	0 53	15 13	0 34	7 36	2 12	12 49	0 49	22 31	0 1	21 11	1 30	12 28	12 45	27 3		n.a.
W14	4 17	11 35	4 8	9 13	1 44	6 41	0n 1	15 56	0 54	15 16	0 34	7 33	2 12	12 50	0 49	22 31	0 1	21 11	1 30	12 29	12 46	27 2		n.a.
T 15	3 54	17 9	4 46	8 22	1 38	7 12	0 4	16 8	0 54	15 20	0 33	7 30	2 12	12 50	0 49	22 31	0 1	21 11	1 30	12 31	12 47	27 1		n.a.
F 16	3 31	21 58	5 9	7 29	1 31	7 42	0 7	16 20	0 55	15 23	0 33	7 27	2 13	12 51	0 49	22 31	0 1	21 11	1 30	12 32	12 48	27 0		n.a.
S 17	3 7	25 38	5 14	6 35	1 24	8 13	0 10	16 33	0 55	15 27	0 33	7 24	2 13	12 52	0 49	22 31	0 1	21 11	1 29	12 33	12 49	26 58		n.a.
S 18	2 44	27 48	5 0	5 39	1 16	8 43	0 13	16 45	0 55	15 30	0 33	7 21	2 13	12 53	0 49	22 30	0 1	21 12	1 29	12 33	12 50	26 57		n.a.
M19	2 21	28 12	4 28	4 43	1 8	9 13	0 16	16 57	0 56	15 34	0 33	7 18	2 13	12 54	0 49	22 30	0 1	21 12	1 29	12 33	12 51	26 56		n.a.
T 20	1 57	26 44	3 40	3 45	1 0	9 43	0 19	17 8	0 56	15 37	0 33	7 15	2 13	12 54	0 49	22 30	0 1	21 12	1 29	12 33	12 52	26 55		n.a.
W21	1 34	23 33	2 38	2 46	0 51	10 13	0 22	17 20	0 56	15 41	0 32	7 12	2 13	12 55	0 49	22 30	0 1	21 12	1 29	12 32	12 53	26 54		n.a.
T 22	1 10	18 54	1 26	1 46	0 41	10 42	0 25	17 32	0 57	15 44	0 32	7 9	2 13	12 56	0 49	22 30	0 1	21 12	1 29	12 32	12 54	26 53		n.a.
F 23	0 47	13 12	0 9	0 46	0 31	11 11	0 27	17 43	0 57	15 48	0 32	7 6	2 13	12 57	0 49	22 30	0 1	21 12	1 29	12 32	12 56	26 51		n.a.
S 24	0 23	6 51	1s 9	0n15	0 21	11 40	0 30	17 54	0 57	15 51	0 32	7 3	2 13	12 57	0 49	22 30	0 1	21 13	1 29	12 32	12 57	26 50		n.a.
S 25	0n 0	0 16	2 20	1 16	0 11	12 9	0 33	18 6	0 58	15 55	0 32	7 0	2 13	12 58	0 49	22 30	0 1	21 13	1 29	12 33	12 58	26 49		n.a.
M26	0 24	6s14	3 23	2 17	0n 0	12 37	0 36	18 17	0 58	15 59	0 32	6 57	2 13	12 59	0 49	22 29	0 1	21 13	1 29	12 34	12 59	26 48		n.a.
T 27	0 47	12 18	4 12	3 19	0 11	13 5	0 39	18 28	0 58	16 2	0 31	6 54	2 13	12 59	0 49	22 29	0 1	21 13	1 28	12 36	13 0	26 46		n.a.
W28	1 10	17 40	4 47	4 19	0 22	13 33	0 42	18 38	0 59	16 6	0 31	6 52	2 13	13 0	0 49	22 29	0 1	21 13	1 28	12 38	13 1	26 45		n.a.
T 29	1 34	22 6	5 6	5 20	0 33	14 1	0 45	18 49	0 59	16 10	0 31	6 49	2 13	13 1	0 49	22 29	0 1	21 13	1 28	12 40	13 2	26 44		n.a.
F 30	1 57	25 25	5 10	6 19	0 43	14 28	0 48	19 0	0 59	16 13	0 31	6 46	2 13	13 1	0 49	22 29	0 1	21 14	1 28	12 41	13 3	26 43		n.a.
S 31	2n20	27s28	5s 0	7n17	0n54	14n54	0n51	19n10	1n 0	16n17	0s31	6s43	2s13	13n 2	0n49	22s29	0n 1	21n14	1s28	12s43	13s 4	26s41		n.a.

Julian Day Number = 1611542.5, Delta T = 03h52m58s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'29, Lahiri = - 8°06'29 Julian Calendar 1 March 301 BCE == Greg. Calendar 25 Feb. 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

APRIL 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 20 21	6♈47'11	24♐11	18♈16	8♉27	21♉34	16♉ 0	18♓27	28°R 5	18♑ 7	13♊24	26°R48	25♒46	12♑25	n.a.	S 1
M 2	12 24 18	7°45'12	6♑ 5	20°16	9°39	22°12	16°12	18°34	28♌ 3	18° 8	13°24	26°D47	25°42	12°32	n.a.	M 2
T 3	12 28 15	8°43'12	17°56	22°14	10°51	22°50	16°24	18°42	28° 1	18° 9	13°25	26♒48	25°39	12°38	n.a.	T 3
W 4	12 32 11	9°41'10	29°48	24° 9	12° 2	23°27	16°37	18°49	27°59	18° 9	13°26	26°49	25°36	12°45	n.a.	W 4
T 5	12 36 8	10°39'06	11♒46	26° 2	13°14	24° 5	16°49	18°57	27°58	18°10	13°27	26°51	25°33	12°52	n.a.	T 5
F 6	12 40 4	11°37'02	23°55	27°51	14°26	24°42	17° 1	19° 4	27°56	18°11	13°28	26°R51	25°30	12°58	n.a.	F 6
S 7	12 44 1	12°34'56	6♓19	29°38	15°37	25°20	17°14	19°11	27°55	18°11	13°28	26°51	25°26	13° 5	n.a.	S 7
S 8	12 47 57	13°32'48	19° 1	1♉21	16°48	25°58	17°26	19°18	27°53	18°12	13°29	26°49	25°23	13°12	n.a.	S 8
M 9	12 51 54	14°30'39	2♈ 3	3° 1	18° 0	26°35	17°39	19°26	27°51	18°12	13°30	26°44	25°20	13°18	n.a.	M 9
T 10	12 55 50	15°28'28	15°24	4°37	19°11	27°13	17°51	19°33	27°50	18°13	13°31	26°38	25°17	13°25	n.a.	T 10
W11	12 59 47	16°26'16	29° 4	6°10	20°22	27°51	18° 4	19°40	27°48	18°13	13°32	26°30	25°14	13°32	n.a.	W11
T 12	13 3 44	17°24'02	12♉59	7°40	21°33	28°28	18°17	19°47	27°47	18°14	13°33	26°22	25°11	13°38	n.a.	T 12
F 13	13 7 40	18°21'47	27° 5	9° 6	22°44	29° 6	18°29	19°54	27°46	18°14	13°34	26°14	25° 7	13°45	n.a.	F 13
S 14	13 11 37	19°19'30	11♊17	10°28	23°55	29°43	18°42	20° 1	27°44	18°15	13°35	26° 8	25° 4	13°52	n.a.	S 14
S 15	13 15 33	20°17'12	25°32	11°46	25° 6	0♊21	18°55	20° 8	27°43	18°15	13°36	26° 3	25° 1	13°58	n.a.	S 15
M16	13 19 30	21°14'51	9♋46	13° 0	26°17	0°59	19° 8	20°15	27°42	18°15	13°37	26° 1	24°58	14° 5	n.a.	M16
T 17	13 23 26	22°12'29	23°56	14°11	27°28	1°36	19°21	20°22	27°41	18°15	13°38	26°D 0	24°55	14°12	n.a.	T 17
W18	13 27 23	23°10'06	8♌ 2	15°17	28°38	2°14	19°34	20°29	27°40	18°16	13°39	26° 1	24°52	14°18	n.a.	W18
T 19	13 31 19	24° 7'40	22° 1	16°20	29°49	2°51	19°47	20°36	27°39	18°16	13°40	26°R 1	24°48	14°25	n.a.	T 19
F 20	13 35 16	25° 5'13	5♍54	17°18	1♊ 0	3°29	20° 0	20°43	27°38	18°16	13°41	26° 1	24°45	14°32	n.a.	F 20
S 21	13 39 13	26° 2'45	19°38	18°13	2°10	4° 7	20°13	20°50	27°37	18°16	13°42	25°59	24°42	14°38	n.a.	S 21
S 22	13 43 9	27° 0'15	3♎13	19° 3	3°20	4°44	20°26	20°56	27°36	18°16	13°43	25°54	24°39	14°45	n.a.	S 22
M23	13 47 6	27°57'44	16°37	19°48	4°30	5°22	20°39	21° 3	27°35	18°16	13°44	25°47	24°36	14°52	n.a.	M23
T 24	13 51 2	28°55'11	29°49	20°30	5°41	5°59	20°52	21°10	27°34	18°16	13°45	25°37	24°32	14°59	n.a.	T 24
W25	13 54 59	29°52'37	12♏45	21° 7	6°51	6°37	21° 5	21°16	27°33	18°R16	13°47	25°27	24°29	15° 5	n.a.	W25
T 26	13 58 55	0♉50'03	25°27	21°40	8° 1	7°15	21°19	21°23	27°32	18°16	13°48	25°15	24°26	15°12	n.a.	T 26
F 27	14 2 52	1°47'27	7♐53	22° 8	9°11	7°52	21°32	21°30	27°32	18°16	13°49	25° 5	24°23	15°19	n.a.	F 27
S 28	14 6 48	2°44'50	20° 6	22°31	10°20	8°30	21°45	21°36	27°31	18°16	13°50	24°56	24°20	15°25	n.a.	S 28
S 29	14 10 45	3°42'13	2♑ 7	22°50	11°30	9° 7	21°58	21°42	27°30	18°16	13°51	24°49	24°17	15°32	n.a.	S 29
M30	14 14 42	4♉39'35	14♑ 0	23♉ 4	12♊40	9♊45	22♉12	21♓49	27♌30	18♑16	13♊53	24♒45	24♒13	15♑39	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n44	28s12	4s36	8n14	1n 5	15n21	0n54	19n21	1n 0	16n21	0s31	6s40	2s14	13n 3	0n49	22s29	0n 1	21n14	1s28	12s44	13s 5	26s40		n.a.
M 2	3 7	27 36	4 1	9 10	1 15	15 47	0 57	19 31	1 0	16 24	0 30	6 37	2 14	13 3	0 49	22 29	0 1	21 14	1 28	12 44	13 6	26 39		n.a.
T 3	3 30	25 45	3 15	10 4	1 25	16 12	1 0	19 41	1 1	16 28	0 30	6 34	2 14	13 4	0 48	22 29	0 1	21 14	1 28	12 44	13 8	26 37		n.a.
W 4	3 53	22 45	2 21	10 56	1 34	16 38	1 3	19 51	1 1	16 32	0 30	6 31	2 14	13 4	0 48	22 28	0 1	21 14	1 28	12 44	13 9	26 36		n.a.
T 5	4 16	18 46	1 21	11 46	1 43	17 2	1 5	20 1	1 1	16 35	0 30	6 29	2 14	13 5	0 48	22 28	0 1	21 15	1 28	12 43	13 10	26 35		n.a.
F 6	4 39	13 58	0 16	12 34	1 51	17 27	1 8	20 10	1 1	16 39	0 30	6 26	2 14	13 6	0 48	22 28	0 1	21 15	1 28	12 43	13 11	26 33		n.a.
S 7	5 2	8 31	0n51	13 20	1 59	17 51	1 11	20 20	1 2	16 43	0 30	6 23	2 14	13 6	0 48	22 28	0 1	21 15	1 27	12 43	13 12	26 32		n.a.
S 8	5 25	2 37	1 57	14 3	2 6	18 14	1 14	20 29	1 2	16 46	0 30	6 20	2 14	13 7	0 48	22 28	0 1	21 15	1 27	12 44	13 13	26 31		n.a.
M 9	5 47	3n32	2 58	14 44	2 12	18 37	1 16	20 38	1 2	16 50	0 29	6 17	2 14	13 7	0 48	22 28	0 1	21 15	1 27	12 45	13 14	26 29		n.a.
T 10	6 10	9 41	3 51	15 23	2 18	19 0	1 19	20 47	1 2	16 54	0 29	6 15	2 14	13 8	0 48	22 28	0 1	21 16	1 27	12 47	13 15	26 28		n.a.
W11	6 32	15 30	4 32	15 59	2 23	19 22	1 22	20 56	1 3	16 57	0 29	6 12	2 15	13 8	0 48	22 28	0 1	21 16	1 27	12 50	13 16	26 27		n.a.
T 12	6 55	20 39	4 58	16 33	2 27	19 44	1 24	21 5	1 3	17 1	0 29	6 9	2 15	13 9	0 48	22 28	0 1	21 16	1 27	12 53	13 17	26 25		n.a.
F 13	7 17	24 42	5 6	17 4	2 30	20 5	1 27	21 14	1 3	17 5	0 29	6 6	2 15	13 9	0 48	22 28	0 1	21 16	1 27	12 56	13 18	26 24		n.a.
S 14	7 39	27 17	4 56	17 33	2 33	20 26	1 29	21 22	1 3	17 8	0 29	6 4	2 15	13 9	0 48	22 28	0 1	21 16	1 27	12 58	13 19	26 23		n.a.
S 15	8 1	28 6	4 27	18 0	2 34	20 46	1 32	21 31	1 4	17 12	0 29	6 1	2 15	13 10	0 48	22 28	0 1	21 17	1 27	12 59	13 21	26 21		n.a.
M16	8 23	27 3	3 42	18 24	2 35	21 5	1 34	21 39	1 4	17 16	0 28	5 58	2 15	13 10	0 48	22 28	0 0	21 17	1 27	13 0	13 22	26 20		n.a.
T 17	8 45	24 16	2 43	18 45	2 35	21 24	1 37	21 47	1 4	17 20	0 28	5 56	2 15	13 11	0 48	22 28	0 0	21 17	1 27	13 0	13 23	26 19		n.a.
W18	9 7	20 1	1 35	19 4	2 34	21 43	1 39	21 55	1 4	17 23	0 28	5 53	2 16	13 11	0 48	22 28	0 0	21 17	1 26	13 0	13 24	26 17		n.a.
T 19	9 28	14 41	0 21	19 21	2 32	22 1	1 41	22 2	1 5	17 27	0 28	5 51	2 16	13 11	0 48	22 28	0 0	21 18	1 26	13 0	13 25	26 16		n.a.
F 20	9 50	8 39	0s53	19 35	2 29	22 18	1 44	22 10	1 5	17 31	0 28	5 48	2 16	13 12	0 48	22 28	0 0	21 18	1 26	13 0	13 26	26 14		n.a.
S 21	10 11	2 17	2 3	19 47	2 25	22 35	1 46	22 17	1 5	17 34	0 28	5 45	2 16	13 12	0 48	22 28	0 0	21 18	1 26	13 1	13 27	26 13		n.a.
S 22	10 32	4s 7	3 5	19 57	2 21	22 51	1 48	22 25	1 5	17 38	0 28	5 43	2 16	13 12	0 48	22 28	0 0	21 18	1 26	13 2	13 28	26 11		n.a.
M23	10 53	10 14	3 56	20 4	2 15	23 6	1 50	22 32	1 5	17 42	0 28	5 40	2 16	13 13	0 48	22 28	0 0	21 18	1 26	13 5	13 29	26 10		n.a.
T 24	11 13	15 47	4 33	20 9	2 9	23 21	1 52	22 39	1 6	17 45	0 27	5 38	2 16	13 13	0 48	22 28	0 0	21 19	1 26	13 8	13 30	26 9		n.a.
W25	11 34	20 32	4 56	20 12	2 1	23 36	1 54	22 46	1 6	17 49	0 27	5 35	2 17	13 13	0 48	22 28	0 0	21 19	1 26	13 12	13 31	26 7		n.a.
T 26	11 54	24 15	5 3	20 13	1 53	23 49	1 56	22 52	1 6	17 52	0 27	5 33	2 17	13 13	0 48	22 28	0 0	21 19	1 26	13 16	13 32	26 6		n.a.
F 27	12 14	26 45	4 55	20 11	1 43	24 2	1 58	22 59	1 6	17 56	0 27	5 30	2 17	13 13	0 48	22 28	0 0	21 19	1 26	13 19	13 33	26 4		n.a.
S 28	12 34	27 55	4 35	20 7	1 33	24 15	2 0	23 5	1 6	18 0	0 27	5 28	2 17	13 14	0 48	22 28	0 0	21 20	1 26	13 22	13 34	26 3		n.a.
S 29	12 54	27 45	4 2	20 1	1 22	24 26	2 1	23 11	1 6	18 3	0 27	5 26	2 17	13 14	0 48	22 28	0 0	21 20	1 26	13 24	13 36	26 1		n.a.
M30	13n14	26s17	3s19	19n53	1n10	24n37	2n 3	23n17	1n 7	18n 7	0s27	5s23	2s17	13n14	0n48	22s28	0n 0	21n20	1s25	13s26	13s37	26s 0		n.a.

Julian Day Number = 1611573.5, Delta T = 03h52m57s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'25, Lahiri = - 8°06'25 Julian Calendar 1 Apr. 301 BCE == Greg. Calendar 28 March 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

MAY 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 18 38	5♉36'56	25♋50	23♉14	13♊49	10♊22	22♉25	21♓55	27°R29	18°R16	13♊54	24°R43	24♒10	15♋45	n.a.	T 1
W 2	14 22 35	6°34'16	7♒41	23°19	14°59	11° 0	22°39	22° 1	27♌29	18♋16	13°55	24°D43	24° 7	15°52	n.a.	W 2
T 3	14 26 31	7°31'36	19°39	23°R19	16° 8	11°38	22°52	22° 7	27°29	18°15	13°56	24°R43	24° 4	15°59	n.a.	T 3
F 4	14 30 28	8°28'54	1♓50	23°15	17°17	12°15	23° 5	22°14	27°28	18°15	13°58	24♒43	24° 1	16° 5	n.a.	F 4
S 5	14 34 24	9°26'13	14°17	23° 7	18°26	12°53	23°19	22°20	27°28	18°15	13°59	24°41	23°57	16°12	n.a.	S 5
S 6	14 38 21	10°23'30	27° 5	22°54	19°35	13°30	23°32	22°26	27°28	18°14	14° 0	24°38	23°54	16°19	n.a.	S 6
M 7	14 42 17	11°20'47	10♈18	22°38	20°44	14° 8	23°46	22°32	27°28	18°14	14° 2	24°32	23°51	16°25	n.a.	M 7
T 8	14 46 14	12°18'04	23°55	22°17	21°53	14°46	23°59	22°38	27°28	18°14	14° 3	24°23	23°48	16°32	n.a.	T 8
W 9	14 50 11	13°15'19	7♉55	21°54	23° 2	15°23	24°13	22°43	27°28	18°13	14° 4	24°13	23°45	16°39	n.a.	W 9
T 10	14 54 7	14°12'35	22°15	21°27	24°10	16° 1	24°27	22°49	27°D28	18°13	14° 6	24° 1	23°42	16°45	n.a.	T 10
F 11	14 58 4	15° 9'49	6♊47	20°58	25°19	16°38	24°40	22°55	27°28	18°12	14° 7	23°50	23°38	16°52	n.a.	F 11
S 12	15 2 0	16° 7'03	21°25	20°27	26°27	17°16	24°54	23° 1	27°28	18°12	14° 9	23°41	23°35	16°59	n.a.	S 12
S 13	15 5 57	17° 4'16	6♋ 1	19°55	27°35	17°54	25° 7	23° 6	27°28	18°11	14°10	23°34	23°32	17° 5	n.a.	S 13
M14	15 9 53	18° 1'28	20°31	19°21	28°43	18°31	25°21	23°12	27°28	18°11	14°11	23°30	23°29	17°12	n.a.	M14
T 15	15 13 50	18°58'40	4♌49	18°47	29°51	19° 9	25°35	23°17	27°28	18°10	14°13	23°28	23°26	17°19	n.a.	T 15
W16	15 17 46	19°55'50	18°54	18°14	0♋59	19°47	25°48	23°23	27°29	18° 9	14°14	23°28	23°23	17°25	n.a.	W16
T 17	15 21 43	20°53'00	2♍45	17°41	2° 7	20°24	26° 2	23°28	27°29	18° 9	14°16	23°28	23°19	17°32	n.a.	T 17
F 18	15 25 40	21°50'08	16°23	17° 9	3°15	21° 2	26°15	23°33	27°29	18° 8	14°17	23°27	23°16	17°39	n.a.	F 18
S 19	15 29 36	22°47'16	29°49	16°39	4°22	21°39	26°29	23°38	27°30	18° 7	14°19	23°23	23°13	17°45	n.a.	S 19
S 20	15 33 33	23°44'24	13♎ 2	16°12	5°29	22°17	26°43	23°43	27°30	18° 6	14°20	23°18	23°10	17°52	n.a.	S 20
M21	15 37 29	24°41'31	26° 5	15°47	6°37	22°55	26°56	23°48	27°31	18° 6	14°21	23° 9	23° 7	17°59	n.a.	M21
T 22	15 41 26	25°38'37	8♏55	15°26	7°44	23°32	27°10	23°53	27°32	18° 5	14°23	22°58	23° 3	18° 5	n.a.	T 22
W23	15 45 22	26°35'43	21°34	15° 8	8°50	24°10	27°24	23°58	27°32	18° 4	14°24	22°45	23° 0	18°12	n.a.	W23
T 24	15 49 19	27°32'49	4♐ 2	14°54	9°57	24°47	27°37	24° 3	27°33	18° 3	14°26	22°32	22°57	18°19	n.a.	T 24
F 25	15 53 15	28°29'55	16°18	14°45	11° 4	25°25	27°51	24° 8	27°34	18° 2	14°27	22°20	22°54	18°25	n.a.	F 25
S 26	15 57 12	29°27'01	28°23	14°40	12°10	26° 3	28° 5	24°12	27°35	18° 1	14°29	22° 9	22°51	18°32	n.a.	S 26
S 27	16 1 9	0♊24'07	10♋20	14°D39	13°16	26°40	28°18	24°17	27°36	18° 0	14°30	22° 1	22°48	18°39	n.a.	S 27
M28	16 5 5	1°21'12	22°10	14°44	14°22	27°18	28°32	24°22	27°36	17°59	14°32	21°55	22°44	18°45	n.a.	M28
T 29	16 9 2	2°18'18	3♒58	14°53	15°28	27°56	28°46	24°26	27°37	17°58	14°33	21°52	22°41	18°52	n.a.	T 29
W30	16 12 58	3°15'24	15°48	15° 7	16°34	28°33	28°59	24°30	27°39	17°57	14°35	21°51	22°38	18°59	n.a.	W30
T 31	16 16 55	4♊12'30	27♒45	15♉26	17♋39	29♊11	29♉13	24♓35	27♌40	17♋56	14♊37	21°D51	22♒35	19♋ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	13n33	23s39	2s27	19n43	0n57	24n48	2n 4	23n23	1n 7	18n10	0s27	5s21	2s18	13n14	0n47	22s28	0n 0	21n20	1s25	13s27	13s38	25s58			n.a.
W 2	13 53	20 1	1 29	19 31	0 43	24 58	2 6	23 28	1 7	18 14	0 26	5 18	2 18	13 14	0 47	22 28	0 0	21 20	1 25	13 27	13 39	25 57			n.a.
T 3	14 11	15 32	0 27	19 17	0 28	25 7	2 7	23 34	1 7	18 18	0 26	5 16	2 18	13 14	0 47	22 28	0 0	21 21	1 25	13 27	13 40	25 55			n.a.
F 4	14 30	10 22	0n38	19 2	0 13	25 15	2 9	23 39	1 7	18 21	0 26	5 14	2 18	13 14	0 47	22 28	0 0	21 21	1 25	13 27	13 41	25 54			n.a.
S 5	14 49	4 42	1 42	18 44	0s 2	25 23	2 10	23 44	1 7	18 25	0 26	5 12	2 18	13 14	0 47	22 28	0 0	21 21	1 25	13 27	13 42	25 52			n.a.
S 6	15 7	1n19	2 43	18 25	0 19	25 30	2 11	23 49	1 8	18 28	0 26	5 9	2 19	13 14	0 47	22 28	0 0	21 21	1 25	13 28	13 43	25 51			n.a.
M 7	15 25	7 26	3 37	18 5	0 35	25 36	2 12	23 54	1 8	18 32	0 26	5 7	2 19	13 14	0 47	22 28	0 0	21 22	1 25	13 30	13 44	25 49			n.a.
T 8	15 43	13 24	4 20	17 44	0 52	25 42	2 13	23 59	1 8	18 35	0 26	5 5	2 19	13 14	0 47	22 28	0 0	21 22	1 25	13 33	13 45	25 48			n.a.
W 9	16 1	18 52	4 49	17 21	1 9	25 46	2 14	24 3	1 8	18 39	0 26	5 3	2 19	13 14	0 47	22 28	0 0	21 22	1 25	13 37	13 46	25 46			n.a.
T 10	16 18	23 23	5 1	16 58	1 26	25 51	2 15	24 7	1 8	18 42	0 25	5 1	2 19	13 14	0 47	22 28	0 0	21 22	1 25	13 41	13 47	25 44			n.a.
F 11	16 35	26 31	4 53	16 34	1 43	25 54	2 15	24 11	1 8	18 46	0 25	4 59	2 20	13 14	0 47	22 29	0 0	21 23	1 25	13 44	13 48	25 43			n.a.
S 12	16 52	27 53	4 27	16 10	2 0	25 57	2 16	24 15	1 8	18 49	0 25	4 56	2 20	13 14	0 47	22 29	0 0	21 23	1 25	13 47	13 49	25 41			n.a.
S 13	17 8	27 18	3 43	15 46	2 16	25 59	2 16	24 19	1 9	18 52	0 25	4 54	2 20	13 14	0 47	22 29	0 0	21 23	1 24	13 50	13 50	25 40			n.a.
M14	17 25	24 51	2 45	15 22	2 31	26 0	2 17	24 22	1 9	18 56	0 25	4 52	2 20	13 14	0 47	22 29	0 0	21 23	1 24	13 51	13 51	25 38			n.a.
T 15	17 41	20 52	1 37	14 58	2 46	26 1	2 17	24 26	1 9	18 59	0 25	4 50	2 20	13 14	0 47	22 29	0 0	21 24	1 24	13 52	13 53	25 37			n.a.
W16	17 56	15 43	0 24	14 36	3 0	26 1	2 17	24 29	1 9	19 3	0 25	4 48	2 21	13 14	0 47	22 29	0 0	21 24	1 24	13 52	13 54	25 35			n.a.
T 17	18 12	9 51	0s49	14 14	3 13	26 0	2 17	24 32	1 9	19 6	0 25	4 47	2 21	13 14	0 47	22 29	0 0	21 24	1 24	13 52	13 55	25 33			n.a.
F 18	18 27	3 38	1 58	13 54	3 24	25 59	2 17	24 35	1 9	19 9	0 25	4 45	2 21	13 13	0 47	22 29	0 0	21 24	1 24	13 52	13 56	25 32			n.a.
S 19	18 42	2s40	2 59	13 35	3 35	25 57	2 17	24 37	1 9	19 13	0 25	4 43	2 21	13 13	0 47	22 29	0 0	21 24	1 24	13 53	13 57	25 30			n.a.
S 20	18 56	8 44	3 50	13 19	3 44	25 54	2 17	24 40	1 9	19 16	0 24	4 41	2 21	13 13	0 47	22 29	0 0	21 25	1 24	13 55	13 58	25 29			n.a.
M21	19 10	14 20	4 28	13 4	3 52	25 50	2 17	24 42	1 9	19 19	0 24	4 39	2 22	13 13	0 47	22 30	0 0	21 25	1 24	13 58	13 59	25 27			n.a.
T 22	19 24	19 14	4 51	12 52	3 59	25 46	2 16	24 44	1 10	19 22	0 24	4 37	2 22	13 12	0 47	22 30	0 0	21 25	1 24	14 2	14 0	25 25			n.a.
W23	19 38	23 12	5 0	12 41	4 4	25 41	2 16	24 46	1 10	19 26	0 24	4 36	2 22	13 12	0 47	22 30	0 0	21 25	1 24	14 6	14 1	25 24			n.a.
T 24	19 51	26 1	4 54	12 34	4 8	25 36	2 15	24 47	1 10	19 29	0 24	4 34	2 22	13 12	0 47	22 30	0 0	21 26	1 24	14 10	14 2	25 22			n.a.
F 25	20 4	27 34	4 35	12 29	4 10	25 30	2 14	24 49	1 10	19 32	0 24	4 32	2 23	13 12	0 46	22 30	0 0	21 26	1 24	14 14	14 3	25 20			n.a.
S 26	20 17	27 46	4 3	12 26	4 11	25 23	2 13	24 50	1 10	19 35	0 24	4 31	2 23	13 11	0 46	22 30	0s 0	21 26	1 24	14 18	14 4	25 19			n.a.
S 27	20 29	26 40	3 21	12 26	4 11	25 15	2 12	24 51	1 10	19 38	0 24	4 29	2 23	13 11	0 46	22 30	0 0	21 26	1 23	14 21	14 5	25 17			n.a.
M28	20 41	24 21	2 30	12 28	4 10	25 7	2 11	24 52	1 10	19 42	0 24	4 27	2 23	13 11	0 46	22 30	0 0	21 27	1 23	14 22	14 6	25 15			n.a.
T 29	20 53	21 1	1 33	12 33	4 8	24 58	2 10	24 53	1 10	19 45	0 24	4 26	2 24	13 10	0 46	22 31	0 0	21 27	1 23	14 24	14 7	25 14			n.a.
W30	21 4	16 48	0 32	12 41	4 4	24 49	2 8	24 54	1 10	19 48	0 23	4 24	2 24	13 10	0 46	22 31	0 0	21 27	1 23	14 24	14 8	25 12			n.a.
T 31	21n15	11s55	0n31	12n50	4s 0	24n39	2n 7	24n54	1n10	19n51	0s23	4s23	2s24	13n 9	0n46	22s31	0s 0	21n27	1s23	14s24	14s 9	25s10			n.a.

Julian Day Number = 1611603.5, Delta T = 03h52m56s
Ecliptic obliquity = 23°44'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'21, Lahiri = - 8°06'20 Julian Calendar 1 May 301 BCE == Greg. Calendar 27 Apr. 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

JUNE 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 20 51	5♊ 9'37	9♓54	15♉49	18♋45	29♊49	29♉26	24♓39	27♌41	17°R55	14♊38	21°R51	22♒32	19♑12	n.a.	F 1
S 2	16 24 48	6° 6'43	22°21	16°18	19°50	0♋26	29°40	24°43	27°42	17♑54	14°40	21♒50	22°29	19°19	n.a.	S 2
S 3	16 28 45	7° 3'50	5♈10	16°52	20°55	1° 4	29°54	24°47	27°43	17°53	14°41	21°47	22°25	19°25	n.a.	S 3
M 4	16 32 41	8° 0'58	18°25	17°30	21°59	1°42	0♊ 7	24°51	27°45	17°52	14°43	21°42	22°22	19°32	n.a.	M 4
T 5	16 36 38	8°58'06	2♉ 8	18°13	23° 4	2°19	0°21	24°55	27°46	17°51	14°44	21°34	22°19	19°39	n.a.	T 5
W 6	16 40 34	9°55'14	16°19	19° 1	24° 8	2°57	0°34	24°58	27°47	17°50	14°46	21°25	22°16	19°45	n.a.	W 6
T 7	16 44 31	10°52'23	0♊53	19°54	25°12	3°35	0°48	25° 2	27°49	17°48	14°47	21°14	22°13	19°52	n.a.	T 7
F 8	16 48 27	11°49'32	15°44	20°51	26°16	4°13	1° 1	25° 6	27°50	17°47	14°49	21° 4	22° 9	19°59	n.a.	F 8
S 9	16 52 24	12°46'41	0♋44	21°53	27°20	4°50	1°15	25° 9	27°52	17°46	14°50	20°56	22° 6	20° 5	n.a.	S 9
S 10	16 56 20	13°43'51	15°42	22°59	28°23	5°28	1°28	25°12	27°53	17°45	14°52	20°49	22° 3	20°12	n.a.	S 10
M11	17 0 17	14°41'01	0♌31	24°10	29°27	6° 6	1°42	25°16	27°55	17°43	14°54	20°46	22° 0	20°19	n.a.	M11
T 12	17 4 14	15°38'10	15° 5	25°25	0♌29	6°44	1°55	25°19	27°57	17°42	14°55	20°D44	21°57	20°25	n.a.	T 12
W13	17 8 10	16°35'20	29°19	26°44	1°32	7°21	2° 9	25°22	27°58	17°41	14°57	20°44	21°54	20°32	n.a.	W13
T 14	17 12 7	17°32'30	13♍13	28° 8	2°35	7°59	2°22	25°25	28° 0	17°39	14°58	20°R45	21°50	20°39	n.a.	T 14
F 15	17 16 3	18°29'40	26°47	29°36	3°37	8°37	2°36	25°28	28° 2	17°38	15° 0	20°45	21°47	20°45	n.a.	F 15
S 16	17 20 0	19°26'51	10♎ 4	1♊ 7	4°39	9°15	2°49	25°31	28° 4	17°37	15° 1	20°43	21°44	20°52	n.a.	S 16
S 17	17 23 56	20°24'01	23° 4	2°43	5°40	9°53	3° 2	25°34	28° 6	17°35	15° 3	20°39	21°41	20°59	n.a.	S 17
M18	17 27 53	21°21'13	5♏50	4°22	6°41	10°30	3°15	25°36	28° 8	17°34	15° 4	20°32	21°38	21° 5	n.a.	M18
T 19	17 31 50	22°18'24	18°23	6° 5	7°42	11° 8	3°29	25°39	28°10	17°32	15° 6	20°23	21°35	21°12	n.a.	T 19
W20	17 35 46	23°15'36	0♐46	7°52	8°43	11°46	3°42	25°41	28°12	17°31	15° 7	20°14	21°31	21°19	n.a.	W20
T 21	17 39 43	24°12'49	12°59	9°41	9°43	12°24	3°55	25°44	28°14	17°30	15° 9	20° 3	21°28	21°25	n.a.	T 21
F 22	17 43 39	25°10'02	25° 4	11°34	10°43	13° 2	4° 8	25°46	28°16	17°28	15°11	19°54	21°25	21°32	n.a.	F 22
S 23	17 47 36	26° 7'16	7♑ 2	13°29	11°43	13°40	4°21	25°48	28°18	17°27	15°12	19°45	21°22	21°39	n.a.	S 23
S 24	17 51 32	27° 4'31	18°53	15°27	12°42	14°17	4°34	25°50	28°21	17°25	15°14	19°39	21°19	21°45	n.a.	S 24
M25	17 55 29	28° 1'47	0♒41	17°27	13°41	14°55	4°47	25°52	28°23	17°24	15°15	19°35	21°15	21°52	n.a.	M25
T 26	17 59 25	28°59'04	12°29	19°29	14°39	15°33	5° 1	25°54	28°25	17°22	15°17	19°33	21°12	21°59	n.a.	T 26
W27	18 3 22	29°56'22	24°19	21°32	15°37	16°11	5°13	25°56	28°28	17°21	15°18	19°D32	21° 9	22° 5	n.a.	W27
T 28	18 7 19	0♋53'40	6♓17	23°36	16°35	16°49	5°26	25°57	28°30	17°19	15°20	19°33	21° 6	22°12	n.a.	T 28
F 29	18 11 15	1°51'00	18°26	25°41	17°32	17°27	5°39	25°59	28°32	17°17	15°21	19°35	21° 3	22°19	n.a.	F 29
S 30	18 15 12	2♋48'22	0♈51	27♊46	18♌29	18♋ 5	5♊52	26♓ 0	28♌35	17♑16	15♊23	19°R35	21♒ 0	22♑25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n25	6s30	1n34	13n 3	3s54	24n28	2n 5	24n54	1n10	19n54	0s23	4s21	2s24	13n 9	0n46	22s31	0s 0	21n28	1s23	14s24	14s10	25s 9		n.a.
S 2	21 36	0 43	2 34	13 17	3 48	24 17	2 4	24 54	1 10	19 57	0 23	4 20	2 25	13 8	0 46	22 31	0 0	21 28	1 23	14 24	14 11	25 7		n.a.
S 3	21 45	5n16	3 29	13 34	3 40	24 5	2 2	24 54	1 10	20 0	0 23	4 19	2 25	13 8	0 46	22 31	0 0	21 28	1 23	14 25	14 13	25 5		n.a.
M 4	21 55	11 12	4 13	13 52	3 32	23 53	2 0	24 54	1 11	20 3	0 23	4 17	2 25	13 7	0 46	22 32	0 0	21 28	1 23	14 27	14 14	25 3		n.a.
T 5	22 4	16 49	4 45	14 13	3 24	23 40	1 58	24 53	1 11	20 6	0 23	4 16	2 25	13 7	0 46	22 32	0 0	21 29	1 23	14 29	14 15	25 2		n.a.
W 6	22 13	21 43	5 1	14 35	3 14	23 26	1 55	24 53	1 11	20 9	0 23	4 15	2 26	13 6	0 46	22 32	0 0	21 29	1 23	14 32	14 16	25 0		n.a.
T 7	22 21	25 26	4 58	14 59	3 4	23 12	1 53	24 52	1 11	20 12	0 23	4 13	2 26	13 6	0 46	22 32	0 0	21 29	1 23	14 36	14 17	24 58		n.a.
F 8	22 29	27 31	4 35	15 24	2 53	22 58	1 50	24 51	1 11	20 15	0 23	4 12	2 26	13 5	0 46	22 32	0 0	21 29	1 23	14 39	14 18	24 56		n.a.
S 9	22 37	27 37	3 53	15 51	2 42	22 42	1 48	24 49	1 11	20 18	0 23	4 11	2 27	13 5	0 46	22 32	0 0	21 30	1 23	14 42	14 19	24 55		n.a.
S 10	22 44	25 42	2 55	16 19	2 31	22 27	1 45	24 48	1 11	20 21	0 22	4 10	2 27	13 4	0 46	22 33	0 0	21 30	1 23	14 44	14 20	24 53		n.a.
M11	22 51	22 0	1 46	16 48	2 19	22 11	1 42	24 46	1 11	20 23	0 22	4 9	2 27	13 4	0 46	22 33	0 0	21 30	1 22	14 45	14 21	24 51		n.a.
T 12	22 57	17 0	0 30	17 18	2 6	21 54	1 39	24 44	1 11	20 26	0 22	4 8	2 27	13 3	0 46	22 33	0 0	21 30	1 22	14 45	14 22	24 49		n.a.
W13	23 3	11 8	0s46	17 49	1 54	21 37	1 36	24 42	1 11	20 29	0 22	4 7	2 28	13 2	0 46	22 33	0 0	21 30	1 22	14 45	14 23	24 48		n.a.
T 14	23 8	4 53	1 57	18 21	1 41	21 19	1 32	24 40	1 11	20 32	0 22	4 6	2 28	13 2	0 46	22 33	0 0	21 31	1 22	14 45	14 24	24 46		n.a.
F 15	23 14	1s27	3 0	18 53	1 28	21 1	1 29	24 38	1 11	20 35	0 22	4 5	2 28	13 1	0 46	22 34	0 0	21 31	1 22	14 45	14 25	24 44		n.a.
S 16	23 18	7 34	3 52	19 25	1 15	20 43	1 25	24 35	1 11	20 37	0 22	4 4	2 28	13 0	0 46	22 34	0 0	21 31	1 22	14 46	14 26	24 42		n.a.
S 17	23 23	13 15	4 30	19 57	1 2	20 24	1 21	24 32	1 11	20 40	0 22	4 3	2 29	13 0	0 46	22 34	0 0	21 31	1 22	14 47	14 27	24 40		n.a.
M18	23 27	18 15	4 55	20 28	0 49	20 5	1 17	24 30	1 11	20 43	0 22	4 3	2 29	12 59	0 46	22 34	0 0	21 32	1 22	14 49	14 28	24 39		n.a.
T 19	23 30	22 23	5 4	20 59	0 37	19 45	1 13	24 26	1 11	20 45	0 22	4 2	2 29	12 58	0 45	22 34	0 0	21 32	1 22	14 52	14 29	24 37		n.a.
W20	23 34	25 26	5 0	21 30	0 24	19 25	1 9	24 23	1 11	20 48	0 22	4 1	2 30	12 57	0 45	22 35	0 0	21 32	1 22	14 55	14 30	24 35		n.a.
T 21	23 36	27 17	4 41	21 59	0 12	19 4	1 5	24 20	1 11	20 50	0 21	4 0	2 30	12 57	0 45	22 35	0 0	21 32	1 22	14 59	14 31	24 33		n.a.
F 22	23 39	27 48	4 10	22 27	0n 0	18 44	1 0	24 16	1 11	20 53	0 21	4 0	2 30	12 56	0 45	22 35	0 0	21 33	1 22	15 2	14 32	24 31		n.a.
S 23	23 41	27 0	3 28	22 54	0 12	18 22	0 56	24 12	1 11	20 56	0 21	3 59	2 30	12 55	0 45	22 35	0 0	21 33	1 22	15 4	14 33	24 29		n.a.
S 24	23 42	24 59	2 37	23 19	0 23	18 1	0 51	24 8	1 11	20 58	0 21	3 59	2 31	12 54	0 45	22 35	0 0	21 33	1 22	15 6	14 34	24 28		n.a.
M25	23 43	21 52	1 40	23 41	0 34	17 39	0 46	24 4	1 11	21 1	0 21	3 58	2 31	12 53	0 45	22 36	0 0	21 33	1 22	15 8	14 35	24 26		n.a.
T 26	23 44	17 52	0 38	24 2	0 44	17 17	0 41	23 59	1 11	21 3	0 21	3 58	2 31	12 52	0 45	22 36	0 0	21 33	1 22	15 8	14 36	24 24		n.a.
W27	23 44	13 10	0n26	24 20	0 53	16 55	0 36	23 55	1 11	21 5	0 21	3 57	2 32	12 52	0 45	22 36	0 0	21 34	1 22	15 8	14 37	24 22		n.a.
T 28	23 44	7 56	1 29	24 36	1 2	16 32	0 30	23 50	1 11	21 8	0 21	3 57	2 32	12 51	0 45	22 36	0 0	21 34	1 22	15 8	14 38	24 20		n.a.
F 29	23 43	2 20	2 30	24 49	1 10	16 9	0 25	23 45	1 11	21 10	0 21	3 56	2 32	12 50	0 45	22 36	0 0	21 34	1 21	15 8	14 39	24 18		n.a.
S 30	23n42	3n28	3n25	25n 0	1n17	15n46	0n19	23n40	1n11	21n13	0s21	3s56	2s33	12n49	0n45	22s37	0s 0	21n34	1s21	15s 7	14s40	24s16		n.a.

Julian Day Number = 1611634.5, Delta T = 03h52m55s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'17, Lahiri = - 8°06'16 Julian Calendar 1 June 301 BCE == Greg. Calendar 28 May 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

JULY 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 19 8	3♋45'44	13♈37	29♊52	19♌26	18♋43	6♊ 5	26♓ 1	28♌37	17°R14	15♊24	19°R35	20♒56	22♑32	n.a.	S 1
M 2	18 23 5	4°43'08	26°49	1♋58	20°21	19°21	6°18	26° 3	28°40	17♑13	15°26	19♒33	20°53	22°39	n.a.	M 2
T 3	18 27 1	5°40'33	10♉29	4° 3	21°17	19°59	6°30	26° 4	28°43	17°11	15°27	19°29	20°50	22°45	n.a.	T 3
W 4	18 30 58	6°38'00	24°38	6° 8	22°12	20°37	6°43	26° 5	28°45	17°10	15°29	19°24	20°47	22°52	n.a.	W 4
T 5	18 34 54	7°35'28	9♊13	8°12	23° 6	21°15	6°56	26° 6	28°48	17° 8	15°30	19°17	20°44	22°59	n.a.	T 5
F 6	18 38 51	8°32'57	24°10	10°15	24° 0	21°53	7° 8	26° 7	28°51	17° 6	15°32	19°11	20°41	23° 5	n.a.	F 6
S 7	18 42 48	9°30'28	9♋19	12°17	24°54	22°31	7°21	26° 7	28°53	17° 5	15°33	19° 6	20°37	23°12	n.a.	S 7
S 8	18 46 44	10°27'59	24°31	14°18	25°46	23° 9	7°33	26° 8	28°56	17° 3	15°34	19° 2	20°34	23°19	n.a.	S 8
M 9	18 50 41	11°25'32	9♌36	16°17	26°39	23°47	7°46	26° 8	28°59	17° 1	15°36	19° 1	20°31	23°25	n.a.	M 9
T 10	18 54 37	12°23'06	24°25	18°15	27°30	24°25	7°58	26° 9	29° 2	17° 0	15°37	19°D 0	20°28	23°32	n.a.	T 10
W11	18 58 34	13°20'41	8♍54	20°12	28°21	25° 3	8°10	26° 9	29° 5	16°58	15°39	19° 1	20°25	23°39	n.a.	W11
T 12	19 2 30	14°18'17	22°58	22° 8	29°11	25°42	8°22	26° 9	29° 8	16°57	15°40	19° 3	20°21	23°45	n.a.	T 12
F 13	19 6 27	15°15'54	6♎38	24° 2	0♍ 1	26°20	8°35	26°R 9	29°11	16°55	15°42	19° 4	20°18	23°52	n.a.	F 13
S 14	19 10 23	16°13'32	19°54	25°55	0°50	26°58	8°47	26° 9	29°14	16°53	15°43	19°R 4	20°15	23°59	n.a.	S 14
S 15	19 14 20	17°11'11	2♏50	27°46	1°38	27°36	8°59	26° 9	29°17	16°52	15°44	19° 3	20°12	24° 5	n.a.	S 15
M16	19 18 17	18° 8'51	15°28	29°36	2°25	28°14	9°11	26° 9	29°20	16°50	15°46	19° 1	20° 9	24°12	n.a.	M16
T 17	19 22 13	19° 6'33	27°51	1♌24	3°12	28°52	9°23	26° 8	29°23	16°48	15°47	18°57	20° 6	24°19	n.a.	T 17
W18	19 26 10	20° 4'16	10♐ 2	3°11	3°58	29°31	9°35	26° 8	29°26	16°47	15°48	18°52	20° 2	24°25	n.a.	W18
T 19	19 30 6	21° 2'00	22° 5	4°57	4°42	0♌ 9	9°46	26° 7	29°29	16°45	15°50	18°47	19°59	24°32	n.a.	T 19
F 20	19 34 3	21°59'46	4♑ 1	6°41	5°26	0°47	9°58	26° 7	29°32	16°43	15°51	18°43	19°56	24°39	n.a.	F 20
S 21	19 37 59	22°57'33	15°52	8°24	6° 9	1°25	10°10	26° 6	29°36	16°42	15°52	18°39	19°53	24°45	n.a.	S 21
S 22	19 41 56	23°55'21	27°41	10° 5	6°51	2° 4	10°21	26° 5	29°39	16°40	15°53	18°36	19°50	24°52	n.a.	S 22
M23	19 45 53	24°53'12	9♒30	11°45	7°32	2°42	10°33	26° 4	29°42	16°39	15°55	18°35	19°47	24°59	n.a.	M23
T 24	19 49 49	25°51'03	21°20	13°24	8°12	3°20	10°44	26° 3	29°45	16°37	15°56	18°D35	19°43	25° 5	n.a.	T 24
W25	19 53 46	26°48'57	3♓15	15° 1	8°51	3°59	10°55	26° 2	29°49	16°35	15°57	18°35	19°40	25°12	n.a.	W25
T 26	19 57 42	27°46'52	15°17	16°37	9°29	4°37	11° 7	26° 1	29°52	16°34	15°58	18°37	19°37	25°19	n.a.	T 26
F 27	20 1 39	28°44'50	27°30	18°11	10° 5	5°15	11°18	25°59	29°55	16°32	16° 0	18°38	19°34	25°25	n.a.	F 27
S 28	20 5 35	29°42'49	9♈58	19°45	10°41	5°54	11°29	25°58	29°59	16°31	16° 1	18°39	19°31	25°32	n.a.	S 28
S 29	20 9 32	0♌40'50	22°44	21°17	11°15	6°32	11°40	25°56	0♍ 2	16°29	16° 2	18°40	19°27	25°39	n.a.	S 29
M30	20 13 28	1°38'53	5♉52	22°47	11°48	7°11	11°51	25°54	0° 6	16°27	16° 3	18°R40	19°24	25°45	n.a.	M30
T 31	20 17 25	2♌36'58	19♉25	24♌16	12♍19	7♌49	12♊ 2	25♓53	0♍ 9	16♑26	16♊ 4	18♒40	19♒21	25♑52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n41	9n17	4n11	25n 7	1n23	15n23	0n13	23n35	1n11	21n15	0s21	3s56	2s33	12n48	0n45	22s37	0s 0	21n34	1s21	15s 8	14s42	24s15		n.a.	
M 2	23 39	14 53	4 46	25 12	1 29	14 59	0 7	23 29	1 11	21 17	0 21	3 56	2 33	12 47	0 45	22 37	0 0	21 35	1 21	15 8	14 43	24 13		n.a.	
T 3	23 37	19 59	5 6	25 14	1 34	14 36	0 1	23 24	1 11	21 19	0 21	3 55	2 33	12 46	0 45	22 37	0 0	21 35	1 21	15 10	14 44	24 11		n.a.	
W 4	23 34	24 8	5 8	25 13	1 38	14 12	0s 5	23 18	1 11	21 22	0 20	3 55	2 34	12 45	0 45	22 38	0 0	21 35	1 21	15 11	14 45	24 9		n.a.	
T 5	23 31	26 54	4 51	25 10	1 41	13 48	0 12	23 12	1 11	21 24	0 20	3 55	2 34	12 44	0 45	22 38	0 1	21 35	1 21	15 13	14 46	24 7		n.a.	
F 6	23 27	27 50	4 14	25 4	1 44	13 24	0 18	23 6	1 11	21 26	0 20	3 55	2 34	12 43	0 45	22 38	0 1	21 36	1 21	15 15	14 47	24 5		n.a.	
S 7	23 23	26 43	3 19	24 55	1 46	12 59	0 25	22 59	1 11	21 28	0 20	3 55	2 35	12 42	0 45	22 38	0 1	21 36	1 21	15 17	14 48	24 3		n.a.	
S 8	23 19	23 36	2 9	24 44	1 47	12 35	0 32	22 53	1 11	21 30	0 20	3 55	2 35	12 41	0 45	22 38	0 1	21 36	1 21	15 18	14 49	24 1		n.a.	
M 9	23 14	18 53	0 51	24 31	1 48	12 10	0 39	22 46	1 11	21 33	0 20	3 55	2 35	12 40	0 45	22 39	0 1	21 36	1 21	15 18	14 50	23 59		n.a.	
T 10	23 9	13 5	0s30	24 15	1 48	11 46	0 47	22 39	1 11	21 35	0 20	3 55	2 36	12 39	0 45	22 39	0 1	21 36	1 21	15 19	14 51	23 57		n.a.	
W11	23 3	6 41	1 46	23 58	1 48	11 21	0 54	22 32	1 11	21 37	0 20	3 56	2 36	12 38	0 45	22 39	0 1	21 37	1 21	15 18	14 52	23 55		n.a.	
T 12	22 57	0 9	2 55	23 38	1 46	10 56	1 2	22 25	1 11	21 39	0 20	3 56	2 36	12 37	0 45	22 39	0 1	21 37	1 21	15 18	14 53	23 53		n.a.	
F 13	22 51	6s12	3 51	23 17	1 45	10 32	1 9	22 18	1 10	21 41	0 20	3 56	2 36	12 36	0 45	22 39	0 1	21 37	1 21	15 17	14 54	23 51		n.a.	
S 14	22 44	12 5	4 33	22 54	1 42	10 7	1 17	22 10	1 10	21 43	0 20	3 56	2 37	12 35	0 45	22 40	0 1	21 37	1 21	15 17	14 55	23 49		n.a.	
S 15	22 37	17 18	5 0	22 29	1 40	9 42	1 25	22 3	1 10	21 45	0 20	3 57	2 37	12 34	0 45	22 40	0 1	21 37	1 21	15 18	14 56	23 47		n.a.	
M16	22 29	21 38	5 12	22 3	1 36	9 17	1 33	21 55	1 10	21 47	0 20	3 57	2 37	12 33	0 45	22 40	0 1	21 37	1 21	15 18	14 57	23 45		n.a.	
T 17	22 21	24 56	5 9	21 36	1 33	8 53	1 42	21 47	1 10	21 48	0 19	3 57	2 38	12 31	0 45	22 40	0 1	21 38	1 21	15 20	14 58	23 43		n.a.	
W18	22 13	27 2	4 52	21 7	1 29	8 28	1 50	21 39	1 10	21 50	0 19	3 58	2 38	12 30	0 45	22 41	0 1	21 38	1 21	15 21	14 59	23 41		n.a.	
T 19	22 4	27 51	4 22	20 37	1 24	8 4	1 59	21 30	1 10	21 52	0 19	3 58	2 38	12 29	0 45	22 41	0 1	21 38	1 21	15 23	15 0	23 39		n.a.	
F 20	21 55	27 21	3 41	20 6	1 19	7 39	2 8	21 22	1 10	21 54	0 19	3 59	2 38	12 28	0 45	22 41	0 1	21 38	1 21	15 24	15 1	23 37		n.a.	
S 21	21 45	25 36	2 50	19 35	1 14	7 15	2 17	21 13	1 10	21 56	0 19	3 59	2 39	12 27	0 45	22 41	0 1	21 38	1 20	15 25	15 2	23 35		n.a.	
S 22	21 35	22 43	1 53	19 2	1 8	6 51	2 26	21 5	1 10	21 58	0 19	4 0	2 39	12 26	0 45	22 41	0 1	21 39	1 20	15 26	15 3	23 33		n.a.	
M23	21 25	18 54	0 50	18 28	1 3	6 27	2 35	20 56	1 10	21 59	0 19	4 1	2 39	12 25	0 44	22 42	0 1	21 39	1 20	15 27	15 4	23 31		n.a.	
T 24	21 14	14 20	0n15	17 54	0 56	6 3	2 44	20 47	1 10	22 1	0 19	4 1	2 40	12 23	0 44	22 42	0 1	21 39	1 20	15 27	15 5	23 29		n.a.	
W25	21 3	9 12	1 20	17 20	0 50	5 40	2 54	20 37	1 10	22 3	0 19	4 2	2 40	12 22	0 44	22 42	0 1	21 39	1 20	15 26	15 6	23 27		n.a.	
T 26	20 52	3 41	2 22	16 44	0 43	5 17	3 4	20 28	1 9	22 4	0 19	4 3	2 40	12 21	0 44	22 42	0 1	21 39	1 20	15 26	15 7	23 25		n.a.	
F 27	20 40	2n 2	3 19	16 8	0 36	4 54	3 13	20 19	1 9	22 6	0 19	4 4	2 40	12 20	0 44	22 43	0 1	21 39	1 20	15 26	15 8	23 23		n.a.	
S 28	20 28	7 46	4 7	15 32	0 29	4 31	3 23	20 9	1 9	22 8	0 19	4 5	2 41	12 19	0 44	22 43	0 1	21 40	1 20	15 25	15 9	23 21		n.a.	
S 29	20 15	13 20	4 45	14 56	0 22	4 9	3 34	19 59	1 9	22 9	0 19	4 5	2 41	12 17	0 44	22 43	0 1	21 40	1 20	15 25	15 10	23 19		n.a.	
M30	20 2	18 29	5 9	14 19	0 14	3 47	3 44	19 49	1 9	22 11	0 19	4 6	2 41	12 16	0 44	22 43	0 1	21 40	1 20	15 25	15 11	23 17		n.a.	
T 31	19n49	22n52	5n16	13n42	0n 6	3n25	3s54	19n39	1n 9	22n12	0s18	4s 7	2s42	12n15	0n44	22s43	0s 1	21n40	1s20	15s25	15s12	23s15		n.a.	

Julian Day Number = 1611664.5, Delta T = 03h52m54s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'13, Lahiri = - 8°06'12 Julian Calendar 1 July 301 BCE == Greg. Calendar 27 June 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

AUGUST 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 21 21	3♌35'06	3♊24	25♌44	12♍49	8♌28	12♊12	25°R51	0♍12	16°R24	16♊ 5	18°R39	19♒18	25♑59	n.a.	W 1
T 2	20 25 18	4°33'15	17°48	27°11	13°17	9° 6	12°23	25♓49	0°16	16♑23	16° 7	18♒37	19°15	26° 5	n.a.	T 2
F 3	20 29 15	5°31'27	2♋35	28°36	13°44	9°45	12°34	25°47	0°19	16°21	16° 8	18°35	19°12	26°12	n.a.	F 3
S 4	20 33 11	6°29'41	17°38	29°59	14°10	10°23	12°44	25°44	0°23	16°20	16° 9	18°34	19° 8	26°19	n.a.	S 4
S 5	20 37 8	7°27'56	2♌48	1♍22	14°34	11° 2	12°54	25°42	0°27	16°18	16°10	18°33	19° 5	26°25	n.a.	S 5
M 6	20 41 4	8°26'14	17°57	2°43	14°56	11°40	13° 5	25°40	0°30	16°17	16°11	18°D33	19° 2	26°32	n.a.	M 6
T 7	20 45 1	9°24'33	2♍55	4° 3	15°16	12°19	13°15	25°37	0°34	16°15	16°12	18°33	18°59	26°39	n.a.	T 7
W 8	20 48 57	10°22'54	17°35	5°20	15°34	12°58	13°25	25°35	0°37	16°14	16°13	18°34	18°56	26°45	n.a.	W 8
T 9	20 52 54	11°21'16	1♎50	6°37	15°51	13°36	13°35	25°32	0°41	16°12	16°14	18°34	18°53	26°52	n.a.	T 9
F 10	20 56 50	12°19'41	15°40	7°51	16° 6	14°15	13°45	25°29	0°45	16°11	16°15	18°35	18°49	26°59	n.a.	F 10
S 11	21 0 47	13°18'07	29° 3	9° 4	16°18	14°54	13°55	25°26	0°48	16°10	16°16	18°35	18°46	27° 5	n.a.	S 11
S 12	21 4 44	14°16'35	12♏ 1	10°15	16°29	15°32	14° 4	25°23	0°52	16° 8	16°17	18°R35	18°43	27°12	n.a.	S 12
M13	21 8 40	15°15'04	24°38	11°24	16°37	16°11	14°14	25°20	0°56	16° 7	16°18	18°35	18°40	27°18	n.a.	M13
T 14	21 12 37	16°13'36	6♐57	12°31	16°44	16°50	14°23	25°17	0°59	16° 5	16°19	18°35	18°37	27°25	n.a.	T 14
W15	21 16 33	17°12'09	19° 3	13°36	16°47	17°29	14°33	25°14	1° 3	16° 4	16°19	18°35	18°33	27°32	n.a.	W15
T 16	21 20 30	18°10'44	1♑ 0	14°39	16°R49	18° 8	14°42	25°11	1° 7	16° 3	16°20	18°D35	18°30	27°38	n.a.	T 16
F 17	21 24 26	19° 9'20	12°50	15°39	16°49	18°46	14°51	25° 8	1°10	16° 1	16°21	18°35	18°27	27°45	n.a.	F 17
S 18	21 28 23	20° 7'59	24°39	16°37	16°46	19°25	15° 0	25° 4	1°14	16° 0	16°22	18°35	18°24	27°52	n.a.	S 18
S 19	21 32 19	21° 6'40	6♒28	17°32	16°40	20° 4	15° 9	25° 1	1°18	15°59	16°23	18°35	18°21	27°58	n.a.	S 19
M20	21 36 16	22° 5'22	18°20	18°24	16°32	20°43	15°17	24°57	1°22	15°58	16°23	18°R35	18°18	28° 5	n.a.	M20
T 21	21 40 13	23° 4'07	0♓17	19°12	16°22	21°22	15°26	24°53	1°25	15°56	16°24	18°35	18°14	28°12	n.a.	T 21
W22	21 44 9	24° 2'53	12°22	19°57	16°10	22° 1	15°35	24°50	1°29	15°55	16°25	18°35	18°11	28°18	n.a.	W22
T 23	21 48 6	25° 1'42	24°35	20°39	15°55	22°40	15°43	24°46	1°33	15°54	16°26	18°34	18° 8	28°25	n.a.	T 23
F 24	21 52 2	26° 0'33	7♈ 0	21°16	15°37	23°19	15°51	24°42	1°37	15°53	16°26	18°33	18° 5	28°32	n.a.	F 24
S 25	21 55 59	26°59'26	19°38	21°49	15°18	23°58	15°59	24°38	1°40	15°52	16°27	18°32	18° 2	28°38	n.a.	S 25
S 26	21 59 55	27°58'22	2♉31	22°18	14°56	24°37	16° 7	24°34	1°44	15°51	16°28	18°31	17°58	28°45	n.a.	S 26
M27	22 3 52	28°57'20	15°41	22°41	14°32	25°16	16°15	24°30	1°48	15°49	16°28	18°30	17°55	28°52	n.a.	M27
T 28	22 7 48	29°56'21	29° 9	22°58	14° 6	25°55	16°23	24°26	1°52	15°48	16°29	18°D30	17°52	28°58	n.a.	T 28
W29	22 11 45	0♍55'24	12♊58	23°10	13°39	26°34	16°30	24°22	1°56	15°47	16°29	18°30	17°49	29° 5	n.a.	W29
T 30	22 15 42	1°54'29	27° 8	23°R15	13° 9	27°14	16°38	24°17	1°59	15°46	16°30	18°31	17°46	29°12	n.a.	T 30
F 31	22 19 38	2♍53'37	11♋36	23♍14	12♍38	27♌53	16♊45	24♓13	2♍ 3	15♑45	16♊30	18♒32	17♒43	29♑18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	19n35	26n 6	5n 6	13n 4	0s 1	3n 4	4s 5	19n29	1n 9	22n14	0s18	4s 8	2s42	12n14	0n44	22s44	0s 1	21n40	1s20	15s25	15s13	23s13			n.a.
T 2	19 22	27 45	4 37	12 27	0 9	2 43	4 15	19 18	1 9	22 15	0 18	4 9	2 42	12 12	0 44	22 44	0 1	21 40	1 20	15 26	15 14	23 11			n.a.
F 3	19 7	27 31	3 48	11 50	0 18	2 23	4 26	19 8	1 9	22 17	0 18	4 11	2 42	12 11	0 44	22 44	0 1	21 40	1 20	15 26	15 15	23 9			n.a.
S 4	18 53	25 15	2 43	11 12	0 26	2 3	4 37	18 57	1 9	22 18	0 18	4 12	2 43	12 10	0 44	22 44	0 1	21 41	1 20	15 27	15 16	23 7			n.a.
S 5	18 38	21 10	1 26	10 35	0 34	1 44	4 47	18 46	1 8	22 20	0 18	4 13	2 43	12 8	0 44	22 44	0 1	21 41	1 20	15 27	15 17	23 5			n.a.
M 6	18 23	15 41	0 3	9 58	0 43	1 26	4 58	18 35	1 8	22 21	0 18	4 14	2 43	12 7	0 44	22 45	0 1	21 41	1 20	15 27	15 18	23 3			n.a.
T 7	18 7	9 20	1s19	9 21	0 52	1 8	5 9	18 24	1 8	22 22	0 18	4 15	2 43	12 6	0 44	22 45	0 1	21 41	1 20	15 27	15 19	23 0			n.a.
W 8	17 51	2 36	2 34	8 44	1 0	0 50	5 20	18 13	1 8	22 24	0 18	4 16	2 44	12 5	0 44	22 45	0 1	21 41	1 20	15 27	15 20	22 58			n.a.
T 9	17 35	4s 4	3 38	8 8	1 9	0 34	5 31	18 2	1 8	22 25	0 18	4 18	2 44	12 3	0 44	22 45	0 1	21 41	1 20	15 27	15 21	22 56			n.a.
F 10	17 19	10 20	4 27	7 32	1 18	0 18	5 42	17 50	1 8	22 26	0 18	4 19	2 44	12 2	0 44	22 45	0 1	21 41	1 20	15 27	15 22	22 54			n.a.
S 11	17 2	15 55	4 59	6 56	1 26	0 3	5 53	17 39	1 8	22 27	0 18	4 20	2 44	12 1	0 44	22 45	0 1	21 42	1 20	15 26	15 23	22 52			n.a.
S 12	16 45	20 37	5 16	6 21	1 35	0s11	6 4	17 27	1 8	22 29	0 18	4 22	2 45	11 59	0 44	22 46	0 1	21 42	1 20	15 26	15 24	22 50			n.a.
M13	16 28	24 15	5 16	5 47	1 44	0 25	6 15	17 15	1 7	22 30	0 18	4 23	2 45	11 58	0 44	22 46	0 1	21 42	1 20	15 26	15 25	22 48			n.a.
T 14	16 10	26 41	5 2	5 13	1 53	0 37	6 26	17 3	1 7	22 31	0 17	4 25	2 45	11 57	0 44	22 46	0 1	21 42	1 20	15 26	15 26	22 46			n.a.
W15	15 52	27 50	4 34	4 40	2 1	0 49	6 37	16 51	1 7	22 32	0 17	4 26	2 45	11 55	0 44	22 46	0 1	21 42	1 20	15 27	15 27	22 43			n.a.
T 16	15 34	27 39	3 55	4 7	2 10	0 59	6 48	16 39	1 7	22 33	0 17	4 28	2 45	11 54	0 44	22 46	0 1	21 42	1 20	15 27	15 28	22 41			n.a.
F 17	15 16	26 11	3 6	3 36	2 18	1 8	6 58	16 26	1 7	22 34	0 17	4 29	2 46	11 53	0 44	22 47	0 1	21 42	1 20	15 27	15 29	22 39			n.a.
S 18	14 57	23 34	2 9	3 6	2 27	1 16	7 8	16 14	1 7	22 36	0 17	4 31	2 46	11 51	0 44	22 47	0 1	21 42	1 19	15 27	15 30	22 37			n.a.
S 19	14 38	19 58	1 7	2 37	2 35	1 24	7 18	16 1	1 6	22 37	0 17	4 32	2 46	11 50	0 44	22 47	0 1	21 43	1 19	15 26	15 31	22 35			n.a.
M20	14 19	15 33	0 1	2 9	2 43	1 29	7 28	15 49	1 6	22 38	0 17	4 34	2 46	11 48	0 44	22 47	0 1	21 43	1 19	15 26	15 32	22 33			n.a.
T 21	14 0	10 30	1n 5	1 43	2 50	1 34	7 37	15 36	1 6	22 39	0 17	4 36	2 46	11 47	0 44	22 47	0 1	21 43	1 19	15 26	15 33	22 30			n.a.
W22	13 40	5 2	2 8	1 18	2 58	1 37	7 46	15 23	1 6	22 40	0 17	4 37	2 47	11 46	0 44	22 47	0 1	21 43	1 19	15 27	15 34	22 28			n.a.
T 23	13 20	0n41	3 7	0 55	3 5	1 39	7 54	15 10	1 6	22 41	0 17	4 39	2 47	11 44	0 44	22 48	0 1	21 43	1 19	15 27	15 35	22 26			n.a.
F 24	13 0	6 26	3 58	0 34	3 12	1 40	8 2	14 57	1 6	22 42	0 17	4 41	2 47	11 43	0 44	22 48	0 1	21 43	1 19	15 27	15 36	22 24			n.a.
S 25	12 40	12 3	4 38	0 15	3 18	1 39	8 10	14 43	1 5	22 43	0 17	4 43	2 47	11 42	0 44	22 48	0 1	21 43	1 19	15 27	15 37	22 22			n.a.
S 26	12 19	17 15	5 5	0s 1	3 24	1 37	8 17	14 30	1 5	22 43	0 17	4 44	2 47	11 40	0 44	22 48	0 1	21 43	1 19	15 28	15 38	22 19			n.a.
M27	11 59	21 46	5 17	0 15	3 29	1 34	8 23	14 17	1 5	22 44	0 17	4 46	2 47	11 39	0 44	22 48	0 1	21 43	1 19	15 28	15 39	22 17			n.a.
T 28	11 38	25 17	5 12	0 26	3 33	1 29	8 28	14 3	1 5	22 45	0 17	4 48	2 48	11 38	0 44	22 48	0 1	21 43	1 19	15 28	15 40	22 15			n.a.
W29	11 17	27 24	4 49	0 34	3 37	1 23	8 33	13 49	1 5	22 46	0 16	4 50	2 48	11 36	0 44	22 48	0 1	21 44	1 19	15 28	15 41	22 13			n.a.
T 30	10 56	27 50	4 8	0 39	3 40	1 15	8 37	13 36	1 4	22 47	0 16	4 51	2 48	11 35	0 44	22 49	0 1	21 44	1 19	15 28	15 42	22 11			n.a.
F 31	10n34	26n23	3n11	0s40	3s41	1s 6	8s40	13n22	1n 4	22n48	0s16	4s53	2s48	11n33	0n44	22s49	0s 1	21n44	1s19	15s27	15s43	22s 8			n.a.

Julian Day Number = 1611695.5, Delta T = 03h52m53s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'08, Lahiri = - 8°06'08 Julian Calendar 1 Aug. 301 BCE == Greg. Calendar 28 July 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

SEPTEMBER 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 23 35	3♍52'48	26♋19	23°R 5	12°R 5	28♌32	16♊52	24°R 9	2♍ 7	15°R44	16♊31	18♒33	17♒39	29♉25	n.a.	S 1
S 2	22 27 31	4°52'00	11♌13	22♍49	11♍32	29°11	16°59	24♓ 4	2°11	15♉43	16°31	18°R34	17°36	29°32	n.a.	S 2
M 3	22 31 28	5°51'15	26°10	22°25	10°57	29°51	17° 6	24° 0	2°15	15°43	16°32	18°34	17°33	29°38	n.a.	M 3
T 4	22 35 24	6°50'32	11♍ 2	21°53	10°21	0♍30	17°13	23°56	2°18	15°42	16°32	18°33	17°30	29°45	n.a.	T 4
W 5	22 39 21	7°49'51	25°41	21°14	9°45	1° 9	17°19	23°51	2°22	15°41	16°33	18°31	17°27	29°52	n.a.	W 5
T 6	22 43 17	8°49'13	10♎ 0	20°27	9° 9	1°49	17°26	23°46	2°26	15°40	16°33	18°28	17°24	29°58	n.a.	T 6
F 7	22 47 14	9°48'36	23°56	19°32	8°32	2°28	17°32	23°42	2°30	15°39	16°34	18°25	17°20	0♒ 5	n.a.	F 7
S 8	22 51 10	10°48'01	7♏25	18°31	7°56	3° 7	17°38	23°37	2°33	15°38	16°34	18°22	17°17	0°11	n.a.	S 8
S 9	22 55 7	11°47'28	20°29	17°25	7°20	3°47	17°44	23°33	2°37	15°38	16°34	18°20	17°14	0°18	n.a.	S 9
M10	22 59 4	12°46'57	3♐ 9	16°15	6°44	4°26	17°50	23°28	2°41	15°37	16°34	18°19	17°11	0°25	n.a.	M10
T 11	23 3 0	13°46'28	15°30	15° 3	6°10	5° 6	17°55	23°23	2°45	15°36	16°35	18°D18	17° 8	0°31	n.a.	T 11
W12	23 6 57	14°46'01	27°35	13°51	5°36	5°45	18° 1	23°18	2°49	15°36	16°35	18°19	17° 4	0°38	n.a.	W12
T 13	23 10 53	15°45'35	9♑29	12°41	5° 4	6°25	18° 6	23°14	2°52	15°35	16°35	18°20	17° 1	0°45	n.a.	T 13
F 14	23 14 50	16°45'12	21°18	11°34	4°33	7° 4	18°11	23° 9	2°56	15°34	16°35	18°22	16°58	0°51	n.a.	F 14
S 15	23 18 46	17°44'50	3♒ 6	10°34	4° 4	7°44	18°16	23° 4	3° 0	15°34	16°36	18°24	16°55	0°58	n.a.	S 15
S 16	23 22 43	18°44'31	14°57	9°40	3°37	8°24	18°21	22°59	3° 3	15°33	16°36	18°R25	16°52	1° 5	n.a.	S 16
M17	23 26 39	19°44'13	26°55	8°56	3°11	9° 3	18°25	22°54	3° 7	15°33	16°36	18°24	16°49	1°11	n.a.	M17
T 18	23 30 36	20°43'57	9♓ 2	8°23	2°48	9°43	18°30	22°50	3°11	15°32	16°36	18°23	16°45	1°18	n.a.	T 18
W19	23 34 33	21°43'43	21°20	8° 0	2°27	10°23	18°34	22°45	3°14	15°32	16°36	18°19	16°42	1°25	n.a.	W19
T 20	23 38 29	22°43'31	3♈50	7°48	2° 8	11° 3	18°38	22°40	3°18	15°31	16°36	18°14	16°39	1°31	n.a.	T 20
F 21	23 42 26	23°43'22	16°34	7°D47	1°52	11°42	18°42	22°35	3°22	15°31	16°R36	18° 8	16°36	1°38	n.a.	F 21
S 22	23 46 22	24°43'14	29°30	7°58	1°38	12°22	18°46	22°30	3°25	15°31	16°36	18° 2	16°33	1°45	n.a.	S 22
S 23	23 50 19	25°43'09	12♉40	8°19	1°26	13° 2	18°49	22°25	3°29	15°30	16°36	17°56	16°30	1°51	n.a.	S 23
M24	23 54 15	26°43'06	26° 2	8°50	1°17	13°42	18°53	22°21	3°32	15°30	16°36	17°51	16°26	1°58	n.a.	M24
T 25	23 58 12	27°43'06	9♊37	9°30	1°10	14°22	18°56	22°16	3°36	15°30	16°36	17°47	16°23	2° 5	n.a.	T 25
W26	0 2 8	28°43'07	23°24	10°19	1° 6	15° 2	18°59	22°11	3°40	15°30	16°36	17°D46	16°20	2°11	n.a.	W26
T 27	0 6 5	29°43'12	7♋23	11°14	1°D 4	15°42	19° 2	22° 6	3°43	15°30	16°36	17°46	16°17	2°18	n.a.	T 27
F 28	0 10 2	0♎43'18	21°34	12°17	1° 5	16°22	19° 4	22° 2	3°47	15°29	16°35	17°47	16°14	2°25	n.a.	F 28
S 29	0 13 58	1°43'27	5♌55	13°25	1° 8	17° 2	19° 7	21°57	3°50	15°29	16°35	17°48	16°10	2°31	n.a.	S 29
S 30	0 17 55	2♎43'37	20♌23	14♍38	1♍14	17♍42	19♊ 9	21♓52	3♍53	15♉29	16♊35	17°R49	16♒ 7	2♒38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n12	23n 7	2n 0	0s37	3s42	0s56	8s43	13n 8	1n 4	22n48	0s16	4s55	2s48	11n32	0n44	22s49	0s 1	21n44	1s19	15s27	15s44	22s 6		n.a.
S 2	9 51	18 16	0 41	0 30	3 41	0 45	8 44	12 54	1 4	22 49	0 16	4 57	2 48	11 31	0 44	22 49	0 1	21 44	1 19	15 27	15 45	22 4		n.a.
M 3	9 29	12 18	0s42	0 18	3 39	0 32	8 45	12 39	1 4	22 50	0 16	4 59	2 48	11 29	0 44	22 49	0 1	21 44	1 19	15 27	15 46	22 2		n.a.
T 4	9 6	5 39	2 1	0 2	3 35	0 18	8 44	12 25	1 3	22 51	0 16	5 1	2 49	11 28	0 44	22 49	0 1	21 44	1 19	15 27	15 47	21 59		n.a.
W 5	8 44	1s11	3 11	0n19	3 30	0 4	8 43	12 11	1 3	22 51	0 16	5 3	2 49	11 27	0 44	22 49	0 1	21 44	1 19	15 28	15 48	21 57		n.a.
T 6	8 22	7 47	4 7	0 44	3 22	0n12	8 41	11 56	1 3	22 52	0 16	5 5	2 49	11 25	0 44	22 49	0 1	21 44	1 19	15 29	15 49	21 55		n.a.
F 7	7 59	13 50	4 47	1 14	3 13	0 29	8 37	11 42	1 3	22 53	0 16	5 7	2 49	11 24	0 44	22 49	0 1	21 44	1 19	15 30	15 50	21 53		n.a.
S 8	7 36	19 1	5 9	1 49	3 2	0 46	8 33	11 27	1 3	22 53	0 16	5 9	2 49	11 22	0 44	22 50	0 1	21 44	1 19	15 30	15 51	21 50		n.a.
S 9	7 14	23 8	5 15	2 27	2 49	1 4	8 28	11 13	1 2	22 54	0 16	5 11	2 49	11 21	0 44	22 50	0 1	21 44	1 19	15 31	15 52	21 48		n.a.
M10	6 51	26 1	5 5	3 8	2 33	1 23	8 22	10 58	1 2	22 55	0 16	5 13	2 49	11 20	0 44	22 50	0 1	21 44	1 19	15 32	15 53	21 46		n.a.
T 11	6 27	27 35	4 40	3 52	2 17	1 42	8 15	10 43	1 2	22 55	0 15	5 14	2 49	11 18	0 44	22 50	0 1	21 44	1 19	15 32	15 54	21 43		n.a.
W12	6 4	27 47	4 4	4 37	1 58	2 1	8 7	10 28	1 2	22 56	0 15	5 16	2 49	11 17	0 44	22 50	0 1	21 45	1 19	15 32	15 55	21 41		n.a.
T 13	5 41	26 41	3 18	5 22	1 39	2 21	7 59	10 13	1 1	22 56	0 15	5 18	2 49	11 16	0 44	22 50	0 1	21 45	1 19	15 31	15 56	21 39		n.a.
F 14	5 18	24 23	2 23	6 6	1 19	2 40	7 50	9 58	1 1	22 57	0 15	5 20	2 49	11 14	0 44	22 50	0 1	21 45	1 19	15 31	15 56	21 37		n.a.
S 15	4 54	21 3	1 23	6 48	0 58	3 0	7 40	9 43	1 1	22 57	0 15	5 22	2 50	11 13	0 44	22 50	0 1	21 45	1 19	15 30	15 57	21 34		n.a.
S 16	4 30	16 51	0 19	7 27	0 38	3 20	7 29	9 28	1 1	22 58	0 15	5 24	2 50	11 12	0 44	22 50	0 1	21 45	1 19	15 30	15 58	21 32		n.a.
M17	4 7	11 58	0n46	8 2	0 18	3 39	7 18	9 12	1 0	22 58	0 15	5 26	2 50	11 10	0 44	22 50	0 1	21 45	1 19	15 30	15 59	21 30		n.a.
T 18	3 43	6 35	1 50	8 33	0n 1	3 58	7 7	8 57	1 0	22 59	0 15	5 28	2 50	11 9	0 44	22 50	0 1	21 45	1 19	15 30	16 0	21 27		n.a.
W19	3 19	0 53	2 50	8 59	0 20	4 17	6 55	8 41	1 0	22 59	0 15	5 30	2 50	11 8	0 44	22 50	0 1	21 45	1 19	15 31	16 1	21 25		n.a.
T 20	2 55	4n56	3 43	9 19	0 36	4 35	6 42	8 26	1 0	23 0	0 15	5 32	2 50	11 6	0 44	22 51	0 1	21 45	1 19	15 33	16 2	21 23		n.a.
F 21	2 31	10 39	4 25	9 33	0 52	4 53	6 30	8 10	0 59	23 0	0 15	5 34	2 50	11 5	0 44	22 51	0 1	21 45	1 18	15 35	16 3	21 20		n.a.
S 22	2 7	16 1	4 55	9 42	1 6	5 10	6 17	7 55	0 59	23 1	0 15	5 36	2 50	11 4	0 44	22 51	0 1	21 45	1 18	15 37	16 4	21 18		n.a.
S 23	1 43	20 43	5 9	9 46	1 19	5 26	6 3	7 39	0 59	23 1	0 15	5 38	2 50	11 2	0 44	22 51	0 2	21 45	1 18	15 39	16 5	21 16		n.a.
M24	1 19	24 28	5 7	9 44	1 29	5 42	5 50	7 23	0 59	23 1	0 14	5 40	2 50	11 1	0 44	22 51	0 2	21 45	1 18	15 40	16 6	21 13		n.a.
T 25	0 55	26 55	4 48	9 37	1 39	5 57	5 37	7 7	0 58	23 2	0 14	5 42	2 50	11 0	0 44	22 51	0 2	21 45	1 18	15 41	16 7	21 11		n.a.
W26	0 31	27 46	4 13	9 26	1 47	6 11	5 23	6 52	0 58	23 2	0 14	5 44	2 50	10 58	0 44	22 51	0 2	21 45	1 18	15 42	16 8	21 9		n.a.
T 27	0 7	26 53	3 22	9 11	1 53	6 24	5 9	6 36	0 58	23 2	0 14	5 46	2 50	10 57	0 44	22 51	0 2	21 45	1 18	15 42	16 9	21 6		n.a.
F 28	0s17	24 15	2 17	8 51	1 58	6 37	4 56	6 20	0 58	23 3	0 14	5 47	2 50	10 56	0 44	22 51	0 2	21 45	1 18	15 41	16 10	21 4		n.a.
S 29	0 42	20 4	1 4	8 28	2 2	6 48	4 42	6 4	0 57	23 3	0 14	5 49	2 50	10 55	0 44	22 51	0 2	21 45	1 18	15 41	16 11	21 1		n.a.
S 30	1s 6	14n39	0s14	8n 2	2n 5	6n59	4s29	5n48	0n57	23n 3	0s14	5s51	2s49	10n53	0n44	22s51	0s 2	21n45	1s18	15s41	16s12	20s59		n.a.

Julian Day Number = 1611726.5, Delta T = 03h52m52s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'04, Lahiri = - 8°06'04 Julian Calendar 1 Sept. 301 BCE == Greg. Calendar 28 Aug. 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

OCTOBER 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 21 51	3♎43'50	4♍56	15♍55	1♍21	18♍22	19♊11	21°R47	3♍57	15°R29	16°R35	17°R47	16♒ 4	2♒44	n.a.	M 1
T 2	0 25 48	4°44'05	19°27	17°16	1°31	19° 2	19°13	21♓43	4° 0	15°D29	16♊35	17♒44	16° 1	2°51	n.a.	T 2
W 3	0 29 44	5°44'22	3♎50	18°41	1°44	19°42	19°15	21°38	4° 4	15♑29	16°34	17°38	15°58	2°58	n.a.	W 3
T 4	0 33 41	6°44'41	18° 0	20° 7	1°58	20°22	19°16	21°33	4° 7	15°29	16°34	17°31	15°55	3° 4	n.a.	T 4
F 5	0 37 37	7°45'01	1♏52	21°36	2°14	21° 3	19°17	21°29	4°10	15°29	16°34	17°22	15°51	3°11	n.a.	F 5
S 6	0 41 34	8°45'23	15°20	23° 7	2°33	21°43	19°18	21°24	4°14	15°30	16°33	17°13	15°48	3°18	n.a.	S 6
S 7	0 45 30	9°45'47	28°26	24°39	2°53	22°23	19°19	21°20	4°17	15°30	16°33	17° 5	15°45	3°24	n.a.	S 7
M 8	0 49 27	10°46'13	11♐ 8	26°12	3°15	23° 3	19°20	21°16	4°20	15°30	16°33	16°59	15°42	3°31	n.a.	M 8
T 9	0 53 24	11°46'40	23°30	27°46	3°39	23°44	19°20	21°11	4°23	15°30	16°32	16°55	15°39	3°38	n.a.	T 9
W10	0 57 20	12°47'09	5♑37	29°21	4° 5	24°24	19°21	21° 7	4°27	15°30	16°32	16°53	15°36	3°44	n.a.	W10
T 11	1 1 17	13°47'39	17°31	0♎56	4°33	25° 5	19°R21	21° 3	4°30	15°31	16°31	16°D52	15°32	3°51	n.a.	T 11
F 12	1 5 13	14°48'11	29°20	2°32	5° 2	25°45	19°21	20°58	4°33	15°31	16°31	16°53	15°29	3°58	n.a.	F 12
S 13	1 9 10	15°48'44	11♒ 8	4° 8	5°33	26°25	19°20	20°54	4°36	15°31	16°30	16°R54	15°26	4° 4	n.a.	S 13
S 14	1 13 6	16°49'18	23° 1	5°44	6° 5	27° 6	19°20	20°50	4°39	15°32	16°30	16°54	15°23	4°11	n.a.	S 14
M15	1 17 3	17°49'54	5♓ 3	7°20	6°39	27°46	19°19	20°46	4°42	15°32	16°29	16°52	15°20	4°18	n.a.	M15
T 16	1 20 59	18°50'31	17°18	8°56	7°14	28°27	19°18	20°42	4°45	15°33	16°29	16°48	15°16	4°24	n.a.	T 16
W17	1 24 56	19°51'09	29°49	10°33	7°50	29° 8	19°17	20°38	4°48	15°33	16°28	16°41	15°13	4°31	n.a.	W17
T 18	1 28 53	20°51'49	12♈37	12° 9	8°28	29°48	19°16	20°34	4°51	15°34	16°27	16°32	15°10	4°37	n.a.	T 18
F 19	1 32 49	21°52'31	25°42	13°45	9° 8	0♎29	19°14	20°31	4°54	15°34	16°27	16°21	15° 7	4°44	n.a.	F 19
S 20	1 36 46	22°53'14	9♉ 4	15°21	9°48	1°10	19°12	20°27	4°57	15°35	16°26	16° 9	15° 4	4°51	n.a.	S 20
S 21	1 40 42	23°53'58	22°38	16°57	10°30	1°50	19°10	20°23	5° 0	15°36	16°25	15°57	15° 1	4°57	n.a.	S 21
M22	1 44 39	24°54'44	6♊24	18°32	11°12	2°31	19° 8	20°20	5° 2	15°36	16°25	15°48	14°57	5° 4	n.a.	M22
T 23	1 48 35	25°55'32	20°17	20° 8	11°56	3°12	19° 6	20°16	5° 5	15°37	16°24	15°40	14°54	5°11	n.a.	T 23
W24	1 52 32	26°56'22	4♋15	21°43	12°41	3°53	19° 3	20°13	5° 8	15°38	16°23	15°36	14°51	5°17	n.a.	W24
T 25	1 56 28	27°57'13	18°16	23°19	13°27	4°33	19° 1	20°10	5°10	15°39	16°23	15°34	14°48	5°24	n.a.	T 25
F 26	2 0 25	28°58'06	2♌21	24°54	14°14	5°14	18°58	20° 6	5°13	15°39	16°22	15°D34	14°45	5°31	n.a.	F 26
S 27	2 4 22	29°59'00	16°26	26°29	15° 2	5°55	18°55	20° 3	5°16	15°40	16°21	15°R34	14°41	5°37	n.a.	S 27
S 28	2 8 18	0♏59'56	0♍33	28° 3	15°50	6°36	18°51	20° 0	5°18	15°41	16°20	15°33	14°38	5°44	n.a.	S 28
M29	2 12 15	2° 0'53	14°40	29°38	16°40	7°17	18°48	19°57	5°21	15°42	16°19	15°30	14°35	5°51	n.a.	M29
T 30	2 16 11	3° 1'52	28°43	1♏13	17°31	7°58	18°44	19°54	5°23	15°43	16°18	15°25	14°32	5°57	n.a.	T 30
W31	2 20 8	4♏ 2'52	12♎41	2♏47	18♍22	8♎39	18♊40	19♓52	5♍26	15♑44	16♊18	15♒16	14♒29	6♒ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1s30	8n24	1s31	7n34	2n 7	7n 9	4s16	5n31	0n57	23n 3	0s14	5s53	2s49	10n52	0n44	22s51	0s 2	21n45	1s18	15s41	16s13	20s57			n.a.
T 2	1 54	1 44	2 42	7 2	2 7	7 18	4 2	5 15	0 56	23 4	0 14	5 55	2 49	10 51	0 44	22 51	0 2	21 45	1 18	15 42	16 14	20 54			n.a.
W 3	2 18	4s56	3 42	6 29	2 7	7 26	3 49	4 59	0 56	23 4	0 14	5 57	2 49	10 50	0 44	22 51	0 2	21 45	1 18	15 44	16 15	20 52			n.a.
T 4	2 43	11 15	4 27	5 54	2 6	7 33	3 36	4 43	0 56	23 4	0 14	5 58	2 49	10 49	0 44	22 51	0 2	21 45	1 18	15 46	16 16	20 49			n.a.
F 5	3 7	16 53	4 56	5 17	2 5	7 39	3 23	4 26	0 55	23 4	0 13	6 0	2 49	10 47	0 44	22 51	0 2	21 45	1 18	15 49	16 17	20 47			n.a.
S 6	3 31	21 31	5 7	4 38	2 2	7 44	3 11	4 10	0 55	23 4	0 13	6 2	2 49	10 46	0 45	22 51	0 2	21 45	1 18	15 52	16 18	20 45			n.a.
S 7	3 55	24 56	5 1	3 59	2 0	7 48	2 58	3 54	0 55	23 5	0 13	6 4	2 49	10 45	0 45	22 51	0 2	21 45	1 18	15 54	16 19	20 42			n.a.
M 8	4 19	27 1	4 40	3 18	1 56	7 51	2 46	3 37	0 54	23 5	0 13	6 5	2 49	10 44	0 45	22 51	0 2	21 45	1 18	15 56	16 20	20 40			n.a.
T 9	4 43	27 41	4 7	2 37	1 52	7 54	2 34	3 21	0 54	23 5	0 13	6 7	2 49	10 43	0 45	22 51	0 2	21 45	1 18	15 58	16 21	20 37			n.a.
W10	5 7	27 0	3 23	1 55	1 48	7 55	2 22	3 4	0 54	23 5	0 13	6 9	2 49	10 41	0 45	22 51	0 2	21 45	1 18	15 58	16 22	20 35			n.a.
T 11	5 30	25 4	2 31	1 12	1 44	7 56	2 11	2 48	0 53	23 5	0 13	6 10	2 49	10 40	0 45	22 51	0 2	21 45	1 18	15 58	16 22	20 33			n.a.
F 12	5 54	22 3	1 33	0 29	1 39	7 56	1 59	2 31	0 53	23 5	0 13	6 12	2 48	10 39	0 45	22 51	0 2	21 45	1 18	15 58	16 23	20 30			n.a.
S 13	6 18	18 8	0 31	0s14	1 33	7 55	1 48	2 15	0 53	23 5	0 13	6 13	2 48	10 38	0 45	22 51	0 2	21 45	1 18	15 58	16 24	20 28			n.a.
S 14	6 41	13 30	0n33	0 58	1 28	7 53	1 37	1 58	0 52	23 5	0 13	6 15	2 48	10 37	0 45	22 51	0 2	21 45	1 18	15 58	16 25	20 25			n.a.
M15	7 5	8 18	1 36	1 41	1 22	7 50	1 27	1 41	0 52	23 5	0 13	6 16	2 48	10 36	0 45	22 51	0 2	21 45	1 18	15 58	16 26	20 23			n.a.
T 16	7 28	2 42	2 35	2 25	1 16	7 47	1 16	1 25	0 52	23 5	0 12	6 18	2 48	10 35	0 45	22 51	0 2	21 45	1 18	16 0	16 27	20 20			n.a.
W17	7 51	3n 6	3 28	3 9	1 10	7 43	1 6	1 8	0 51	23 5	0 12	6 19	2 48	10 34	0 45	22 51	0 2	21 45	1 18	16 2	16 28	20 18			n.a.
T 18	8 14	8 54	4 12	3 53	1 4	7 37	0 56	0 51	0 51	23 5	0 12	6 21	2 48	10 33	0 45	22 51	0 2	21 45	1 18	16 5	16 29	20 15			n.a.
F 19	8 37	14 26	4 43	4 36	0 58	7 32	0 47	0 35	0 51	23 5	0 12	6 22	2 47	10 32	0 45	22 51	0 2	21 45	1 18	16 8	16 30	20 13			n.a.
S 20	9 0	19 25	5 0	5 20	0 51	7 25	0 37	0 18	0 50	23 5	0 12	6 23	2 47	10 31	0 45	22 50	0 2	21 45	1 18	16 11	16 31	20 11			n.a.
S 21	9 23	23 29	5 0	6 3	0 45	7 17	0 28	0 1	0 50	23 5	0 12	6 24	2 47	10 29	0 45	22 50	0 2	21 45	1 18	16 15	16 32	20 8			n.a.
M22	9 46	26 17	4 43	6 46	0 38	7 9	0 19	0s15	0 49	23 5	0 12	6 26	2 47	10 28	0 45	22 50	0 2	21 45	1 17	16 18	16 33	20 6			n.a.
T 23	10 8	27 31	4 10	7 28	0 32	7 0	0 11	0 32	0 49	23 5	0 12	6 27	2 47	10 28	0 45	22 50	0 2	21 45	1 17	16 20	16 34	20 3			n.a.
W24	10 30	27 0	3 21	8 11	0 25	6 51	0 2	0 49	0 49	23 5	0 12	6 28	2 47	10 27	0 45	22 50	0 2	21 45	1 17	16 21	16 35	20 1			n.a.
T 25	10 52	24 46	2 19	8 53	0 19	6 41	0n 6	1 6	0 48	23 5	0 11	6 29	2 46	10 26	0 45	22 50	0 2	21 45	1 17	16 22	16 36	19 58			n.a.
F 26	11 14	21 0	1 10	9 34	0 12	6 30	0 14	1 22	0 48	23 5	0 11	6 30	2 46	10 25	0 45	22 50	0 2	21 45	1 17	16 22	16 37	19 56			n.a.
S 27	11 36	16 2	0s 5	10 15	0 5	6 18	0 22	1 39	0 48	23 5	0 11	6 31	2 46	10 24	0 45	22 50	0 2	21 45	1 17	16 22	16 38	19 53			n.a.
S 28	11 58	10 11	1 19	10 56	0s 1	6 6	0 29	1 56	0 47	23 4	0 11	6 32	2 46	10 23	0 45	22 50	0 2	21 44	1 17	16 22	16 39	19 51			n.a.
M29	12 19	3 51	2 28	11 36	0 8	5 53	0 36	2 13	0 47	23 4	0 11	6 33	2 46	10 22	0 45	22 50	0 2	21 44	1 17	16 23	16 39	19 48			n.a.
T 30	12 40	2s39	3 27	12 16	0 14	5 40	0 43	2 29	0 46	23 4	0 11	6 34	2 45	10 21	0 45	22 50	0 2	21 44	1 17	16 25	16 40	19 46			n.a.
W31	13s 1	8s57	4s14	12s55	0s21	5n26	0n50	2s46	0n46	23n 4	0s11	6s35	2s45	10n20	0n45	22s50	0s 2	21n44	1s17	16s27	16s41	19s43			n.a.

Julian Day Number = 1611756.5, Delta T = 03h52m51s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°13'00, Lahiri = - 8°06'00 Julian Calendar 1 Oct. 301 BCE == Greg. Calendar 27 Sept. 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

NOVEMBER 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 24 4	5♏ 3'53	26♎29	4♏22	19♍14	9♎20	18°R36	19°R49	5♍28	15♑45	16°R17	15°R 4	14♒26	6♒11	n.a.	T 1
F 2	2 28 1	6° 4'55	10♏ 3	5°56	20° 7	10° 2	18♊32	19♓46	5°30	15°46	16♊16	14♒51	14°22	6°17	n.a.	F 2
S 3	2 31 57	7° 5'59	23°20	7°31	21° 0	10°43	18°28	19°44	5°33	15°47	16°15	14°38	14°19	6°24	n.a.	S 3
S 4	2 35 54	8° 7'03	6♐18	9° 5	21°54	11°24	18°23	19°41	5°35	15°48	16°14	14°25	14°16	6°30	n.a.	S 4
M 5	2 39 51	9° 8'09	18°57	10°39	22°49	12° 5	18°18	19°39	5°37	15°49	16°13	14°15	14°13	6°37	n.a.	M 5
T 6	2 43 47	10° 9'15	1♑18	12°14	23°44	12°46	18°14	19°37	5°39	15°50	16°12	14° 7	14°10	6°44	n.a.	T 6
W 7	2 47 44	11°10'22	13°23	13°48	24°40	13°28	18° 8	19°35	5°41	15°52	16°11	14° 2	14° 7	6°50	n.a.	W 7
T 8	2 51 40	12°11'29	25°18	15°22	25°37	14° 9	18° 3	19°33	5°43	15°53	16°10	13°59	14° 3	6°57	n.a.	T 8
F 9	2 55 37	13°12'37	7♒ 6	16°57	26°34	14°50	17°58	19°31	5°45	15°54	16° 9	13°59	14° 0	7° 4	n.a.	F 9
S 10	2 59 33	14°13'46	18°54	18°31	27°32	15°32	17°52	19°29	5°47	15°55	16° 8	13°59	13°57	7°10	n.a.	S 10
S 11	3 3 30	15°14'54	0♓46	20° 6	28°30	16°13	17°46	19°28	5°49	15°57	16° 7	13°58	13°54	7°17	n.a.	S 11
M12	3 7 27	16°16'04	12°50	21°40	29°29	16°54	17°41	19°26	5°51	15°58	16° 6	13°56	13°51	7°24	n.a.	M12
T 13	3 11 23	17°17'14	25° 8	23°15	0♎28	17°36	17°35	19°25	5°53	15°59	16° 5	13°51	13°47	7°30	n.a.	T 13
W14	3 15 20	18°18'24	7♈46	24°50	1°28	18°17	17°28	19°23	5°55	16° 1	16° 4	13°44	13°44	7°37	n.a.	W14
T 15	3 19 16	19°19'34	20°46	26°25	2°28	18°59	17°22	19°22	5°56	16° 2	16° 2	13°34	13°41	7°44	n.a.	T 15
F 16	3 23 13	20°20'45	4♉ 8	28° 0	3°29	19°41	17°16	19°21	5°58	16° 4	16° 1	13°22	13°38	7°50	n.a.	F 16
S 17	3 27 9	21°21'57	17°51	29°35	4°30	20°22	17° 9	19°20	6° 0	16° 5	16° 0	13° 9	13°35	7°57	n.a.	S 17
S 18	3 31 6	22°23'09	1♊52	1♐10	5°32	21° 4	17° 2	19°19	6° 1	16° 7	15°59	12°56	13°32	8° 4	n.a.	S 18
M19	3 35 2	23°24'22	16° 5	2°45	6°34	21°45	16°56	19°18	6° 3	16° 8	15°58	12°45	13°28	8°10	n.a.	M19
T 20	3 38 59	24°25'35	0♋25	4°20	7°36	22°27	16°49	19°18	6° 4	16°10	15°57	12°37	13°25	8°17	n.a.	T 20
W21	3 42 56	25°26'48	14°47	5°56	8°39	23° 9	16°42	19°17	6° 5	16°11	15°56	12°32	13°22	8°23	n.a.	W21
T 22	3 46 52	26°28'03	29° 5	7°31	9°42	23°51	16°35	19°17	6° 7	16°13	15°54	12°29	13°19	8°30	n.a.	T 22
F 23	3 50 49	27°29'17	13♌18	9° 6	10°45	24°32	16°27	19°16	6° 8	16°15	15°53	12°D29	13°16	8°37	n.a.	F 23
S 24	3 54 45	28°30'33	27°24	10°42	11°49	25°14	16°20	19°16	6° 9	16°16	15°52	12°R29	13°13	8°43	n.a.	S 24
S 25	3 58 42	29°31'49	11♍21	12°17	12°53	25°56	16°13	19°16	6°11	16°18	15°51	12°29	13° 9	8°50	n.a.	S 25
M26	4 2 38	0♐33'05	25°10	13°52	13°58	26°38	16° 5	19°D16	6°12	16°20	15°50	12°26	13° 6	8°57	n.a.	M26
T 27	4 6 35	1°34'21	8♎51	15°26	15° 2	27°20	15°57	19°16	6°13	16°21	15°48	12°21	13° 3	9° 3	n.a.	T 27
W28	4 10 31	2°35'38	22°23	17° 0	16° 7	28° 2	15°50	19°16	6°14	16°23	15°47	12°13	13° 0	9°10	n.a.	W28
T 29	4 14 28	3°36'56	5♏44	18°34	17°12	28°44	15°42	19°16	6°15	16°25	15°46	12° 3	12°57	9°17	n.a.	T 29
F 30	4 18 25	4♐38'13	18♏54	20♐ 7	18♎18	29♎26	15♊34	19♓17	6♍16	16♑27	15♊45	11♒51	12♒53	9♒23	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	13 s22	14 s45	4 s45	13 s34	0 s27	5n11	0n57	3 s 3	0n45	23n 4	0 s11	6 s36	2 s45	10n19	0n45	22 s49	0 s 2	21n44	1 s17	16 s31	16 s42	19 s41			n.a.
F 2	13 43	19 44	4 59	14 12	0 34	4 56	1 3	3 20	0 45	23 3	0 11	6 37	2 45	10 18	0 45	22 49	0 2	21 44	1 17	16 35	16 43	19 38			n.a.
S 3	14 3	23 37	4 57	14 49	0 40	4 40	1 9	3 36	0 45	23 3	0 10	6 38	2 45	10 18	0 45	22 49	0 2	21 44	1 17	16 39	16 44	19 35			n.a.
S 4	14 23	26 12	4 39	15 25	0 46	4 24	1 15	3 53	0 44	23 3	0 10	6 39	2 44	10 17	0 45	22 49	0 2	21 44	1 17	16 42	16 45	19 33			n.a.
M 5	14 43	27 23	4 8	16 1	0 52	4 7	1 21	4 10	0 44	23 3	0 10	6 39	2 44	10 16	0 45	22 49	0 2	21 44	1 17	16 45	16 46	19 30			n.a.
T 6	15 3	27 9	3 25	16 37	0 58	3 50	1 27	4 26	0 43	23 2	0 10	6 40	2 44	10 15	0 45	22 49	0 2	21 44	1 17	16 48	16 47	19 28			n.a.
W 7	15 22	25 37	2 34	17 11	1 4	3 33	1 32	4 43	0 43	23 2	0 10	6 41	2 44	10 15	0 46	22 49	0 2	21 44	1 17	16 49	16 48	19 25			n.a.
T 8	15 41	22 56	1 37	17 45	1 9	3 15	1 37	5 0	0 42	23 2	0 10	6 41	2 43	10 14	0 46	22 49	0 2	21 44	1 17	16 50	16 49	19 23			n.a.
F 9	16 0	19 19	0 36	18 18	1 15	2 56	1 42	5 16	0 42	23 1	0 10	6 42	2 43	10 13	0 46	22 48	0 2	21 44	1 17	16 50	16 50	19 20			n.a.
S 10	16 18	14 56	0n26	18 50	1 20	2 37	1 47	5 33	0 41	23 1	0 10	6 42	2 43	10 12	0 46	22 48	0 2	21 44	1 17	16 50	16 51	19 18			n.a.
S 11	16 36	9 58	1 28	19 21	1 25	2 18	1 51	5 49	0 41	23 0	0 9	6 43	2 43	10 12	0 46	22 48	0 2	21 44	1 17	16 50	16 52	19 15			n.a.
M12	16 54	4 35	2 26	19 51	1 30	1 58	1 55	6 6	0 41	23 0	0 9	6 43	2 42	10 11	0 46	22 48	0 2	21 44	1 17	16 51	16 52	19 13			n.a.
T 13	17 12	1n 5	3 19	20 21	1 35	1 38	2 0	6 22	0 40	23 0	0 9	6 43	2 42	10 10	0 46	22 48	0 2	21 44	1 17	16 52	16 53	19 10			n.a.
W14	17 29	6 51	4 4	20 49	1 39	1 18	2 3	6 39	0 40	22 59	0 9	6 44	2 42	10 10	0 46	22 48	0 2	21 43	1 17	16 54	16 54	19 7			n.a.
T 15	17 46	12 28	4 37	21 16	1 44	0 57	2 7	6 55	0 39	22 59	0 9	6 44	2 42	10 9	0 46	22 47	0 2	21 43	1 16	16 57	16 55	19 5			n.a.
F 16	18 3	17 41	4 57	21 42	1 48	0 36	2 11	7 12	0 39	22 58	0 9	6 44	2 41	10 9	0 46	22 47	0 2	21 43	1 16	17 1	16 56	19 2			n.a.
S 17	18 19	22 8	4 59	22 7	1 52	0 14	2 14	7 28	0 38	22 58	0 9	6 44	2 41	10 8	0 46	22 47	0 2	21 43	1 16	17 5	16 57	19 0			n.a.
S 18	18 35	25 26	4 44	22 31	1 55	0 s 8	2 17	7 44	0 38	22 57	0 8	6 44	2 41	10 8	0 46	22 47	0 2	21 43	1 16	17 8	16 58	18 57			n.a.
M19	18 51	27 10	4 12	22 54	1 58	0 30	2 20	8 0	0 37	22 57	0 8	6 44	2 41	10 7	0 46	22 47	0 2	21 43	1 16	17 11	16 59	18 54			n.a.
T 20	19 7	27 7	3 23	23 15	2 1	0 52	2 23	8 17	0 37	22 56	0 8	6 44	2 40	10 7	0 46	22 47	0 2	21 43	1 16	17 14	17 0	18 52			n.a.
W21	19 22	25 14	2 21	23 35	2 4	1 14	2 26	8 33	0 36	22 55	0 8	6 44	2 40	10 6	0 46	22 46	0 2	21 43	1 16	17 15	17 1	18 49			n.a.
T 22	19 36	21 44	1 10	23 54	2 6	1 37	2 28	8 49	0 36	22 55	0 8	6 44	2 40	10 6	0 46	22 46	0 2	21 43	1 16	17 16	17 2	18 47			n.a.
F 23	19 50	16 58	0 s 4	24 11	2 8	2 0	2 30	9 5	0 35	22 54	0 8	6 44	2 39	10 5	0 46	22 46	0 2	21 43	1 16	17 16	17 3	18 44			n.a.
S 24	20 4	11 18	1 18	24 27	2 9	2 23	2 33	9 21	0 35	22 54	0 8	6 44	2 39	10 5	0 46	22 46	0 2	21 43	1 16	17 16	17 4	18 41			n.a.
S 25	20 18	5 8	2 27	24 41	2 10	2 47	2 35	9 37	0 34	22 53	0 8	6 44	2 39	10 4	0 46	22 46	0 2	21 43	1 16	17 16	17 4	18 39			n.a.
M26	20 31	1 s12	3 26	24 54	2 10	3 10	2 36	9 53	0 33	22 52	0 7	6 44	2 39	10 4	0 46	22 46	0 2	21 43	1 16	17 17	17 5	18 36			n.a.
T 27	20 44	7 25	4 13	25 5	2 10	3 34	2 38	10 8	0 33	22 52	0 7	6 43	2 38	10 4	0 46	22 45	0 2	21 43	1 16	17 18	17 6	18 34			n.a.
W28	20 56	13 12	4 45	25 15	2 10	3 58	2 40	10 24	0 32	22 51	0 7	6 43	2 38	10 3	0 46	22 45	0 2	21 42	1 16	17 20	17 7	18 31			n.a.
T 29	21 8	18 18	5 0	25 22	2 9	4 22	2 41	10 40	0 32	22 50	0 7	6 43	2 38	10 3	0 46	22 45	0 2	21 42	1 16	17 23	17 8	18 28			n.a.
F 30	21 s20	22 s27	5 s 0	25 s28	2 s 7	4 s46	2n42	10 s55	0n31	22n50	0 s 7	6 s42	2 s38	10n 3	0n46	22 s45	0 s 2	21n42	1 s16	17 s27	17 s 9	18 s26			n.a.

Julian Day Number = 1611787.5, Delta T = 03h52m50s
Ecliptic obliquity = 23°44'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'56, Lahiri = - 8°05'55 Julian Calendar 1 Nov. 301 BCE == Greg. Calendar 28 Oct. 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 301 BCE
geocentric

DECEMBER 301 BCE (-300) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 22 21	5♐39'31	1♐51	21♐39	19♎24	0♏ 8	15°R26	19♓17	6♍16	16♑28	15°R43	11°R38	12♒50	9♒30	n.a.	S 1
S 2	4 26 18	6°40'48	14°34	23° 9	20°30	0°50	15♊18	19°18	6°17	16°30	15♊42	11♒27	12°47	9°37	n.a.	S 2
M 3	4 30 14	7°42'05	27° 2	24°39	21°36	1°32	15°10	19°19	6°18	16°32	15°41	11°16	12°44	9°43	n.a.	M 3
T 4	4 34 11	8°43'22	9♑16	26° 6	22°43	2°14	15° 2	19°20	6°19	16°34	15°40	11° 9	12°41	9°50	n.a.	T 4
W 5	4 38 7	9°44'39	21°17	27°32	23°50	2°57	14°54	19°21	6°19	16°36	15°38	11° 4	12°38	9°57	n.a.	W 5
T 6	4 42 4	10°45'56	3♒10	28°55	24°56	3°39	14°46	19°22	6°20	16°38	15°37	11° 2	12°34	10° 3	n.a.	T 6
F 7	4 46 1	11°47'11	14°58	0♑15	26° 4	4°21	14°38	19°23	6°20	16°40	15°36	11°D 2	12°31	10°10	n.a.	F 7
S 8	4 49 57	12°48'27	26°44	1°32	27°11	5° 3	14°30	19°25	6°21	16°42	15°35	11° 2	12°28	10°16	n.a.	S 8
S 9	4 53 54	13°49'41	8♓35	2°44	28°19	5°46	14°22	19°26	6°21	16°44	15°33	11°R 3	12°25	10°23	n.a.	S 9
M10	4 57 50	14°50'55	20°37	3°52	29°26	6°28	14°14	19°28	6°21	16°46	15°32	11° 3	12°22	10°30	n.a.	M10
T 11	5 1 47	15°52'08	2♈53	4°54	0♏34	7°10	14° 6	19°29	6°22	16°48	15°31	11° 1	12°19	10°36	n.a.	T 11
W12	5 5 43	16°53'20	15°30	5°49	1°42	7°53	13°58	19°31	6°22	16°50	15°29	10°58	12°15	10°43	n.a.	W12
T 13	5 9 40	17°54'32	28°31	6°38	2°51	8°35	13°50	19°33	6°22	16°52	15°28	10°51	12°12	10°50	n.a.	T 13
F 14	5 13 36	18°55'43	11♉59	7°18	3°59	9°18	13°42	19°35	6°22	16°54	15°27	10°44	12° 9	10°56	n.a.	F 14
S 15	5 17 33	19°56'53	25°52	7°49	5° 8	10° 0	13°34	19°37	6°R22	16°56	15°26	10°35	12° 6	11° 3	n.a.	S 15
S 16	5 21 30	20°58'03	10♊ 9	8°11	6°17	10°43	13°26	19°39	6°22	16°58	15°24	10°26	12° 3	11°10	n.a.	S 16
M17	5 25 26	21°59'11	24°45	8°R22	7°26	11°25	13°18	19°42	6°22	17° 0	15°23	10°19	11°59	11°16	n.a.	M17
T 18	5 29 23	23° 0'20	9♋31	8°21	8°35	12° 8	13°10	19°44	6°22	17° 2	15°22	10°13	11°56	11°23	n.a.	T 18
W19	5 33 19	24° 1'27	24°20	8° 9	9°44	12°51	13° 2	19°47	6°22	17° 4	15°21	10°10	11°53	11°30	n.a.	W19
T 20	5 37 16	25° 2'34	9♌ 4	7°46	10°53	13°33	12°54	19°49	6°22	17° 6	15°19	10°D 9	11°50	11°36	n.a.	T 20
F 21	5 41 12	26° 3'40	23°39	7°11	12° 3	14°16	12°46	19°52	6°21	17° 9	15°18	10°10	11°47	11°43	n.a.	F 21
S 22	5 45 9	27° 4'45	7♍59	6°25	13°12	14°59	12°39	19°55	6°21	17°11	15°17	10°11	11°44	11°49	n.a.	S 22
S 23	5 49 6	28° 5'50	22° 2	5°30	14°22	15°41	12°31	19°58	6°21	17°13	15°16	10°R12	11°40	11°56	n.a.	S 23
M24	5 53 2	29° 6'54	5♎49	4°26	15°32	16°24	12°24	20° 1	6°20	17°15	15°14	10°12	11°37	12° 3	n.a.	M24
T 25	5 56 59	0♑ 7'58	19°19	3°17	16°42	17° 7	12°16	20° 4	6°20	17°17	15°13	10°10	11°34	12° 9	n.a.	T 25
W26	6 0 55	1° 9'01	2♏35	2° 3	17°52	17°50	12° 9	20° 7	6°19	17°19	15°12	10° 6	11°31	12°16	n.a.	W26
T 27	6 4 52	2°10'03	15°36	0°47	19° 2	18°33	12° 2	20°11	6°19	17°22	15°11	10° 1	11°28	12°23	n.a.	T 27
F 28	6 8 48	3°11'04	28°23	29♐32	20°13	19°16	11°55	20°14	6°18	17°24	15°10	9°55	11°25	12°29	n.a.	F 28
S 29	6 12 45	4°12'05	10♐59	28°20	21°23	19°59	11°48	20°18	6°17	17°26	15° 8	9°48	11°21	12°36	n.a.	S 29
S 30	6 16 41	5°13'04	23°23	27°11	22°34	20°41	11°41	20°21	6°16	17°28	15° 7	9°42	11°18	12°43	n.a.	S 30
M31	6 20 38	6♑14'02	5♑36	26♐ 9	23♏44	21♏24	11♊34	20♓25	6♍16	17♑31	15♊ 6	9♒36	11♒15	12♒49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s31	25s25	4s44	25s32	2s 5	5s10	2n43	11s11	0n31	22n49	0s 7	6s42	2s37	10n 2	0n47	22s44	0s 2	21n42	1s16	17s30	17s10	18s23		n.a.	S 1
S 2	21 41	27 2	4 14	25 35	2 2	5 34	2 44	11 26	0 30	22 48	0 7	6 41	2 37	10 2	0 47	22 44	0 2	21 42	1 16	17 34	17 11	18 20		n.a.	S 2
M 3	21 52	27 14	3 32	25 35	1 58	5 59	2 45	11 42	0 30	22 48	0 6	6 41	2 37	10 2	0 47	22 44	0 2	21 42	1 16	17 36	17 12	18 18		n.a.	M 3
T 4	22 2	26 5	2 41	25 34	1 53	6 23	2 45	11 57	0 29	22 47	0 6	6 40	2 36	10 2	0 47	22 44	0 2	21 42	1 15	17 39	17 13	18 15		n.a.	T 4
W 5	22 11	23 44	1 44	25 30	1 48	6 47	2 46	12 12	0 28	22 46	0 6	6 39	2 36	10 1	0 47	22 44	0 2	21 42	1 15	17 40	17 14	18 12		n.a.	W 5
T 6	22 20	20 22	0 42	25 25	1 41	7 12	2 46	12 27	0 28	22 45	0 6	6 39	2 36	10 1	0 47	22 43	0 2	21 42	1 15	17 40	17 14	18 10		n.a.	T 6
F 7	22 29	16 13	0n21	25 18	1 34	7 36	2 46	12 42	0 27	22 44	0 6	6 38	2 36	10 1	0 47	22 43	0 2	21 42	1 15	17 41	17 15	18 7		n.a.	F 7
S 8	22 37	11 27	1 23	25 9	1 26	8 1	2 46	12 57	0 27	22 44	0 6	6 37	2 35	10 1	0 47	22 43	0 2	21 42	1 15	17 40	17 16	18 4		n.a.	S 8
S 9	22 44	6 15	2 22	24 59	1 17	8 25	2 46	13 12	0 26	22 43	0 5	6 36	2 35	10 1	0 47	22 43	0 2	21 42	1 15	17 40	17 17	18 2		n.a.	S 9
M10	22 52	0 46	3 16	24 47	1 7	8 49	2 46	13 27	0 25	22 42	0 5	6 35	2 35	10 1	0 47	22 42	0 2	21 42	1 15	17 40	17 18	17 59		n.a.	M10
T 11	22 58	4n51	4 2	24 34	0 55	9 14	2 46	13 41	0 25	22 41	0 5	6 34	2 35	10 1	0 47	22 42	0 2	21 41	1 15	17 41	17 19	17 56		n.a.	T 11
W12	23 5	10 26	4 37	24 19	0 43	9 38	2 45	13 56	0 24	22 40	0 5	6 34	2 34	10 1	0 47	22 42	0 2	21 41	1 15	17 42	17 20	17 54		n.a.	W12
T 13	23 11	15 44	5 0	24 3	0 29	10 2	2 45	14 10	0 24	22 40	0 5	6 32	2 34	10 1	0 47	22 42	0 2	21 41	1 15	17 43	17 21	17 51		n.a.	T 13
F 14	23 16	20 28	5 7	23 46	0 14	10 26	2 44	14 24	0 23	22 39	0 5	6 31	2 34	10 1	0 47	22 41	0 2	21 41	1 15	17 46	17 22	17 48		n.a.	F 14
S 15	23 21	24 15	4 56	23 28	0n 2	10 50	2 43	14 39	0 22	22 38	0 5	6 30	2 33	10 1	0 47	22 41	0 2	21 41	1 15	17 48	17 23	17 46		n.a.	S 15
S 16	23 25	26 39	4 27	23 10	0 18	11 13	2 42	14 53	0 22	22 37	0 4	6 29	2 33	10 1	0 47	22 41	0 2	21 41	1 15	17 50	17 23	17 43		n.a.	S 16
M17	23 29	27 18	3 40	22 52	0 36	11 37	2 41	15 7	0 21	22 36	0 4	6 28	2 33	10 1	0 47	22 41	0 2	21 41	1 15	17 52	17 24	17 40		n.a.	M17
T 18	23 33	26 1	2 38	22 34	0 54	12 0	2 40	15 21	0 20	22 35	0 4	6 27	2 33	10 1	0 47	22 40	0 2	21 41	1 15	17 54	17 25	17 38		n.a.	T 18
W19	23 36	22 54	1 25	22 16	1 13	12 24	2 39	15 34	0 20	22 35	0 4	6 26	2 32	10 1	0 47	22 40	0 2	21 41	1 15	17 55	17 26	17 35		n.a.	W19
T 20	23 38	18 18	0 6	21 58	1 32	12 47	2 38	15 48	0 19	22 34	0 4	6 24	2 32	10 1	0 47	22 40	0 3	21 41	1 14	17 55	17 27	17 32		n.a.	T 20
F 21	23 40	12 40	1s13	21 41	1 51	13 10	2 36	16 1	0 18	22 33	0 4	6 23	2 32	10 1	0 47	22 40	0 3	21 41	1 14	17 55	17 28	17 29		n.a.	F 21
S 22	23 42	6 26	2 25	21 25	2 10	13 32	2 35	16 15	0 18	22 32	0 3	6 22	2 32	10 1	0 47	22 39	0 3	21 41	1 14	17 55	17 29	17 27		n.a.	S 22
S 23	23 43	0 1	3 28	21 10	2 27	13 55	2 33	16 28	0 17	22 31	0 3	6 20	2 31	10 2	0 47	22 39	0 3	21 41	1 14	17 54	17 30	17 24		n.a.	S 23
M24	23 44	6s15	4 17	20 56	2 43	14 17	2 31	16 41	0 16	22 30	0 3	6 19	2 31	10 2	0 48	22 39	0 3	21 41	1 14	17 54	17 31	17 21		n.a.	M24
T 25	23 44	12 7	4 50	20 44	2 58	14 39	2 29	16 54	0 16	22 30	0 3	6 17	2 31	10 2	0 48	22 39	0 3	21 40	1 14	17 55	17 32	17 18		n.a.	T 25
W26	23 44	17 19	5 8	20 33	3 10	15 0	2 28	17 7	0 15	22 29	0 3	6 16	2 31	10 2	0 48	22 38	0 3	21 40	1 14	17 56	17 32	17 16		n.a.	W26
T 27	23 43	21 38	5 9	20 23	3 21	15 22	2 26	17 20	0 14	22 28	0 3	6 14	2 30	10 3	0 48	22 38	0 3	21 40	1 14	17 57	17 33	17 13		n.a.	T 27
F 28	23 42	24 50	4 55	20 15	3 29	15 43	2 23	17 32	0 13	22 27	0 3	6 12	2 30	10 3	0 48	22 38	0 3	21 40	1 14	17 59	17 34	17 10		n.a.	F 28
S 29	23 40	26 45	4 26	20 9	3 34	16 3	2 21	17 45	0 13	22 26	0 2	6 11	2 30	10 3	0 48	22 37	0 3	21 40	1 14	18 1	17 35	17 8		n.a.	S 29
S 30	23 38	27 19	3 45	20 5	3 37	16 24	2 19	17 57	0 12	22 26	0 2	6 9	2 30	10 4	0 48	22 37	0 3	21 40	1 14	18 2	17 36	17 5		n.a.	S 30
M31	23s35	26s31	2s55	20s 3	3n38	16s44	2n17	18s 9	0n11	22n25	0s 2	6s 7	2s29	10n 4	0n48	22s37	0s 3	21n40	1s14	18s 4	17s37	17s 2		n.a.	M31

Julian Day Number = 1611817.5, Delta T = 03h52m49s
Ecliptic obliquity = 23°44'00, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = - 7°12'52, Lahiri = - 8°05'51 Julian Calendar 1 Dec. 301 BCE == Greg. Calendar 27 Nov. 301 BCE

The year -300 astronomical counting style corresponds to year 301 B.C.E historical counting style.

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